



**2020-2021  
UNDERGRADUATE  
CATALOG**





# Academic Year Calendar



## Semester

Fall 2020

## Day

New Student Welcome Week Kick-off  
Academic Year Begins  
First Day of Scheduled Classes  
Last Day to Add Classes, Term I  
Convocation- Offices closed 11-Noon  
Last Day to Add Classes, Full Semester  
\*Labor Day- Offices Open, Classes in Session  
HYPE Day- Classes suspended until 3 pm  
Last Day to Drop Classes, Term I  
HYPE Day- Classes suspended until 3 pm  
Last day of classes, Term I  
First Day of Classes/Last Day to Add, Term II  
Last Day to Drop Classes, Full Semester  
HYPE Day- Classes suspended until 3 pm  
Registration Opens for Spring  
Last Day to Drop Classes, Term II  
(Last Day of Seated Classes)  
Thanksgiving Break- No classes  
(Classes Online Remainder of Semester)  
Last Day of Scheduled Classes, Full Semester  
Reading Day, Full Semester  
Last Day of Classes, Term II  
Final Exams, Full Semester  
Semester Break- No classes  
Graduating Grades Due at 10 am  
Remaining Grades Due at 10 am

## Date

August 19  
August 22  
August 24  
August 24  
August 27  
August 31  
September 7  
September 17  
September 25  
October 7  
October 20  
October 21  
October 30  
November 6  
November 9  
November 20  
  
Nov. 21-29  
  
December 11  
December 12  
December 17  
December 14-17  
Dec. 18-Jan. 10  
December 18  
December 21

Spring 2021

First Day of Scheduled Classes  
Last Day to Add Classes, Term I  
MLK Day- Offices Closed, No classes  
Last Day to Add Classes, Full Semester  
HYPE Day- Classes suspended until 3 pm  
Last Day to Drop Classes, Term I  
HYPE Day- Classes suspended until 3 pm  
Last Day of Classes, Term I  
Spring Break- No classes  
First Day of Classes/Last Day to Add, Term II  
Registration Opens for Summer  
HYPE Day- Classes suspended until 3 pm  
Last Day to Drop Classes, Full Semester  
Registration Opens for Fall  
Easter Break- Offices Closed, No classes  
Student Research Conference -  
Classes suspended until 5:30 pm  
Last Day to Drop Classes, Term II  
Last Day of Scheduled Classes, Full Semester  
Reading Day, Full Semester  
Last Day of Classes, Term II  
Final Exams, Full Semester  
Graduating Grades Due at 10 am  
Commencement  
Remaining Grades Due at 10 am

January 11  
January 11  
January 18  
January 19  
January 27  
February 12  
February 23  
March 5  
March 6-14  
March 15  
March 22  
March 25  
March 26  
March 29  
April 2-5  
April 13  
  
April 16  
May 4  
May 5  
May 11  
May 6, 7, 10, 11  
May 12  
May 16  
May 18

\* Due to COVID-19, there will be no breaks Fall semester until Thanksgiving.

Summer 2021	Full-term Dates (10 Weeks)	May 24–July 30
	Term I	May 24–June 25
	Term II	June 28–July 30

### **Individual Rights**

From its founding, Heidelberg University has believed in the dignity of the individual, and it is an affirmative action, equal opportunity institution. Heidelberg does not discriminate on the basis of race, color, sex, gender, gender identity, sexual orientation, religion, national origin, age, or disability in the administration of its admission policies, educational policies and programs, financial aid programs, employment practices and athletic and other school-administered programs and activities.

### **Heidelberg University Rights**

The provisions of this Catalog are not to be regarded as a contract between any student and the University. Course content and regulations are under constant review and revision. The University reserves the right in its sole judgment to change any course, program, provision, regulation or requirement set forth herein. The foregoing changes may include, without limitation, the elimination of programs, departments or courses, the modification of tuition, fees, admission standards, degree and course requirements, and the contents of any course or program, and the cancellation or rescheduling of classes or other academic activities.

### **Family Educational Rights and Privacy Act**

The Family Rights and Privacy Act of 1974 (commonly referred to as FERPA or the “Buckley Amendment”) guarantees a student 1) access to his or her educational record, 2) the right to challenge the accuracy of the record, and 3) the right to limit release of information from the record.

The Educational Record includes all records, files and documents directly related to the student and maintained by Heidelberg University. These records include, but are not limited to, biographical data and address information; the admission application and supporting documents; the academic record including departmental files, class schedules, grade reports and transcript of record; athletic records; disciplinary records; financial records; placement credentials; public safety records; and residence life records.

Under FERPA, contents of a student’s academic record can be distributed on a “need to know” basis within the University. Recipients might include faculty and peer facilitators, department chairpersons, staff and administrators, individuals conducting institutional research, student employees, etc. Read the full FERPA policy located on the Registrar’s website.

# Table Of Contents

## ► Introduction

Academic Year Calendar .....	1
Table of Contents .....	3

## ► The University

History .....	5
Accreditation and Affiliation .....	6
Campus Buildings and Facilities .....	7

## ► Academic Policies and Resources

Commitments from Heidelberg .....	12
Academic Support and Policies .....	12
Transcript of Credit .....	16
Transient Student .....	17
Academic Scholarship .....	17
Course Registration and Policies .....	19
Grade Requirements .....	24
Progression Requirements .....	26
Graduation/Commencement .....	29
International and Alternative Experiences .....	31

## ► General Education Curriculum.....34

## ► Programs of Study

Degrees Offered.....	46
Bachelor of Arts and Bachelor of Science Programs of Study Requirements .....	48
Accounting Major .....	49
Art Minor .....	49
Athletics Coaching Minor .....	50
Biochemistry Major .....	50
Biology Major and Minor .....	50
Business Administration Major.....	51
Chemistry Major and Minor .....	53
Chinese Electives .....	53
Communication Major and Minor .....	53
Computer Science Major and Minor .....	54
Criminology Major .....	54
Cybersecurity Minor .....	55
Economics Major and Minor .....	55
Education Major .....	55
Intervention Specialist Licensure.....	58
English Major .....	58
Literature Minor.....	58
Writing Minor .....	58
English Language Institute.....	59
Environmental Science and Sustainability Major .....	59
Environmental Studies Minor .....	59
Exercise Science Major .....	60
French Electives .....	60
Geology Minor.....	60
German Major and Minor.....	61
Greek Electives.....	61
Health Science Major.....	61
History Major and Minor .....	62
Honors Program.....	62
Information Systems Major.....	63
Integrated Media Major and Minor.....	64

International Studies Major and Minor .....	64
Latin American Studies Minor .....	65
Legal Studies Minor .....	65
Mathematics Major and Minor .....	65
Media Technology Minor .....	66
Music Major and Minor .....	66
Philosophy Major and Minor .....	67
Physics Minor .....	67
Political Science Major and Minor .....	67
Pre-Medical Concentration .....	68
Psychology Major and Minor .....	68
Public History Minor .....	69
Religion Major and Minor .....	69
Self-Designed Studies Major .....	69
Sociology Minor .....	70
Spanish Major and Minor .....	70
Sport Management Major and Minor .....	71
Theatre Major and Minor .....	71
Video Game Production Major and Minor .....	73
Watershed Science Specialization .....	73
Wellness Minor .....	73
Women's and Gender Studies Minor .....	73
Bachelor of Music Programs of Study .....	74
Bachelor of Science in Nursing .....	79
► <b>Course Descriptions</b> .....	86
► <b>HYPE Career Ready® Program</b> .....	159
► <b>Student Life</b> .....	162
► <b>Endowed Scholarships</b> .....	166
► <b>Endowed Prizes and Endowed Funds</b> .....	177
► <b>Annual Scholarships</b> .....	182
► <b>Admission</b> .....	183
► <b>Expenses and Student Aid</b> .....	189
► <b>Register of the University</b> .....	198
► <b>Index</b> .....	210
► <b>Campus Map</b> .....	213

# The University



Heidelberg University is proud of its 170-year history of providing a quality education in the tradition of the liberal arts. That same philosophy is maintained in professional program offerings. Today, academic excellence and a profound student experience stand at the core of the University.

At Heidelberg, values are central to the collaborative learning process and the University nurtures a strong sense of community. It provides the opportunity for students to sharpen their intellect, explore different cultures and develop a sense of moral and ethical responsibility to their communities and the broader world. Students are highly engaged in their own education and embrace the concept of lifelong learning.

Integration of all of these qualities, imperative for professional and personal success in an evolving and complex world, help Heidelberg's graduates to define their lives of purpose with distinction.

## ► HISTORY

Heidelberg University was founded in 1850, as Heidelberg College, by members of the German Reformed Church who named the institution after the Heidelberg Catechism of 1563.

Seeking to minister to the German population of Ohio, the founders of Heidelberg established a church-affiliated institution staffed by a largely theologically trained faculty. Into the 1890s and beyond, the ideal of training Christian scholars persisted as the goal of a Heidelberg education.

The Evangelical and Reformed Church, formerly called the German Reformed Church, merged with the Congregational Christian Churches in 1957 to form the United Church of Christ. The institution continues its affiliation with the United Church of Christ while welcoming students and faculty from a variety of faith traditions.

As an independent, church-related, liberal arts educational institution, Heidelberg has interpreted the educated person to be an individual who can articulate the relationship between academic learning and learning for life. From five students in its first graduating class, Heidelberg has experienced periods of growth and contraction during its long and rich history. Today, Heidelberg offers 34 undergraduate majors, four master's degrees, and employs more than 200 faculty and staff. Its total enrollment is more than 1,300 students in all programs.

## ► MISSION STATEMENT

Heidelberg University is a community of learning that promotes and nurtures intellectual, personal and professional development, leading to a life of purpose with distinction.

## ► VISION STATEMENT

Heidelberg will be a welcoming, student-centered university where in-class and out-of-class learning is seamless and continuous. Both the undergraduate and graduate curriculums will effectively integrate liberal arts and professional preparation across disciplines to prepare our students to be global citizens who think critically, communicate effectively and serve thoughtfully.



## ► STATEMENT OF EDUCATIONAL PHILOSOPHY AND VALUES

Heidelberg University, in the Liberal Arts tradition, educates persons who can act effectively and with integrity in a world of change. It cherishes academic excellence, honors knowledge, encourages original research, and promotes a lifelong commitment to free inquiry. Heidelberg is dedicated to being a diverse community that challenges students to understand their cultural heritage and the contemporary world, to explore frontiers of knowledge, and to develop powers of mind and spirit. In keeping with its historic affiliation with the United Church of Christ, students, faculty, staff, and the Board of Trustees work together to understand and respect diverse cultures, religions, and lifestyles. Heidelberg University develops individuals with high moral and ethical standards who are productive in their life's work, engaged in their communities, and responsible citizens of the world.

## ► STATEMENT OF INSTITUTIONAL GOALS

*At the time of graduation, Heidelberg students will be capable of:*

1. Demonstrating the breadth of knowledge and creative and critical thinking skills to fully participate as citizens of the changing world;
2. Synthesizing theory, knowledge and experience related to their majors;
3. Demonstrating the writing and speaking skills to communicate effectively within their disciplines;
4. Demonstrating the quantitative and problem-solving skills sufficient for their disciplines and for functioning in an increasingly technical society;
5. Demonstrating an awareness of their own cultures and a sensitivity to and appreciation of other cultures;
6. Valuing the quest for purpose, integrity, and spiritual growth;
7. Demonstrating an engagement with Heidelberg University and the local community, as well as with the nation and the world.

In the years following graduation, alumni will find that their experiences while at Heidelberg played an important role in:

8. Shaping their understanding and appreciation of the world;
9. Developing the abilities and strength of character to achieve their personal goals;
10. Developing the capacity and willingness to contribute in a positive and constructive way to the communities in which they live and to Heidelberg University.

## ► ACCREDITATION AND AFFILIATION

Heidelberg University has continuously been accredited by the Higher Learning Commission since 1913 and was included on the Association's first published list of accredited institutions. The Higher Learning Commission is located at 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, and can be reached at (312) 263-0456, (800) 621-7440 or by fax (312) 263-7462, <https://www.hlcommission.org>. The Ohio Department of Higher Education, <https://www.ohiohighered.org>, has authorized degrees in Bachelor of Arts, Bachelor of Science, Bachelor of Music, Master of Arts in Education, Master of Arts in Counseling, Master of Business Administration and Master of Music Education.

The University is an institutional member of the American Association of Colleges for Teacher Education, the Ohio Foundation of Independent Colleges, Inc. (OFIC), the Council for Independent Colleges (CIC), the Association of Independent Colleges and Universities in Ohio (AICUO), the National Council for State Authorization Reciprocity Agreements, and the College Board.

The Accounting, Business Administration, and Economics degree programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP), [www.acbsp.org](http://www.acbsp.org).

The Aris M. Kaplanis Master of Business Administration Program, holds full accreditation with the Accreditation Council for Business Schools and Programs (ACBSP), [www.acbsp.org](http://www.acbsp.org).

The University's Athletic Training Program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), [www.caate.net](http://www.caate.net).



The Master of Arts Degree in Counseling is recognized and approved by the Ohio Counselor and Social Worker Board, and is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP), [www.cacrep.org](http://www.cacrep.org).

The University is a full member of the National Association of Schools of Music (NASM), [nasm.arts-accredit.org](http://nasm.arts-accredit.org), and its requirements for entrance and graduation are in accordance with the published regulations of this accrediting agency.

The Education program is accredited by the Council for the Accreditation of Educator Preparation (CAEP) [www.caep.org](http://www.caep.org). This accreditation covers initial teacher preparation programs and advanced educator preparation programs. However, the accreditation does not include individual education courses that the institution offers to P-12 educators for professional development, re-licensure, or other purposes. Licensed educators seeking post licensure credit should inquire with their District administration. Information related to Title II, Higher Education Act compliance is available from the Vice President for Academic Affairs and Provost.

## ► CAMPUS BUILDINGS AND FACILITIES

Heidelberg University is located on a 125-acre campus with approximately 90 additional surrounding acres in Tiffin (population 18,000), county seat of Seneca County and center of a prosperous agricultural, industrial and business area in northwestern Ohio. The campus is located on the east side of Tiffin on College Hill. Classrooms, laboratories and other buildings are within easy walking distance in the time allotted between classes. Downtown Tiffin is within a half-mile of campus, and the city's churches are conveniently near. The old and new in architecture at Heidelberg blend harmoniously. From the pure Greek Revival lines of Founders Hall and the Victorian Gothic style of University Hall, the architecture moves toward the more modern English Gothic and to the functional style typified by Beeghly Library. In many of the buildings erected since 1907, gray Bloomville limestone, with cut Bedford stone for trim, gives a sense of unity to the various styles. Ten buildings ranging in age from 88 to 163 years are entered in the National Register of Historic Places.

**Adams Hall**, formerly Laird Hall which was built in 1913 with funds provided by Della Shawhan Laird, widow of a prosperous Tiffin businessman, was renovated and opened in the Fall of 2010; and, was added to the National Register of Historic Places in 1979. Through the generosity of Mr. and Mrs. John Q. Adams, Laird Hall, one of Heidelberg's most distinguished buildings, was transformed into a state-of-the-art center that will drive the academic priority of creating a first-rate business program.

**Aigler Alumni Building**, purchased in 1961 from the Tiffin City Board of Education, was remodeled and equipped for use as a classroom, office and laboratory building; and was added to the National Register of Historic Places in 1979. This Jacobethan-style structure contains the psychology, criminology, political science, and graduate counseling program. Its name recognizes the loyal support of Heidelberg alumni, especially Allan G. Aigler, Class of 1902, a trustee of the university from 1926-1960.

**Bareis Hall of Science** was constructed in 1964 to honor George F. Bareis, president of Heidelberg's Board of Trustees from 1899-1932, and his daughter, Grace M. Bareis, who in 1935 became the second woman named to the Board. Bareis, Heidelberg's center for the physical sciences, contains the 80-seat Frost Lecture Hall. Also housed there are offices, the Computer Center and IT Help Desk, general classrooms and labs. Bareis Hall underwent a \$4 million renovation in the Summer and Fall of 2005.

**Beeghly Library** is the intellectual heart of Heidelberg University. Industrialist Leon A. Beeghly provided the major financial gift for the construction of this three story circular building. Dedicated in 1967, and renovated in 2012-13, the library houses over 103,000 volumes, and provides access to thousands of e-books and electronic journals. Special collections include the Besse Collection of English and American correspondence and the John R. Beale Collection on opera. The library is a selective Federal Depository Library. The building provides a large classroom, a computer lab, and individual and group study rooms. The Instructional Resource Center is located on the lower level of the library. Beeghly is a member of the OPAL and OhioLINK consortia. (See Academic Policies and Resources for further information.)

**Brenneman Music Hall** is the center for the University's musicians. The west portion, completed in 1949, and renovated in 2000, was designed for use by the violin, voice, organ, piano and instrumental divisions of the music department. A three-story addition, made possible by a gift from Clara Brenneman of Wadsworth in honor of her husband, Glen, opened in the fall of 1971.

The building now contains the 325-seat Ferris and Dorothy Ohl Concert Hall, Pancoast Recital Hall, classrooms, practice rooms, faculty studios, the Beethoven Lounge, a computer lab, offices, and a recording studio.

**Edson J. Brown Residence Hall** opened in 1960 and accommodates 125 students. It is named for Dr. Edson J. Brown, Class of 1915, a Cleveland physician who considered his entrance into Heidelberg a turning point in his life. He served as a trustee from 1932 until his death in 1972. Brown Hall was renovated in the Summer of 2007.

**Bryenton Center for Honors Program**, dedicated in June 2007, is a handsome and appealing two-story brick structure, where all Heidelberg Presidents lived until 1969; and was added to the National Register of Historic Places in 1979. Built in 1868, it was home to the Development Office until 1996 when it was renovated to accommodate the highly distinguished Heidelberg Life of the Mind Honors Program. A generous gift from Gary Bryenton, member of the Board of Trustees since 1990 and former chair, allowed for restoration of the exterior and additional renovation in 2012–13. Interior renovations and redecoration were completed in 2016. Several comfortable study lounges, a seminar room, a computer lab, offices, and kitchenette serve the needs of students in the program.

**The Campus Center** is the focal point for student activities and services. The east half of the center was constructed in 1926 to serve as The Commons, a men's dining hall. After 1966, the Modern English Gothic portion of the building was altered to provide the Wickham Great Hall, a multifunctional room. The opening in 1971 of a two-story wing expanded recreational services for students. The Campus Center was closed for the 1999–2000 academic year for renovations. A 9,000 square foot addition was added to the existing 26,000 square foot building. Housed within the new facility are student organizations, student health services, student affairs offices, student mailboxes, the campus bookstore, and the Owen Center for Teaching and Learning.

**2 Clinton** is a 4 unit complex that was acquired in August 2009 to house students. The one and two bedroom units provide independent living and are fully equipped with appliances and technology.

**College Hill Apartments** is an 11 unit complex that was acquired in August 2005 to house students. The one and two bedroom units provide independent living and are fully equipped with appliances and technology.

**Fine Arts Building**, located at 285 E. Perry Street, is a two-story frame house adjacent to Brenneman Music Hall. The house was built in 1852 as a residence by Heidelberg's first president, E.V. Gerhart; and, was added to the National Register of Historic Places in 1979. The house has been used as a guest house. It was converted to student housing in 1997. In the Fall of 2009, it was converted to the Art Department.

**Founders Hall**, constructed between 1851–1858, holds the distinction of being the first building on the Heidelberg campus. The Greek Revival architecture was designed by one of Heidelberg's founding fathers, Jeremiah Good. The three-story brick structure, which originally served as a men's dormitory, was modernized in 1929–1930 and renovated in 1974; and, was added to the National Register of Historic Places in 1973. It houses a rehearsal theatre, costume rooms, a dance studio, classrooms and faculty offices for communication and media, theatre, and foreign languages. Interior renovations to Founders were completed in 1992 and early 1993.

**France Residence Hall**, a residence hall for about 70 women, was completed in 1925. It is named in recognition of Luella Blackwell France, a benefactor of the university; and, was added to the National Register of Historic Places in 1979. France, which has a meeting hall for two sororities, and the France Dining Hall. An addition was added in 2019 along with an interior renovation.

**GEM (Gaming, eSports, Media) Center** is located in Krieg Hall. At the root level, students have the autonomy to develop ideas and express opinions through the creation, production, and distribution of various media productions. Some students will choose to work independently on a campus radio show, while others may enjoy working with groups of other students by producing the student television newscast. All activities introduce, refine, or master valuable skills and leadership, and generate valuable resumé-building material.

**Gillmor Science Hall**, opened in January 2005. It combines with Bareis Hall to form the University's science complex. Named in honor of Congressman Paul E. Gillmor, who had a demonstrated commitment to educational initiatives through his career in public service, the 42,000-square-foot, state-of-the-art Gillmor Hall is home to the biology and chemistry departments, and the Water Quality Laboratory and its National Center for Water Quality Research.

**The George P. Gundlach Theatre**, which is connected to Founders Hall, was completed and dedicated during Heidelberg's 125th anniversary celebration in 1975. New renovations were completed in 2016. Its seating capacity is 250. The theatre was built through a financial gift from the late Mr. Gundlach, Class of 1931. He received an honorary degree in 1960. A native of Tiffin who spent much of his life in Cincinnati, Mr. Gundlach envisioned Tiffin and the University as partners in civic and cultural projects. He saw the theatre as one means of strengthening that bond.

**Hoernemann Refectory**, adjacent to Miller Residence Hall, is the primary dining hall for students. Built in 1966, the dining hall honors Paul H. Hoernemann, Class of 1938, a highly successful football and basketball coach and later Vice President of the University until his death in 1965. Renovated periodically over the years in response to ever changing student dining preferences, the Hoernemann Refectory was most recently renovated during the summer of 2017 to accommodate a new food service provider – Parkhurst Dining. This phase I work featured a complete interior renovation of space for dining, cooking, and servicing and new furniture and decor. The new design makes it possible to feature a “fresh foods” approach to the student dining experience. Phase II work resulted in the construction of The HeidelBean! coffee cafe and loft. Completed in April 2019, The HeidelBean! features a full service coffee bar and fresh baked goods, a loft area for hanging with friends and a second entrance to the Hoernemann Dining Room.

**Hoernemann Stadium and The Fox Den Alumni Center**, named for Heidelberg legendary coach and former Vice President for Alumni Relations and Fundraising, Paul Hoernemann, Class of 1938, were completed in October 2014. After having played home games at a local municipal stadium since 1945, this marked the permanent return of 'Berg football to campus. The facility accommodates a seated crowd of 1,300-plus. Built into the hillside on Greenfield Street, the tri-level facility is highly visible and easily accessible, and offers a beautiful view of Rock Creek as it connects the upper and lower campuses. The Fox Den Alumni Center features an indoor reception area with special amenities, an exhibit gallery and viewing deck with access to reserved seating on the 50-yard line of Riesen Field. Hoernemann Stadium is also the outdoor site for annual Commencement ceremonies.

**King Memorial Residence Hall**, completed in 1954 to provide living space for male students, is now a coeducational dormitory for 188 students. A lounge connects two three-story wings. Construction was made possible by a gift from Alice Rhodes King as a memorial to her husband, the Rev. Owen G. King, Class of 1905. King Hall is located on Main Street.

**Sara D. Krieg Residence Hall**, also on Main Street, was named in honor of Sara D. Krieg, whose bequest to the University was an expression of her faith in Christian higher education. The five-story brick building, completed in 1964, has living quarters for 144 men and women, a lounge, four common living rooms, a recreation room and a study room. The building was closed during the fall of 1999 for complete renovations. Students moved into the newly renovated building in January 2000 for the beginning of the spring semester.

**Russell R. Krammes Service Center**, completed in 1971, is the center for all University maintenance and service operations. Built in 1971 on historic Armstrong Field—site of Heidelberg's first intercollegiate football game in 1892 – the building is a memorial to Russell R. Krammes, Class of 1906, and his wife, Florence. Adjacent to Krammes is a 200 car parking lot made possible by a gift from the National Machinery Foundation of Tiffin.

**Lavelly-Shedenhelm Education Center**, located between Edson J. Brown Residence Hall and France Residence Hall is the focal point of the education program. The space includes three classrooms representative of modern educational environments that students will experience when entering the profession. The distinctive hand-painted murals by local artist, Beth Sage added in 2016 adds to the uniqueness of the space.

**Mayer Field**, located between Williard Residence Hall and Rock Creek, has an all-weather track and other track and field facilities, and fields for soccer, intramural sports and community activities. This facility was made possible by a gift from the Frederick M. Mayer family. Mr. Mayer, Class of 1920, served as a trustee of the University from 1948–1970 and was a trustee emeritus at the time of his death in March 1993. New turf and track surface renovations were completed the summer of 2018.

**Dr. Charles E. Miller Residence Hall**, which accommodates 194 upperclassmen on five floors, was completed in 1966. The hall is named in memory of Charles E. Miller, Heidelberg's president from 1902–1937. Miller Hall is arranged by suites with two rooms sharing a bathroom.

**The Octagon House**, last inhabited in 2007, is a local landmark and was added to the National Register of Historic Places in 1979. Although a part of Heidelberg's history since its founding, the university did not own the Octagon House until 2007. James Dicke II, a successful executive, art connoisseur and historic preservationist from New Bremen, Ohio, provided a generous donation which the university used to purchase the property and house.

**Arthur B. Pfeiderer Center for Religion and the Humanities** was constructed in 1912 with a grant of \$25,000 from Andrew Carnegie. Under terms of the grant, the University was to match that amount for maintenance of the building, which served as the university library for 55 years; and, was added to the National Register of Historic Places in 1979. The center was made possible in 1971–1972 through a gift from Dorothy Painter Pfeiderer, Class of 1922, as a memorial to her husband, Arthur, a 1920 graduate who was a Heidelberg trustee from 1953 until his death in 1969. The Modern Gothic structure was adapted to house offices, classrooms and Herbster Chapel, a multi-purpose room with a seating capacity of 180. The center serves all religious groups on campus, filling worship and contemplative needs. New renovations and beautification were completed the summer of 2018.

**Saurwein Health and Wellness Center**, which opened in July 2012, is named after Heidelberg alumni Cliff and Mary Saurwein. The Saurwein Health and Wellness Center created 22,000 square feet of new and renovated space dedicated to health and wellness. The building supports a new academic program in Health Sciences and also includes a variety of spaces for cardio/weight training and small group fitness activities complementing the facilities of the Tiffin Community YMCA. The building features a Health Technology Suite utilizing the power of new technology to enhance health and a Food Nutrition Center. In addition, it will expand on the existing foundation for health and wellness at Heidelberg, launching "A Road to Health at Heidelberg," a comprehensive, integrated plan to enhance health and wellness for our campus and the broader community.

**Sayger Court in Seiberling Health and Physical Education Center** is named for the late Herman E. Sayger, a successful physical education director and coach at Heidelberg in the 1920s. He was responsible for bringing a complete program of intramural sports to the University. The court is used for indoor sports and major events such as commencement and Alumni Day. New renovations were completed the summer of 2017 and included a new court surface, bleachers, window treatments and paint scheme.

**Seiberling Health and Physical Education Center** was completed in 1952 after delays during World Wars I and II and the Great Depression. The building bears the name of Frank Seiberling, an 1879 alumnus who became president of Goodyear Rubber Co. and founder of the Seiberling Rubber Co. Mr. Seiberling made the first pledge for the physical education plant in 1917. Other funds were contributed later by alumni, churches, local citizens and friends. After a fire destroyed some athletic facilities in 1985, a major addition to Seiberling was completed to add offices, locker rooms, a weight room and a sports medicine facility.

**Stoner Health and Counseling Center**, with a complete outpatient clinic, was established in 1966 to honor a long-time benefactor of the University, Dr. L.D. Stoner. The center moved to the renovated Campus Center in August 2000.

**Talmage Hall** is a student residence hall that features unique learning spaces, which opened in the Fall of 2011. The 120-bed facility primarily for sophomores, includes five, two-story, 24-student "pods", each with 12 students per floor in bedrooms surrounding an open, two-story living/gathering space. The living space includes a balcony, loft seating, kitchen, soft seating and study spaces to reinforce the academic mission.

**The University Commons** opened in the Fall of 2011. It features the Berg Bistro 1850 option for dining in or carry out, a walkout patio for outdoor dining and a Great Room with a 60-seat capacity for lectures or other events. The University Commons also has study spaces, meeting and conference rooms, an Internet room, the Global News Stand, and an indoor/outdoor cozy and fun fireplace.

**University Hall**, a brick building in Victorian Gothic style, was completed in 1886 with funds raised from the Reformed Church and the Tiffin community. The bell in University Hall's tower, a local landmark, hung in the Seneca County Courthouse from 1841–1884. The building was added to the National Register of Historic Places in 1979. Also known as College Hall and the U-Building, University Hall houses administrative offices, classrooms, fraternity halls and Rickly Chapel, a 625-seat hall named for S.S. Rickly, one of Heidelberg's founders. In 1992, a carillon, the gift of alumna Marian I. Larkin, was installed in the tower.

**Walker Street Apartments** is a 13 unit complex that was acquired in April 2005 to house junior and senior students. The two and three bedroom units provide independent living and are fully equipped with appliances and technology.

**Wickham Great Hall**, originally known as the Great Hall was dedicated in 1966 to honor Heidelberg's 9th president, William T. Wickham; and, was added to the National Register of Historic Places in 1979. In 2006, the hall was rededicated as the Wickham Great Hall. It is located in the Campus Center and honors Heidelberg's great alumni by flying the oldest Commencement Class Banner of living alumni and by displaying the 50th Reunion Alumni Plaques.

**Williard Residence Hall**, a Gothic-style residence hall for 70 men and women, was named for George Williard, the 4th president of the University from 1866-1890. The hall, built with funds given by citizens of Tiffin and Seneca County and dedicated in 1907, was a residence for women from 1907-1974. Connected to Miller Hall, Williard Residence Hall was closed for the 1992-1993 academic year for major renovations. A fire in January 2000 caused extensive damage to the building. The building was demolished in March 2001. Construction of a new 65 bed residence hall was completed in December 2001. The new building maintains the Gothic-style of the original Williard Hall.

# Academic Policies and Resources



In any organization or institution, for orderliness and efficiency and maintenance of certain standards, rules and regulations are established in the best interest of those who participate. Certain procedures have been set forth at Heidelberg University by the Board of Trustees, faculty and the students and by the three teams working together.

The general rules and regulations of the University pertaining to discipline and conduct are available to students in the Student Handbook located on the Inside Heidelberg website.

In any situation not specifically covered by a regulation, the University reserves the right to take action that will most effectively protect the welfare of its students and the interests of the University.

## ► COMMITMENTS FROM HEIDELBERG

### **Four-Year Graduation Guarantee**

Heidelberg is committed to helping all students graduate in four years by offering easy-to-follow steps to stay on track. If a student meets all the conditions and outlined responsibilities of the Four-Year Graduation Guarantee, but are unable to graduate in four years, Heidelberg allows them to take the courses needed to graduate tuition-free and offers free room and board on campus.

### **PlusOneAdvantage® MBA Tuition-Free Scholarship**

Heidelberg's PlusOneAdvantage® MBA Tuition-Free Scholarship offers all students (regardless of undergraduate major) the opportunity to add value to their undergraduate education by adding a Master of Business Administration degree. Business skills help majors stand out and become more marketable in their own career path. Any student who completes a bachelor's degree (in any major) at Heidelberg in four years with at least a 3.0 GPA will be eligible to stay and earn a Master of Business Administration tuition-free. Students who qualify may begin the PlusOneAdvantage® MBA Tuition-Free Scholarship Program within two years after completing their undergraduate degree at Heidelberg.

## ► ACADEMIC SUPPORT AND POLICIES

### **Academic Advising**

Intentional advising helps students acquire the knowledge and skills necessary to take full responsibility for completing a program consistent with their educational and professional aspirations. At Heidelberg, it is our mission to provide quality academic advising that educates the whole person and motivates students to make their own informed decisions. For their first year, students are assigned to an advising specialist in the Owen Center for Academic and Career Support. Advisors and advisees establish contact with one another prior to orientation to guide course selection for the fall. Advisors work with students throughout their first year. When students formally declare a major, they are assigned a faculty advisor in their major department or program. The chair of each department or program designates faculty advisors for each student.

### PlusOneAdvantage® MBA Tuition-Free Scholarship Advising

Students should work closely with their academic advisor to determine which one of three options is best for completing the prerequisite courses for admission into the MBA program: 1) Undergraduate Courses ACC 201, ACC 202, ECO 251, ECO 252, MTH 119, FIN 301, MGT 200, MKT 200, and BAE 318; or 2) Undergraduate Business Minor; or 3) Graduate Leveling courses (which can be taken while enrolled as an undergraduate student.) Leveling course content includes Statistics, Financial and Managerial Accounting, Micro and Macro Economics, Corporate Finance, Management, Marketing and Business Law. A student may earn credit towards undergraduate graduation through either the MBA foundation as an elective course or the corresponding individual undergraduate courses. The Graduate Academic Catalog, the MBA Coordinator, and the Dean of School of Business and Technology will also serve as resources to students planning to take advantage of the program.

### Pre-Law Advising

Heidelberg University has a unique pre-law program which offers an excellent opportunity for preparing students for law school. A pre-law advisor is available to assist students interested in a legal career since the pre-law advisor has law school experience and has practiced law. The pre-law advisor will work with individual students to select a course of study that will best suit their interests as well as their career choice. The pre-law program provides a supportive environment for those students interested in going to law school and includes assistance with the law school application process. The program also encourages participation in legal internships and volunteer work experiences. Although there is no preferred course of study for a person wanting to go to law school, The Official Guide to U.S. Law Schools suggests that students thinking of law school acquire skills that enable one to think critically, reason logically, and speak and write effectively. These skills can be attained in a number of different courses and majors. A student will have ample opportunity to gain these skills with Heidelberg University's emphasis on a broad liberal arts education.

### Pre-Medical Advising

A student intending to pursue a career in a medical field will benefit from specific coursework. A specific set of courses has been defined by faculty to prepare students for entrance exams (MCAT, VCAT, DAT, etc.), provide commonly mandated professional health program prerequisites, and to provide a strong academic foundation for training that will come following graduation. Students may apply to the program, and if accepted can have this program added to any major. (See Pre-Medical Concentration in the Academic Programs of Study).

### Pre-Professional Advising

Students who plan to enter accredited professional schools such as medicine, dentistry, osteopathy, law, veterinary medicine, engineering, environmental management and the ministry can obtain at Heidelberg the thorough undergraduate training necessary for success in those professional schools. The ideal preparation for professional training is the complete four-year curriculum in a liberal arts program. Most professional schools give preference to the thoroughly trained individual who has a degree. However, some students must accelerate their work and the following plan might prove helpful. Those few individuals who are able to complete a minimum of 90 semester hours which include general education or honors curriculum as well as major requirements during their first 3 years at Heidelberg, may arrange to take their senior year at a professional school if that professional school is approved by recognized academic accrediting agencies. If they can obtain admission to such a school without having completed their undergraduate work (only electives remaining), they will be granted the baccalaureate degree from Heidelberg University under the following conditions:

1. They must spend at least two years, including the junior year, as students of Heidelberg University.
2. They must have completed all general education or Honors Program and major requirements at Heidelberg University. This will constitute a minimum of 90 semester hours of academic work.
3. They must have an overall GPA of 3.00 at the end of their junior year.
4. They must notify the Registrar of their intention by the end of the sophomore year. This is essential because approval of the accreditation of the professional school in question must be determined.
5. Pre-engineering students need to start with MTH 222, Calculus I. See Dr. Lemley for more information.
6. They must satisfactorily complete the first year's work in the professional school. A transcript of the work must be sent to the Registrar of Heidelberg University.

### **Academic Support**

The Owen Center for Teaching and Learning fosters the academic excellence of all Heidelberg students. The Owen Center programs include academic advising, the Writing Center, Supplemental Instruction for specific 100-level courses, and Academic Success Coaching.

### **Academic Appraisals**

To provide feedback to undergraduate students regarding individual course performance, faculty issue appraisals at eight and twelve weeks each semester. Early course appraisals are conducted for students in their first two semesters at Heidelberg and all students on academic warning or probation. Student appraisal results can be viewed by students and advisors in



OASIS. Appraisals should be taken seriously and students should discuss concerns with their course instructors and academic advisors.

### **Academic Catalog**

At any time during a student's tenure, she or he may opt to fulfill the requirements of any university catalog that came after, not before, the catalog under which he or she originally matriculated.

Academic policies that are not directly tied to the degree, major, minor, and concentration requirements are constantly in review. Students need to make themselves aware of these policies in addition to their degree requirements. Academic policies are published annually on the registrar's website as the current academic year's catalog. Amendments to degree, major, minor, and concentration requirements are posted to students electronically as well as posted as an addendum to the specific year's catalog on the registrar's website.

### **Academic Honesty**

The University values honesty and integrity as fundamentals to learning and personal success. All members of the University should respect the integrity of another's work and recognize the importance of acknowledging and safeguarding intellectual property. The full policy to comply with Academic Honesty is located on the Inside Heidelberg website in the Student Handbook section for students; or, the Faculty Manual for faculty.

14

### **Accessibility**

The mission of the Student Accessibility Services is to provide the student with disabilities and/or accessibility needs the services and support to achieve equal access while pursuing higher education. The Student Accessibility Services also serves the wider campus community as a resource in understanding disability, accessibility, and inclusivity. A student with disabilities and other accessibility needs who requires housing, dining, and/or academic accommodations to overcome barriers to their educational experience are encouraged to contact the Coordinator of Student Accessibility Services. The Coordinator will review the student's rights and responsibilities, and guide them through the confidential, interactive process of arranging appropriate accommodations. Student Accessibility Services is located within the Owen Center.

### **Consortial Partnerships**

Consortial partnerships offer an opportunity to Heidelberg students to enroll into a select set of courses through a partnership school to have the course transcribed as a Heidelberg course, to maintain eligibility for financial aid, and for enrollment status. Partnerships include Terra State Community College (see the Nursing Director), Certified Financial Planner (see the School of Business and Technology) and the Acadeum College Consortium (see the Office of the Registrar).

### **Cooperative Degree Programs**

Heidelberg University has cooperative degree programs with the Ursuline University Breen School of Nursing for an Accelerated Bachelor of Science in Nursing (see Health Sciences Chair), Case School of Engineering at Case Western Reserve University (see Mathematics and Physics Chair) and the Lake Erie School of Osteopathic Medicine (see School of Allied Health, Behavioral and Natural Sciences Dean).

The Ursuline program is designed for students to complete their major and general education requirements in 3 years at Heidelberg and then complete the 15-month accelerated nursing program at Ursuline. While the health sciences major provides a somewhat seamless pathway, students may choose to complete any Heidelberg major while completing the nursing prerequisites required by Ursuline. Students who meet the admission criteria at Ursuline may apply to start the program after their junior year at Heidelberg or may choose to apply after graduating from Heidelberg.

LECOM has developed special Early Acceptance Programs with select community colleges, undergraduate colleges and universities that grant qualified students a provisional early acceptance to LECOM's School of Pharmacy, School of Dental Medicine or College of Osteopathic Medicine. In some cases, these programs will permit the student to start the professional program prior to receiving a bachelor degree from the undergraduate institution.

The Case Western Reserve undergraduate 3+2 Dual Degree Program blends a strong technical engineering perspective with in-depth knowledge of humanities and social sciences to provide you with an opportunity to customize your career path with two bachelor's degrees. While enrolled at Heidelberg, you'll complete courses in math, chemistry, physics and computer

science, in addition to studies in the humanities, social sciences and natural sciences for the first three years of your dual degree. Next, you'll enroll at the Case School of Engineering, where you'll take two years of intensive engineering courses in your chosen major.

### **Heidelberg English Language Institute (HELI)**

The Heidelberg English Language Institute provides non English speakers a program to reach a level of proficiency to complete academic programs. Based on the results of submitted evaluations, a student is placed into one of three programs best suited to their language-skill level. (1) Test scores that indicate a need for further training in English are placed in an all-HELI English program. (2) Test scores that indicate a high level of English proficiency in some skill areas are placed in a transition program. In this program, one or more academic classes may be taken with permission of the director while continuing to improve their English skills in HELI classes. (3) Test scores that indicate an acceptable level of language fluency in all skill areas are eligible for a full-time academic program.

HELI classes appear on the regular academic schedule. HELI course descriptions appear under the heading ELI - English Language Institute in the Course Descriptions section of this Catalog. Either a passing oral evaluation or successful completion of ELI 132 and the HELI oral evaluation are prerequisites for COM 100. Upon successful completion of ELI 142, Level IV: Academic Skills: Advanced Level Writing, a student in the HELI program may register for WRI 100, College Writing I. Only credits earned in 100-level courses are applicable toward a bachelor's degree at Heidelberg University.

### **Library and Instructional Services**

Beeghly Library and the Instructional Resource Center (IRC) support the education, research, and information needs of the University community. In addition to its physical holdings of print and media formats, the library provides extensive access to electronic books, journals, and research databases. Membership in the OPAL and OhioLINK library consortia allows access to the combined collections of 121 Ohio university and college libraries. Services include in-person and virtual reference assistance, access to on-site and off-site information, and library research classes. The library web site provides access to the Library Catalog, research databases, and information on services. Circulation policies for items owned by Beeghly Library and for items borrowed from other OhioLINK and OPAL Libraries are also available on the library website.

The Instructional Resource Center provides materials and equipment, as well as personalized instruction in preparing media projects and use of the equipment. The IRC collection includes a sample school textbook collection, and children's big books.

The University Archives, housed in University Hall, is a division of Beeghly Library. Their services include collecting and maintaining documents and materials on the history of the university, assisting individuals researching Heidelberg, creating displays about Heidelberg, and hosting groups interested in the history of the institution and the archival collections.

### **National Center for Water Quality Research**

Individuals desiring career-oriented experiences in the natural science fields may participate in the ongoing research programs of water quality studies involving northern Ohio streams and Lake Erie. The Heidelberg National Center for Water Quality Research, which was founded within the Heidelberg Department of Biology in 1969 as the Sandusky River Project, has involved a number of students through course and laboratory work, internships and part-time work. Since its founding, the laboratory has been supported by grants from governmental and private agencies totaling about \$5 million. The NCWQR's water analysis laboratory at Heidelberg is one of the best-equipped facilities of its type in the nation and plays a central role in the University's environmental science major.

Heidelberg students interested in the environment can benefit from the opportunity to study in the four nature preserves possessed and managed by the University within a 15-mile radius of the campus. These woodlots, the gifts of alumni and friends of Heidelberg, total 91.8 acres.

### **Post Baccalaureate Studies**

Beginning in June 1987 a Master of Arts in Education degree program was instituted. This program is designed to improve teachers' classroom competencies and leadership capabilities.

In January 1989 a Master of Arts in Counseling degree program was instituted. This program is designed to develop in students the knowledge, skills and attitudes needed to professionally provide counseling services to clients in school and non-school settings.

In August 1995, a Master of Business Administration degree program was begun. The purpose of this program is to develop in students the knowledge and skills needed for general management, including the capacities of understanding, judgment and communication leading to action.

In June 2009, Heidelberg opened a Master of Music Education degree program. This program is designed as a practical approach for in-service music educators. The program will also prepare students for further graduate study, especially for a doctorate in music education.

### **Residency**

Curriculum requirements stated as in residence requires the course to be completed through Heidelberg or in an approved program of study when studying off-campus.

### **Active-Duty Servicemembers**

Active-duty servicemembers and their adult family members (spouse and college-age children) must complete at least 25% of the degree requirements for all degrees in residence. In addition, there are no “final year” or “final semester” residency requirements for active-duty servicemembers and their family members. Academic residency can be completed at any time while active-duty servicemembers are enrolled. Reservist and National Guardsmen on active-duty are covered in the same manner.

### **ROTC Program**

Heidelberg University has an agreement with Bowling Green State University for students who wish to take Air Force and Army ROTC courses for the purpose of earning appointments as commissioned officers. A maximum of 20 semester hours may be applied toward the Heidelberg University bachelor's degree. Students are required to complete and sign a learning contract, available in Heidelberg's Registrar's Office, prior to enrollment with Bowling Green State University in ROTC courses.

#### **Air Force ROTC**

The Air Force Reserve Officers Training Corps (AFROTC) program, offered by the Department of Aerospace Studies, provides college-level education to prepare interested men and women for commissioning as second lieutenants in the United States Air Force. The program emphasizes leadership, managerial skills and the development of each student's sense of personal integrity, honor and individual responsibility. Additionally, there is no military commitment in taking the course. A commitment decision is not required unless offered a scholarship, or after a student's sophomore year in the program. Scholarships may provide up to full college tuition, required fees, textbook allowance and pay the recipient \$350-500 per academic month (tax-free). See [www.bgsu.edu/departments/airforce](http://www.bgsu.edu/departments/airforce) or call (419) 372-2176 for more information.

#### **Army ROTC**

Army ROTC offers the chance to enrich college experiences and achieve full potential while attending college and after graduation. Each year about half the program's graduates begin civilian careers in the chosen field. The other half choose to serve full time on active duty and make the Army a career. ROTC graduates routinely secure leadership positions because they are self disciplined, capable of leading others and managing resources. All graduates, whether they choose the National Guard Reserve or Active Duty, complete about four months of specialty training in one of the Army's 16 major branches. Army ROTC offers a wide range of financial assistance.

Further information on these programs is available from the Office of the Vice President for Academic Affairs. Course numbers and descriptions can be found on the BGSU website [www.bgsu.edu](http://www.bgsu.edu) under AERO for Air Force courses and MSL for Army courses.

### **Transcript of Credit**

The Office of the Registrar is the official office to release a student's academic record which is a chronological listing of all coursework and degrees attempted and earned. The University offers secure electronic transcript delivery and paper copy. In partnership with Credentials TranscriptsPlus®, Heidelberg University is able to provide official transcripts delivered through TranscriptsPlus® to network and out of network recipients. Directions are available at the registrar's website to assist in the transcript request process. Rates are subject to change based on current US Postal Service charges; all fees are posted on the transcript ordering website. Electronic transcripts are generally sent every twenty-four hours when ordered online. In office requests are processed weekly, generally five to seven business days. Immediate transcript

processing is available for \$15.00, plus the transcript fee. Transcripts will not be released when there is an active hold on your account.

### **Transient Student**

Degree-seeking students who wish to receive credit earned at another accredited institution (refer to Transfer Policy) must have written approval from their University academic advisor; the Transient Student Permission Form should be used for this purpose. To determine course transferability, the subject Department Chair/Program Director will review the course when the course is not a part of an Articulation Agreement. Once the Transient Student Permission Form is completed and submitted, the Office of the Registrar may approve the contract. Any course work taken off campus is held to the Transfer Policy guidelines. See also the course repeat policy when a course is eligible to be taken as a course repeat.

Students are not permitted to take a course(s) off campus within the senior year of coursework. This rule may be petitioned; see the Office of the Registrar for details.

## ► **ACADEMIC SCHOLARSHIP**

### **Awards and Fellowships**

The Office for Undergraduate Awards and Fellowships serves as the location for faculty sponsors of undergraduate students and recent graduates seeking institutional sponsorship for competitive awards and fellowships such as Rhodes, Marshall, Fulbright, Luce Scholars, and Carnegie Junior Fellows.

The office is located in the historic Bryenton Honors Center and is under the supervision of the Director of the Honors Program. The Honors Committee serves as an advisory panel to assist with program design and operation of the Office for Undergraduate Awards and Fellowships.

### **Honorary Groups**

**Alpha Alpha Alpha** is an interdisciplinary national honor society for first-generation college students. Tri-Alpha promotes academic excellence and provides opportunities for personal growth, leadership development, and campus/community service for first-generation college students. Induction into Tri-Alpha requires a minimum GPA of 3.2 and students must come from a family where neither parent nor any legal guardian earned a bachelor's degree.

**Alpha Lambda Delta** is a first-year and sophomore honorary based on scholastic achievement of a 3.5 GPA. The purpose of the organization is to promote scholarship and provide intellectual stimuli to the campus, especially the underclassmen.

**Alpha Psi Omega**, a national honor society, gives special recognition to college and university students who excel in the theatre arts. Members are selected from the upper three classes for their outstanding stage performance and backstage work.

**Beta Beta Beta**. The Eta Beta chapter of Beta Beta Beta is an honor society for biology students with superior academic records. The purpose of this society is to stimulate sound scholarship, promote the dissemination of scientific truth and encourage investigation in the life sciences. Beta Beta Beta is affiliated with the American Institute of Biological Sciences.

**Delta Mu Delta**. is the International Honor Society for business, founded in 1913 to recognize and encourage academic excellence of students to create a Delta Mu Delta community that fosters the well-being of its individual members and the business community through a life-time membership. Membership is open to undergraduate students with a minimum of 3.25 GPA who have completed 24 hours in the School of Business program and graduate students with a minimum of 3.6 GPA who have completed 24 hours in the School of Business.

**Delta Phi Alpha**. The Heidelberg Epsilon Psi chapter of this German honor society was recognized in 1965. Membership invitations may go to students who have a minimum of two years of college German, are registered in a German 300 or 400-level course, hold a 3.3 GPA average in German, a minimum 2.7 cumulative GPA, and are recommended by the Department of German faculty.

The Honor Society is Heidelberg's only all-University scholastic honor society. Each spring faculty and staff members of the Society elect new members who are seniors and candidates for a bachelor's degree. New members must have a cumulative GPA of at least 3.5, rank in the top 15 percent of the graduating class and be projected to complete at least 60 credit hours at Heidelberg by the end of the semester. The required GPA for membership into the Honor Society will be considered using only Heidelberg grades. Candidates must also have completed a specific distribution of coursework. Acceptable distributions include the general education requirements for the B.A., B.S., B.M., and B.S.N. degrees as well as the distribution requirements of the Honors Program. Transfer students who fulfill the same requirements described above are also eligible for membership.

Iota Tau Alpha, Athletic Training Education Honor Society's purpose shall be to function as an honor and professional society for students of Athletic Training Programs. The Beta Gamma Chapter of Iota Tau Alpha activities shall be designed to stimulate interest, scholarly attainment, investigate in Athletic Training Education, and promote the dissemination of information and new interpretations of the Society's activities among students of Athletic Training Programs.

Kappa Delta Pi, a national honor society, is open to juniors and seniors in the Department of Education who have high scholastic standing, adequate professional interest and desirable social qualities. Select sophomores are admitted as provisional members.

Omicron Delta Kappa, national scholarship and leadership organization. Students must have a 3.0 grade point average and have shown leadership skills on campus.

Order of Omega is a leadership honor society for members of Greek-lettered organizations recognized by the Greek Life Council. Founded originally in 1987 and refounded in 2016, the Theta Alpha Chapter of Order of Omega at Heidelberg University recognizes juniors and seniors who have exemplified high standards in the area of scholarship, leadership, involvement within their respective organization and within the Fraternity/Sorority, campus, and local community. Membership is limited to 15 initiates a year and initiates must have a minimum cumulative GPA of 3.0 to be accepted.

Phi Alpha Theta. Students are eligible for nomination to Heidelberg's Delta Gamma chapter of this history honorary if they have completed 12 semester hours of history with an average of at least 3.1, and have maintained at least a 3.0 average in other subjects.

Pi Kappa Delta, Heidelberg's Ohio Beta chapter of the national forensic honor society, is open to men and women who distinguish themselves in public speech.

Pi Sigma Alpha is Heidelberg's chapter of the National Political Science Honor Society. The chapter was founded in 2012. To qualify, students must have completed at least half the credits required for the baccalaureate degree; completed at least 10 semester hours of work in political science, including at least 1 course at the 300-level or higher; have maintained at least a 3.0 average in political science courses; and have maintained an overall GPA ranking her or him in the top one-third of her or his Heidelberg class.

Psi Chi is the National Honor Society in psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. Membership requirements are psychology majors or minors with 9 hours or more in psychology, completed at least 3 semesters of college, 3.0 GPA in psychology courses, a minimum 3.0 overall GPA and rank in the upper 35 percent of their class.

Sigma Delta Pi, national Spanish honorary, recognizes and encourages high academic achievement in Spanish.

Sigma Iota Rho is Heidelberg's chapter of The Honor Society for International Studies. The chapter was founded in 2012 and recognizes high academic achievement in international studies. Juniors and seniors are eligible to join. Inductees must have completed a minimum of 5 international studies courses, achieved a minimum 3.3 average in their international studies courses, and earned a minimum cumulative GPA of 3.0.

Sigma Tau Delta, national English honor society, recognizes and encourages high achievement in English. The Alpha Mu Chapter was established at Heidelberg in 1972. Sophomores, juniors, and seniors of any major or minor are eligible to join. Candidates must have completed a minimum of 12 semester hours in English literature and/or writing by Spring semester of the application year.

Applicants should have an overall GPA of at least 3.3, with a cumulative GPA of 3.6 or above in their literature and writing courses.

**Tau Mu Sigma**, honorary musical organization, selects members on the basis of musical ability and general scholastic standing. Its program encourages masterly musical achievement and good fellowship.

**Tau Pi Phi**, a national business honorary, recognizes and encourages high academic achievement in business administration, accounting and economics; encourages the practices of highest ethical canons in business; and fosters the social nature of business. The honorary is open to those who have completed 20 hours accounting, business and economics and have a GPA of 3.0 or higher. The charter for Heidelberg's chapter of Tau Pi Phi was granted in 1972.

### **Honors Program**

Specific descriptions of curricular components of the Honors Program appear in the Honors Program Handbook, which is revised yearly. In addition, the Honors Program Handbook includes forms such as service-learning and senior-project contracts as well as policy statements for the program.

### **Admission to the Honors Program:**

First-year students entering Heidelberg are invited to apply for acceptance into the Honors Program when an ACT score of 27 or higher or SAT score of 1280 or higher; and a high school GPA of 3.5 or higher or class rank is in the top 10%. Students who did not meet the criteria initially may apply to the Honors Program when a cumulative GPA of 3.5 or higher is earned after completing 15 semester hours but before completing 56 semester hours. Eligible students must contact the director of the program for further information. Refer to HONORS PROGRAM in the Courses of Study section of this Catalog for course offerings and degree requirements.

## **► COURSE REGISTRATION AND POLICIES**

Individual students are responsible for registering into classes each semester and managing their degree completion requirements. Registration dates are available on the Academic Calendar website. A student with an account hold is not permitted to register until the hold has been rectified. Registration is determined by class standing – see Class Standing, which is based on hours passed. Each class level is given a day to register but will be given access to make adjustments at the conclusion of the freshmen registration. Students may register into the first week of classes (see Course Add/Drop).

### **Course Levels**

Course descriptions are located within the Course Descriptions section of this catalog. The level of a course is indicated by its number. Courses in the 100's are intended for first-year students; those in the 200's are open to sophomores; those in the 300's, to juniors and seniors and those in the 400's, to seniors only. A student may take courses at his or her level or lower, but never above his or her level except under special circumstances with the approval of the Department Chair.

### **Course Offerings**

The times and days for class sessions and the rooms in which they are held is listed in the Schedule of Classes, located on the University website at [oasis.heidelberg.edu](http://oasis.heidelberg.edu). For planning purposes, an effort is made to indicate the semester in which a course will be offered. For uniformity, the notations are based upon the academic year dates. For example, "Fall, even-odd years" means Fall of 2020–21, Fall of 2022–23, etc.; "Spring, odd-even years" means Spring of 2021–22, Spring of 2023–24, etc. If fewer than ten students elect a course, or if unforeseen difficulties arise, the University reserves the right to withdraw it from the schedule without further notice. Demand for certain courses or staff conditions may also necessitate a change in the usual sequence.

### **Class Standing**

A student's class standing is determined by the number of credit hours passed. Class standing is a completion of semester hours: Sophomore status, at least 24 semester hours; Junior status, at least 56 semester hours; and, Senior status, at least 88 semester hours.

### **Course Add/Drop**

A student has the ability to add and drop courses via OASIS when within the policy dates. Official dates are listed on the University website. Students on Academic Warning, Probation

and in the AIM Hei Program must obtain a Registration Pin to complete course registrations. Students identified as needing assistance with registration may also be given a Registration Pin or an Advising Hold.

A student with an account hold preventing OASIS course changes must complete a Registration Card within the Office of the Registrar. To add or drop a class within policy dates, the student must gain permission from the area placing the hold on the account. If granted, the student will complete the transaction within the Office of the Registrar.

#### Course Add

A student is permitted to add a course via OASIS up to five business days after the first day of the term. For compressed terms, see the Academic Calendar on the Inside Heidelberg website. A student may appeal for a late add, no later than the last day of regularly scheduled classes, with approval from their academic advisor, the course instructor and department chair, using the Late Add Agreement available on the Inside Heidelberg website. Approval by the School Dean may be required in extenuating circumstances.

#### Course Drop

A student dropping a course immediately following the last day to add and preceding the last day to drop will earn the letter grade of "W" on the official academic transcript.

A student is permitted to drop a class via OASIS until 60% of the course has been completed from the first day of the start of classes for any semester or term; dates are posted on the Academic Calendar page on the Inside Heidelberg website.

A student who wishes to drop a course after the last day to drop until the end of the term will earn a "WF" withdraw fail grade and should drop the course within the Office of the Registrar. A student has the right to appeal the "WF" grade when circumstances are beyond their control. A student petitioning will follow the Grade Appeal Policy. A student petitioning for medical reasons should follow the Student Handbook policy and will inquire to the Dean of Student Affairs.

#### Course Drop/Withdrawing from the University

A complete withdrawal from courses is not permitted via OASIS. A student who wishes to withdraw from the University is held to the Course Add/Drop policy deadlines and should complete the following. 1. Complete the online withdrawal form found on OASIS. 2. Complete an exit interview with the Dean of Student Affairs. 3. Obtain the withdrawal financial form from the Dean of Student Affairs, have the form signed by the Office of Financial Aid and the Business Office and return the form to the Dean of Student Affairs. Once Steps 1 – 3 are finalized, the Dean of Student Affairs will notify the Office of the Registrar to complete the course(s) withdrawal.

#### Administrative Withdraw, Course or the University

A student who has not enrolled by the last day to add a class will be administratively withdrawn from the university as an involuntary withdraw. The Dean of Student Affairs and Provost may administratively withdraw a student for behavior or when a student shows indifference to studies. A student who stops attending a class should not expect to be administratively withdrawn from a course as it is ultimately a student's responsibility to withdraw from any or all courses.

#### **Course Attendance, Explained Absence**

Attendance at class sessions is expected of students. The instructor is responsible for informing the class in writing at the beginning of each course about the class attendance policy and the steps to be used to implement this policy. Indifference to class attendance may result in the student being administratively withdrawn from the class.

Individual faculty members determine the attendance policy for each class, which should be clearly stated in the course syllabus. However, there are some circumstances that warrant special consideration to determine whether accommodation is possible. These cases are referred to as explained absences. The complete policy is located within the Student Handbook located on the Inside Heidelberg website.

#### **Course Honors**

In certain courses (as determined by the instructors themselves) capable students will have an opportunity to elect an additional project beyond the presented syllabus. When the project is successfully completed, and achieve an A or B level in the regular assignments, the student will



receive Course Honors. Course Honors are designated on the transcript. The additional work, which is designed to encourage independent effort, will broaden and enrich the course. The project will be substantial enough to demand at least an additional 30 hours of a student's time in a 3-hour course.

### Course Load

A typical course load ranges between 15–18 credit hours per semester. For a student to graduate in four years, an average of 15 credit hours per semester is needed. A degree in Bachelor of Music or Bachelor of Science in Nursing may require a higher credit hour load in some semesters. Full-time status begins at 12 credit hours per semester. Students are permitted to register for a maximum of 19 credit hours without special permission. Hours beyond the registration limit require permission from the Associate Vice President for Academic Administration, Honors, and Faculty Support; the online form is available on the Office of the Registrar, Inside website. To receive credit, a student must register for all courses to be pursued during a semester. Refer to the Tuition and Fees section for credit hour charges.

### Course Override

When students wish to enroll in a course but are unable to register for that course due to one or more of the reasons below, students may contact the instructor of record to request that an appropriate course override be submitted on OASIS.

1. The course is full.
2. The course requires instructor, Honors, or department approval.
3. The course has prerequisites or corequisites.
4. The course is linked to another course (e.g., a laboratory).
5. The course is open to majors only.
6. The course is open only to students in a specific class or level.

If there is no identified instructor of record, the student may contact the department chair or director. Students are required to register for the course after an override is granted.

If a student wishes to enroll in two courses that are offered at the same time or at overlapping times, the student must obtain approval. The student must complete and submit an approved Time Conflict Course Contract. The form must be completed by instructors in both courses, and submitted to the designated administrator and the Registrar's Office for processing. The Time Conflict Course Contract is available in the Registrar's Office or on the Registrar's website.

Faculty members are under no obligation to provide overrides for any of the reasons listed above.

### Departmental Credit by Exam

University students have the opportunity to request a Credit by Examination from University Departments with an Exam option available. Available examinations and available dates can be found by contacting individual departments. Credit by Examination is ideal for students who might have life experience or experienced a similar course but did not earn University credit. Fee structures are published within the current year's University Catalog. Students who take a Language Exam and are placed into a 300 or higher language are eligible to apply for the Credit by Exam at the available 201, 202 course level. For this instance only, the Exam fee will be waived.

### Exemption Exams

The University offers an opportunity for exemption from one or two freshmen level courses. Public Speaking and Engagement (COM 100) and College Writing II (WRI 101) exemptions are offered twice a year. Students are permitted to take each exam once, and those who pass will not gain University credit; rather, they will have fulfilled the general-education requirement for the course in question. (Note: Communication and Integrated Media majors are not permitted to participate in the COM 100 exemption exam.) Inquire with the Communication and Media, and English Departments for testing dates.

College-Level Examination Program (CLEP), Advanced Placement (AP), International Baccalaureate (IB) and other college-level testing center programs are listed on the University website for complete policy guidelines.

### Examinations/ Absence from Examinations

Each course includes an evaluation of the student's work. This evaluation may include a final examination or it may take the form of a seminar paper, a recital or a special project. If a student is absent from an evaluation session without an excuse, he or she may receive an F in the course. If the student is absent under extremely extenuating circumstances without excuse from a previously announced examination or test during the semester, the instructor may grant a makeup examination.

### Independent Arrangement

Academic departments may offer a course via independent arrangement. To consider approval for an independent arrangement, the course must be required within the student's degree program; the student must have no more than 60 semester hours remaining in their degree program; and, the student is unable to take the course through no fault of the student, e.g. the course is not scheduled at a time the student can take it, and there are no course substitutions available to the student. Students with time conflicts between courses will complete a Time Conflict contract.

An independent arrangement must be agreeable to the faculty member offering the course, the student, Department Chair, Dean, and Provost when applicable. Students will obtain an Independent Study/Independent Arrangement contract from the Office of the Registrar, Inside Heidelberg website.

### Independent Study

Academic departments may offer a student the option to learn via independent study. An independent study covers a topic of interest to the student and may involve research, and/or extensive work outside of a classroom. Such an option is identified as Independent Study, Independent Research, or Individual Study. This option is not available for a current course that is not already identified as Independent Study/Topics. Students with time conflicts between courses will complete a Time Conflict contract.

An independent study must be agreeable to the faculty member, the student, Department Chair, Dean, and Provost when applicable. Students will obtain an Independent Study/Independent Arrangement contract from the Office of the Registrar, Inside Heidelberg website.

### Instructional Credit Hour

The United States Department of Education requires that each institution develop a written credit hour policy that conforms to the definition of a credit hour under 34 CFR 600.2. The Department of Education defines a credit hour as:

An amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. One hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time, or;
2. At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

The Ohio Department of Higher Education defines credit pursuant to Chapter 1713 of the Ohio Revised Code and Chapter 3333-1.08 of the Ohio Administrative Code.

**Credit hour:** A minimum of 750 minutes (semester credit hour) of formalized instruction that typically requires students to work at out-of class assignments an average of twice the amount of time as the amount of formalized instruction. Credit hours may be calculated differently for other types of instruction (e.g., laboratory experience, directed practice experience, practicum experience, cooperative work experience, field experience, observation experience, seminar, and studio experience) as long as the credit hour calculations align with commonly accepted practices in higher education and with the regulations of regional accreditors and the federal financial aid program.

1- Ennis, R.H. (1991). *Critical thinking: A streamlined conception*. *Teaching Philosophy*, 14(1), 5-25.

### Equivalence of course offerings

Student learning outcomes for a course, and the approximate amount of student effort/time for a typical student required to meet those objectives, shall be reasonably equivalent regardless of the instructor or the modality of instruction used. The Faculty is responsible for the communication of course learning outcomes, clearly communicating the goals of unsupervised learning effort/time (homework), and assessing the achievement of individual student mastery of the course learning outcomes. Every course offering is expected to have approximately equivalent student learning outcome goals and to require approximately the same amount of student effort, regardless of the particular instructor or record or the modality of instruction. For example, online courses which have traditional lecture course equivalents are expected to require and to demonstrate equivalent student effort/time and achievement of student learning outcomes. The responsibility for the oversight of equivalence lies both with the instructor of record of each instance of the course specifically and the curricular oversight bodies of the Faculty in general.

### Assignment of credit hours for various course modalities

**Traditional lecture course.** Each credit hour consists of 750 minutes of supervised/scheduled instruction or assessment activity and a minimum of 1,500 minutes of out-of-class “homework” or other unscheduled learning activity.

For example, consider the typical three (3) credit hour traditional lecture course which includes at least 2,250 minutes of scheduled classroom time and 4,500 minutes of homework over the term of instruction.

**Hybrid courses.** This modality uses the same requirements as fully online courses with the exception that each credit hour may include on-campus scheduled direct/in-person faculty-directed instruction or assessment.

**Short courses.** Short courses are expected to achieve the same student outcomes and thus require the same overall effort/time as long-form course equivalents.

**Studio course.** In studio courses representing art forms each credit hour is equivalent to 1400 minutes of direct faculty instruction and a minimum of 850 minutes for studio class preparation.

**Guided Practice.** Guided practice sessions describe practical application of course material and skills learned in lecture under the supervision of the course instructor. Guided practice is a component of out-of-class assignments. Guided practice sessions throughout the duration of the course, generally includes no less than 750 minutes but no more than 1,500 of supervised practical application of material learned in the classroom.

**Lab courses.** For the typical laboratory course, at least two-thirds of the course effort/time are scheduled directed laboratory time. Any remaining effort-time is spent on unscheduled learning activity supporting the laboratory. In this modality, each credit hour of a typical laboratory with homework consists of 1,500 minutes of scheduled laboratory activity supported by 750 minutes of homework. Each credit hour of a typical laboratory without homework consists of all 2,250 minutes of effort/time as scheduled laboratory activity.

**Musical Ensembles.** Musical ensembles are classes or rehearsals in which all students are following a similar set of objectives or instructions. Content in musical ensembles is derived from the repertoire studied, as well as from in-class discussion and instruction. A minimum of 180 minutes of rehearsal time per week constitutes one credit hour.

**Applied Music (individual lessons).** 1 credit hour for applied music consists of a minimum of 30 minutes face-to-face instruction time per week, plus a minimum of 240 minutes student practice time per week.

**Other courses.** Student teaching, clinical experience, cooperative education, internship, field placement, experiential learning activity, independent study, thesis, non-contact courses, or other academic work which fit no other classification may receive credit if the work is performed under the supervision of and with approval from a member of the Faculty, with a formal written agreement noting the nature of the academic work, approved also by the appropriate program director, chair, or similar overseeing authority at a program-wide level. In this modality, each credit hour consists of no less than 2,250 minutes spent on approved work during the term of instruction. Specific curriculum/programs may require more hours in order to award one credit hour. Credit for these experiences may be determined in accordance with recommendations of a program’s specific accreditor or applicable regulations.

## Review and Compliance

Academic units are responsible for monitoring compliance with the instructional credit hour policy. Department chairs will periodically review syllabi for courses offered in their academic unit to ensure compliance. An assessment of compliance will be part of the regular program review conducted by the University.

New courses must demonstrate compliance with the policy when submitting proposals to the Undergraduate Curriculum Committee or the Graduate Studies Committee. The Committee will review proposed courses to ensure that they meet the requirements of the policy.

## Remedial Coursework

No credit toward a degree will be given for work below the first year college level which is indicated with a preceding "0" in the course number.

## ► GRADE REQUIREMENTS

### Dean's List

After the completion of each semester, the Vice President for Academic Affairs and Provost of the University publishes a list of those full-time students who attained an average of at least 3.500 during the semester and have no grade below a "C" (2.000 quality points). To be eligible for the Dean's List, students must complete at least 5 semester hours that contribute to the GPA. A student receiving an incomplete (I) is not eligible for the Dean's List until the grade is resolved.

### Grading System

The quality of work done by a student is indicated by the symbols, A (-), B (+/-), C (+/-), D (+/-), F, FN, FAHV, NG, P, U and S. An A indicates the highest standard of work; B indicates good work; C indicates competent work; D is minimal passing work; F or U indicates outright failure, and FN indicates outright failure due to non attendance or stopped attendance without an official withdrawal. Grades P or S indicate a letter grade of "C" or better. Grade of FAHV may be awarded when an Academic Honesty Violation is deemed a Level Two Violation. At the close of each semester, a report of grades is available on-line to each student. If a student wishes to appeal a grade, a description of the procedure is available in the Student Handbook located on the Inside Heidelberg website and in the section Grade Change/Appeal.

Grades earned for course(s) from which a student withdraws are as follows:

1. A grade of "W" is recorded for each course dropped on or before the last day to drop courses. A grade of "W" is not calculated into the GPA.
2. A grade of "WF" is recorded for each course dropped after the last day to drop courses. A grade of "WF" is calculated into the GPA the same as an F.

### Repeat Course Grade

For a student who has earned a grade of C-, D, F, WF, or FN in a course and repeats the course, the cumulative point average will reflect the higher grade, although both grades will remain on the transcript (see also Academic Honesty Violation in the Student Handbook located on the Inside Heidelberg website for a grade of FAHV). The course must be repeated for the same number of semester hours at Heidelberg University. A course repeated more than once will be treated as a separate course with no replacement of a previous grade. Repeated courses where credit was earned will not accumulate additional hours towards graduation unless the course is designed to be a repeatable course. Students may retake HEI 101 even when the course subject is not the same. The course must be retaken in the subsequent semester the student is enrolled.

Students who gain permission to repeat a course as a transient student must meet the transfer course policy. A repeated course is the only time a transfer grade will be calculated into the student's grade point average for the semester taken and reflected in the cumulative grade point average.

### Incomplete Grade

If a student, through no personal fault, is unable to complete the course by the published end date, the student may request an incomplete grade (I). The instructor will outline all remaining work on the Incomplete Course Grade Agreement, which requires the signatures of the instructor and student. The Provost must approve all Incomplete Course Grade Agreements. A student receiving an Incomplete Grade must complete the work by the date stated on the Incomplete Course Grade Agreement, which can be no later than one year from the date of recording. A student cannot graduate until standard letter grades have been assigned for all

incomplete grades. (See Incomplete Grade Clause for Graduating Students under Graduation/Commencement.)

### Quality Points

Grade values are as follows: grade of A= 4.000; A-= 3.667; B+= 3.333; B= 3.000; B-= 2.667; C+= 2.333; C= 2.000; C-= 1.667; D+= 1.333; D= 1.000; D-= 0.667; F, FN, FAHV, WF= 0.000. Grades of AU, I, P, NG, U, S and W do not calculate into the grade point average.

### Point Average

The cumulative grade point average is derived by dividing the total number of graded hours for which a student has officially registered into the total number of quality points earned. The average is never rounded although truncated to the tenths or hundredths. The semester grade point average is calculated in the same way.

### Audit

A student wanting to attend a class but not wishing to receive a grade of credit for the course may register as an auditor. A student must declare the auditor status in a course by the "Last Day to Add Classes." This date is announced in the Academic Calendar. The degree of class participation acceptable or required shall be determined between the student and instructor and listed on the audit form, available on the Inside Heidelberg Registrar website. The completed audit form will remain on file in the Office of the Registrar. The class audited shall be noted on the transcript, and the instructor will award the grade of "AU" when the performance requirements outlined on the audit form are fulfilled, and the grade of "U" when the student fails to meet the requirements. A "Credit by Examination" is not permitted after taking a class for audit credit. An audited course may not be used toward degree requirements.

### Pass-Fail Courses

Students with a grade point average of 2.00, or better, are permitted with the approval of their advisor, to register for a maximum of four courses on a Pass-Fail basis, while enrolled at the University.

Courses taken as Pass-Fail will not count towards the major(s), minor(s), Honors Seminars or Honors Support Courses. A Pass-Fail arrangement is irrevocable; that is, the Pass-Fail may not be changed during the semester or at a later date to a letter grade. The Pass-Fail credit hours can be used to fulfill elective hours needed to meet the 120 credit hour graduation requirement.

Withdrawals will be handled according to the rules governing all courses (WF after the specified date). "Pass" should designate that the student did work comparable to C (2.00) or better. "Fail" equates to a C-, D (+/-) or F. A student wishing to register for a Pass-Fail course must obtain a Pass-Fail Agreement form from the Registrar's Office and submit it by the last day to add classes.

### Grade Change/Appeal

Heidelberg University course grades are calculated and assigned by the instructor who teaches the course. Once a student's final course grade has been officially recorded by the Registrar, the grade may be changed if, and only if, (1) a new grade has been determined under the Heidelberg University Student Grade Appeal Policy, or (2) a grade of Incomplete is replaced with a letter grade as specified in the current Heidelberg University undergraduate and graduate catalogs, or (3) the Provost of the University has assigned a lower grade in an academic honesty violation as specified in the "Heidelberg University Guidelines and Community Standards," or (4) an error in computing or in recording the grade has been identified by the instructor and has been verified by the instructor, the Department Chair and the Provost of the University as specified in the Faculty Manual or (5) the Faculty has acted under the powers specified in the Faculty Manual.

Students who wish to appeal a course grade must begin the process within the first regular semester following assignment of the final course grade. The complete Student Grade Appeal Policy is located in the Student Handbook located on the Inside Heidelberg website.

### Major and Minor Grade Requirements

Students following the 2015-16 catalog or a later catalog must maintain a cumulative GPA of 2.000 in all required major, track or concentration, and minor courses. In addition, students must earn no lower than a "C-" (1.667) in any such course. Required allied courses listed within a major are not held to the minimum "C-" (1.667), unless specified by the department.

Requirements for the Bachelor of Music or Bachelor of Science in Nursing are posted within each degree section of this catalog.

### **Major and Minor Grade Waiver**

Degree programs or departments that will accept a single “D” (1.000) or “D+” (1.333) grade for a major or minor requirement require students to request a course grade waiver; submitted as an email request to the program director or department chair. A student may be granted only one grade waiver in each major and/or minor. A waived grade remains included in a student’s major GPA calculation. Students will contact the Departmental Chair or Director for departmental procedures and policies to submit a grade waiver petition. Once a decision has been rendered, the Department Chair or Director will notify the Registrar’s Office in writing.

## ► **PROGRESSION REQUIREMENTS**

### **Satisfactory Academic Standing**

To remain in satisfactory academic standing, full-time students must maintain a minimum cumulative grade point average of 2.00 while completing a total number of credit hours that produces an average of at least 24 semester hours for each year of full-time enrollment. Students must complete the following:

- 24 hours within one year
- 48 hours within two years
- 72 hours within three years
- 96 hours within four years

The full-time semester equivalent for a student who has been enrolled on a part-time basis will be determined by total hours attempted. Grade point average is determined based on credit hours of all coursework for which a student remains enrolled beyond the course drop deadline (see Course Add/Drop Policy) and for which a grade has been recorded. Any student with a semester grade point average or a cumulative grade point average that drops below 2.00 is subject to Academic Probation and Suspension procedures. The purpose of these procedures is as early as possible to identify, warn, and provide assistance to students who do not maintain their academic standing.

While satisfactory academic standing is not evaluating credit hours passed each semester, students must understand that to graduate in a typical four-year time frame, an average of 15 semester hours is needed to reach 120 credit hours.

### **Academic Probation and Suspension**

Any students unable to maintain a semester and/or a cumulative grade point average of 2.00 are in danger of not maintaining their satisfactory academic standing, and will be subject to one of four status levels in the Academic Probation and Suspension Process: Warning, Probation, Suspension, or Dismissal. Students will be notified as soon as a change in academic status occurs.

### **Academic Warning**

Academic Warning is the least severe level in the Academic Probation and Suspension process. Students who are placed on Academic Warning are considered to be in satisfactory academic standing. Academic Warning is issued to students who meet any one or more of the following criteria:

- after completion of one semester on campus, have a semester GPA between 1.00 (inclusive) and below 2.00
- have a cumulative GPA of 2.00 or above but have earned a semester GPA below 2.00
- fail to achieve a passing grade in 50% of the courses officially attempted

Academic Warning serves as an opportunity to address any academic difficulties with the goal of preventing a student from being placed on Academic Probation. Students on Academic Warning must meet with their academic advisor within 10 business days of the start of the semester of academic warning. This meeting should focus on optimal use of campus resources and may include creating a Plan for Academic Improvement.

At the end of the semester in which a student is placed on Academic Warning, the student will either:

1. Be removed from Warning status by raising their cumulative GPA to 2.00 or above
2. Continue on Academic Warning for up to two additional semesters by earning a semester

- GPA of 2.20 or above, but failing to raise the cumulative GPA above 2.00
- 3. Continue on Academic Warning by earning less than a 2.00 semester GPA but maintaining a cumulative GPA of 2.00 or above
- 4. Be placed on Academic Probation by earning less than a 2.20 semester GPA and maintaining a cumulative GPA below 2.00

If, after the third semester, the cumulative GPA is below 2.00, the student will be placed on Academic Probation.

### **Academic Probation**

Academic Probation is an indication of serious academic difficulty that may ultimately lead to suspension or dismissal from the University. Probation appears on a student's official academic record. Students on Academic Probation are no longer in Satisfactory Academic Standing and are at high risk of not completing a degree. Students on Academic Probation must meet with their academic advisor within 10 business days of the start of the semester of Academic Probation to complete a Plan for Academic Improvement. Students on Academic Probation are required to evaluate their co-curricular and/or extracurricular participation and their campus employment in consultation with their academic advisor and in accordance with their Academic Improvement Plan. Plans must be submitted to the academic advisor and the Executive Director of the Owen Center (or designee) for performance monitoring before the end of the early course appraisal period. Academic Probation is issued to students who:

- have a cumulative GPA below 2.00 and a semester GPA below 2.00 after completing two or more semesters on campus
- have a cumulative GPA that remains below 2.00 after completing three semesters on Academic Warning

### **Plan for Academic Improvement**

Students on Academic Probation must complete a Plan for Academic Improvement with their academic advisor. The Academic Improvement Plan should demonstrate what steps the student will take to return to satisfactory academic standing, or a cumulative GPA above 2.00. Plans must be submitted to the academic advisor and the Executive Director of the Owen Center (or designee) for performance monitoring (owen-center@heidelberg.edu) before the end of the early course appraisal period.

At the end of the semester in which a student is on Academic Probation, the student will either:

1. Be removed from Academic Probation by earning a cumulative GPA of 2.00 or above
2. Continue on Academic Probation by earning a semester GPA of at least 2.00 but maintaining a cumulative GPA less than 2.00
3. Be subject to Academic Suspension by failing to earn a semester GPA of 2.00 or above

### **Academic Suspension**

Academic Suspension is an indicator of severe academic difficulty and appears on a student's academic record. Academic Suspension allows a student time to reassess academic and career goals, and/or resolve other causes for continued academic failure. Students on Academic Suspension may not take courses or participate in any extracurricular or co-curricular activities at Heidelberg University. Academic Suspension is issued to students who meet one or more of the following criteria:

- earn a first semester GPA below 1.00
- earn a semester GPA below 2.00 while on Academic Probation
- show indifference to their studies while on Academic Probation, as evidenced by, but not limited to, such behavior as failure to prepare for class, irregular class attendance, failure to complete assignments, etc.

Students wishing to resume their academic program at Heidelberg University following an Academic Suspension must follow the Academic Reinstatement procedures described below. Students may apply for reinstatement to Heidelberg University one full semester after a first Academic Suspension. After a second Academic Suspension, students must wait one year before applying for reinstatement. Any student earning a third suspension will be subject to Academic Dismissal.

### **Academic Dismissal**

Students who are issued Academic Dismissal may not enroll in any programs offered by Heidelberg University. Academic Dismissal is issued to students who meet either of the following criteria:



- have been issued Academic Suspension on two occasions and do not complete reinstatement criteria after completing the second suspension
- are suspended a third time

Students may only return to Heidelberg University under the conditions outlined by the University's Fresh Start Policy. (See Academic Fresh Start policy.)

### **Academic Reinstatement**

Students wishing to return to the University after a suspension must submit a Reinstatement from Suspension form (available from the Registrar's Office) to the Undergraduate Academic Policy Committee no later than fifteen business days prior to the first class day of the reinstatement semester. Students must also submit any transcripts for academic work completed at institutions other than Heidelberg while on suspension. Students may receive reinstatement conditions such as testing, advising, counseling, additional coursework, or other activities deemed necessary by the Undergraduate Academic Policy Committee (or their designee).

In the event of reinstatement, a student is automatically placed on Academic Probation and must complete the Plan for Academic Improvement. The Plan should include all of the reinstatement conditions deemed necessary. Failure to fulfill the Plan after reinstatement may result in dismissal.

Students who withdraw from the University while on probation or are serving a suspension are encouraged to enroll in college courses during their time away and then reapply to Heidelberg. Students who elect to attend a different institution may be placed under Academic Warning upon return to Heidelberg if transcripts from the other institution(s) meet Heidelberg's criteria to remove them from probation.

### **Appeal of Academic Suspension or Dismissal**

Reinstatement without serving a suspension is rare. However, mitigating circumstances may appropriately call for an appeal. Students seeking to appeal an Academic Suspension or Dismissal must submit to the Undergraduate Academic Policy Committee an Appeal of Academic Suspension form (available on the Inside Heidelberg Registrar website) including any documentation in support of mitigating circumstances no later than ten business days prior to the first class day of the semester of Academic Suspension or Dismissal. While the appeal is under review, students may not enroll in classes or participate in extra- or co-curricular activities.

In the event of a successful appeal, a student will automatically be placed on Academic Probation and must complete the Plan for Academic Improvement. Failure to submit and fulfill a Plan for Academic Improvement after an appeal will result in dismissal.

### **Academic Fresh Start**

The Fresh Start program provides a second opportunity to any former Heidelberg University student who has experienced past academic difficulties to have a fresh cumulative grade point average. The policy is designed for undergraduate students who have gained maturity outside higher education and have demonstrated that they are capable of being successful at Heidelberg University.

#### **Eligibility considerations:**

1. A student must have been absent from the college for a consecutive period of five years or more.
2. During the first semester back, the student shall be restricted to 16 credits or less.

Prior to petitioning for an Academic Fresh Start a student must complete one semester of academic work and maintain a minimum GPA of 2.0. If a student successfully meets all eligibility requirements, their record will be treated like that of a transfer student. This means that if the student has earned grades below a "C" at Heidelberg University before being granted a Fresh Start, these grades will not count toward their graduation requirements. Grades of "C" or better may be used towards graduation requirements. Upon approval of a Fresh Start, the student will receive a "0" GPA and may keep hours that have been accumulated to date. Graduation requirements shall be those listed in the catalog at the time of re-entry, NOT the student original matriculation.

Students will be approved for a Fresh Start only once during a student's academic career and it is not automatic or guaranteed. There is no guarantee, expressed or implied, that the Fresh Start policy will be recognized by any other college or university.

**Considerations:**

- The student's record will be inscribed with the notation "Academic Fresh Start Granted (date)."
- Previous academic record will appear on the transcript and can be calculated by graduate/professional schools or potential employers if they so choose.
- The granting of Academic Fresh Start does not supersede the dismissal policy. Any dismissal that occurred in the past shall remain recorded on the student's permanent record.
- Re-entry into any program is not automatic. The granting of Academic Fresh Start may not supersede the admissions requirements of certain programs, which require a specific minimum grade point average based upon all coursework.

**Procedures:**

1. A student who is interested in pursuing an Academic Fresh Start must complete an online petition form and submit it to the Provost. This must include:
  - a. A formal letter asking permission to participate and a statement of the projected benefits if allowed back into the University under provisions of the Academic Fresh Start Program.
  - b. A summary of events supporting the academic record during the student's previous attendance at Heidelberg University. Any supporting documents outlining the unusual circumstances (personal, emotional, medical, financial) should be included.
  - c. Any recommendation letters from employers that support the student's development and successes from the time the student departed from Heidelberg University.
  - d. A letter from an academic advisor or other faculty member describing positive academic progress and the potential for academic success.
2. The deadline to submit a completed petition is after a minimum of 12 credit hours, but not more than 32 credit hours have been taken at Heidelberg University.

**Eligibility for Intercollegiate Athletes**

Students may participate in intercollegiate athletics provided they are enrolled in the University on a full-time basis and are in satisfactory academic standing (see Progression Requirements for Satisfactory Academic Standing policy) and must also complete a total number of credit hours that produces an average of at least 24 semester hours for each year of full-time enrollment. Therefore, students must complete:

- 24 hours within one year
- 48 hours within two years
- 72 hours within three years
- 96 hours within four years

Students must also meet the eligibility requirements for these activities as required by the Ohio Athletic Conference and the National Collegiate Athletic Association, Division III.

**Eligibility for Co-Curricular Activities**

Students maintaining satisfactory academic standing (see Progression Requirements for Satisfactory Academic Standing policy) are eligible to hold any class or elective office on the campus or to represent the University in certain collegiate or off-campus activities. Part-time students may participate in some co-curricular activities.

**► GRADUATION/COMMENCEMENT**

Graduation is the completion of all degree requirements as recorded on the official transcript. Commencement is the ceremony that celebrates the completion of a degree. Participation in the commencement ceremony does not imply that a student officially graduated. The diploma is a commemoration of your achievement. Official certification of your degree is made only through the official transcript or through the certification service of the National Student Clearinghouse (NSC).

Conferral also known as degree completion is evaluated on a rolling basis and once completion is certified, the completion date will be recorded on the student record. Diplomas are distributed three times per year. There is one commencement ceremony at the conclusion of the full Spring Semester. Diploma distribution deadlines are August 25, December 22 and the last day of the semester prior to commencement exercises. For further information on the required documentation, please contact the Office of the Registrar or see the website at Inside Heidelberg/registrar.

### **Incomplete Grade Clause for Graduating Students**

Students receiving an incomplete grade because of a course requirement that occurs after the term ends as documented within the course syllabus, shall be eligible for all honors and awards. The University recognizes that these outside events are a significant part of the student experience and that the student should be permitted to participate in award assemblies. In the event that the incomplete grade lowers the student's academic record to no longer be eligible for these honors, the student will be required to return all medals and memorabilia to the University no later than two weeks following the Incomplete grade becoming a letter grade. Those students who do not return their medals and/or memorabilia by the deadline will incur a replacement fee.

This exemption clause does not permit the student to meet degree requirements. Students will be permitted to walk at commencement and will be eligible to meet degree requirements once the incomplete grade becomes a letter grade.

### **Departmental Course Honors**

The departments which offer honors register their candidates in a year-course listed as 475-476 (3 hrs. each semester). A Departmental Program Committee formed by the department administers the project. To receive departmental honors at commencement a student must satisfy the following requirements:

**Junior Year:** The head of the department in which the student has chosen to work toward departmental honors presents the candidate's written application to the other members of the department. Before the end of the junior year, the candidate defines his or her project for independent research, to be conducted during the senior year, and obtains the approval of the head of the department. If the student has an adequate command of a foreign language, he or she should be encouraged to use it as a tool in his or her research.

**Senior Year:** The student who has elected to attempt departmental honors will be asked to achieve two things in the senior year.

1. To work out an independent research project.
2. To write a comprehensive examination.

For the independent research project the student will receive six semester hours of credit, three each semester. He or she will prepare progress reports, submit a thesis not later than three weeks before the end of the last semester and take an oral examination over the area of independent research. Shortly before the end of the last semester, the candidate will write the comprehensive examination. It will test integration and comprehensive understanding of the entire field of the department (or of a more limited area originally agreed upon) regardless of courses taken.

### **Latin Honors**

Latin honors are Latin phrases used to indicate the level of distinction with which an academic degree has been earned. Three distinctions of honors are conferred at graduation: highest honors, *summa cum laude*, to those who have attained a point average of at least 3.900; high honors, *magna cum laude*, to those who have attained a point average of at least 3.700; honors, *cum laude*, to those who have attained a point average of at least 3.500.

These honors are recorded on the diplomas of the students earning them and are published in the commencement program. Honors are based only upon credit earned in courses taken at Heidelberg University. Students may receive these honors provided they have spent the last two years and completed 60 hours of coursework at Heidelberg University.

### **Posthumous Degree**

A request for the awarding of a posthumous degree may be initiated by the deceased student's family, or by a representative of the university, to the Associate Vice President for Academic Administration. The following procedure will apply:

The Associate Vice President for Academic Administration will review the student's record to determine:

- if the student was enrolled at the time of death or was an active-duty member of the U.S. Armed Forces, federal military reserve forces, or National Guard;
- if at least 80% of the program requirements had been met by the student; and if the deceased student's cause of death was not due to any unlawful activity by the student.

Finding all conditions to be met, the AVPAA will submit a formal recommendation to the Provost. If approved, the Provost will notify the University Registrar to add the degree to the student's academic record. The University Registrar will record the degree and order the diploma. Separately, an entry will be made to the student's academic record indicating that the record has been sealed at the student's death.

Procedure for the distribution of the diploma posthumously or in absentia:

The diploma will be presented to the family in the following manner:

- at the graduation ceremony, or
- in a private ceremony at an agreed upon time and location.

In an emergency where a student at the last minute cannot participate in commencement, the Provost will contact a family member to inquire their wishes to accept the diploma on the student's behalf. The following will occur:

if the family accepts the invitation to participate in commencement, the Provost or designee will finalize arrival details with the family and the Events Coordinator; or

if the family declines the invitation to participate in commencement, the Provost or designee will finalize the location and date for diploma delivery.

## ► INTERNATIONAL AND ALTERNATIVE EXPERIENCES

Information regarding study abroad experiences is available in the Office of International Affairs and Studies. Short term, summer term, work or international internship opportunity information is also available. The Heidelberg University Travel Policy requires approval from the Dean of Student Affairs for any travel to an area with potential risks listed on the Department of State Travel Warnings.

### **The American Junior Year, Semester or Summer Study at University of Heidelberg, Germany**

Since 1958, Heidelberg University students have had a unique study abroad option available to them. For a summer, a semester or a full year, students can live and learn the German language through the University's program at University of Heidelberg, Germany. Total immersion in the German culture is the University's goal, therefore all coursework and communication which takes place in the University's German office is conducted in German. Students from all areas of the United States are accepted for participation in the American Junior Year Program although Heidelberg University students have advantages in applying for admission.

To be eligible for admission into the program, a student must have obtained at least junior status prior to entering the university (or have sophomore standing and strong SAT or ACT scores). No minimum GPA is required, however, all applications are reviewed holistically. In addition, the student must have completed at least four semesters of college or university-level German study or the equivalent and secured the recommendation of the head of the Department of German, assuring that he or she has a sufficient grasp of the language to follow a full-time course at a German university. Students need not major in German to participate. Although a full year of study is strongly recommended, students can study during the fall or spring semesters. The fall term runs from late August through late December; however, due to the differing academic calendar at the University of Heidelberg, the spring term does not begin until mid-February and runs through mid-July. The conditions for admission for the semester options or the full year of study are identical.

Studying at the University of Heidelberg—Germany's oldest university—students will find themselves developing a more independent and self-reliant attitude toward learning. A rich educational and cultural experience awaits any student who chooses the American Junior Year Program. The cost of the program is kept as low as possible to facilitate the participation of Heidelberg University students. Financial aid is also made available to Heidelberg University students. A Summer Program is available for students with at least a 2.75 GPA. The Summer Program does not have a German language prerequisite. More detailed information about this unique study abroad option is available through the Languages Department or the Office of International Affairs and Studies and our website.

### **Cemanahuac Educational Community in Cuernavaca, Mexico**

Students of all levels of Spanish may choose a short-term or semester-long experience studying Spanish at the Cemanahuac Educational Community in the colonial city of Cuernavaca, Mexico. While studying in Mexico, students live with a host family and also enjoy the opportunity to participate in field study excursions to sites of archaeological and historical interest. Frequent destinations include the Pyramids of the Sun and the Moon at Teotihuacán, the Museum of Anthropology, the Templo Mayor in the center of the Valley of Mexico and performances of the Folkloric Ballet.

### **Heidelberg Honors at Glasgow**

The Heidelberg University Honors program, a part of the 25-member Principia Consortium headed by Berry College, offers a unique study abroad opportunity in conjunction with the University of Glasgow, Scotland. Only students who are members of the Heidelberg Honors Program; junior; and, in good standing are eligible. The University of Glasgow was founded in 1451 and is an internationally recognized institution with prestigious programs in the sciences and humanities. A specially designed interdisciplinary honors course on the Scottish Enlightenment will count as one of the required thematic honors seminars. For further information, contact the Director of the Honors Program or the Director of International Academic Programs Affairs and Studies.

### **Spanish Studies Abroad**

Heidelberg University, through a special cooperation agreement with The Spanish Studies Abroad, sponsors a study abroad program in Seville, Spain; Alicante, Spain; Barcelona, Spain; Córdoba, Argentina; Havana, Cuba; and San Juan, Puerto Rico.

Through Spanish Studies Abroad, students have access to a variety of courses in Spanish language, literature, culture, history, art history, political science, business and regional folk dance throughout the year. Emphasis is placed on total cultural immersion. Therefore, the courses include references to the active cultural life of Spain and Argentina and study visits to museums and monuments complementary to the regular courses. The Spanish Studies offers a program of study visits and travels both in the vicinity and in other provinces. It is also expected that students speak Spanish at all times with faculty, staff and fellow students.

Students may spend a semester, a full year or a summer depending on their needs and time. They may apply to the Intensive Intermediate Semester Program in Spanish Language and Culture or the Upper Division Spanish Studies Program. Admission to these programs will be determined according to previous college-level Spanish training. Heidelberg University students may apply for financial aid to attend this program. They should contact the Financial Aid Office early in the semester prior to the semester they expect to participate in this program.

Detailed information concerning the program is available upon request from the Languages Department or the Office of International Affairs and Studies.

### **Oxford Study Abroad Programme**

An agreement between Heidelberg University and the Oxford Study Abroad Programme allows qualified students to study for one or two semesters at Oxford University in Oxford, England, one of the world's most prestigious universities. The agreement facilitates admission to the University for students in good standing in the Honors Program who have completed two years of college. Students not enrolled in the Honors Program are also eligible and can be recommended for the study-abroad program at Oxford. For further information, see the Director of the Honors Program or the Office of International Affairs and Studies.

### **Additional Study Abroad Programs**

Heidelberg University has agreements with the Business Academy Aarhus in Aarhus, Denmark; Hanze University of Applied Sciences in Groningen, The Netherlands; University of Ulsan in Ulsan, South Korea; and organizations such as CIEE (Council on International Educational Exchange), AIFS (American Institute for Foreign Study), ISA (International Studies Abroad), and Semester at Sea offer programs worldwide.

### **Semester in Washington, DC**

Heidelberg University's History and Political Science Department offers two distinctive opportunities for students interested in interning and studying in Washington, DC. Both programs are open to all students, regardless of major, who have completed at least one semester

of full-time course work. Interested students must meet with the Semester in Washington Coordinator, Dr. Joshua Bowman, prior to applying for either opportunity.

### **Leadership and the American Presidency (LTAP)**

Leadership and the American Presidency is a non-partisan academic and internship opportunity offered through the Reagan Institute and co-sponsored by the Fund for American Studies. Students may apply for admission for either the Summer or Fall semester. A Spring semester LTAP program is not offered at this time.

The program focuses on leadership development and civic engagement, combining rigorous coursework with personalized internship experiences, attendance at special events, networking opportunities, and short trips to area landmarks and institutions. Safe housing options are offered with the program, and generous scholarships are available.

### **The Washington Semester (American University)**

Qualified students may apply for a semester's appointment (ordinarily in the junior year) to Heidelberg University's Washington Semester Program. The Washington Semester, administered by American University in Washington, enables students to obtain valuable work and study experiences within governmental or private agencies or institutions in the nation's capital. Each Washington Semester student enrolls in special seminars and engages in individual research and career-oriented work experiences.

Students can choose from among the following topic seminars: American Politics and Policy; Foreign Policy; Global Economics and Business; International Law and Organizations; Journalism and News Media; Justice and Law; Religion, Politics, Peace and Security; and Sustainable Development. Many of these programs involve overseas study. Providing students with safe housing and the social and cultural facilities of a major university, with over 500 students from all over the world, the Washington Semester is a true international community and experience.

# General Education Curriculum



All Honors Program candidates complete the Honors Program curriculum listed within the Program of Study section, rather than the General Education curriculum described below.

Candidates for a degree must satisfactorily complete the University's General Education Curriculum. The General Education curriculum is designed to provide students with the abilities and broad liberal arts background necessary for living lives of purpose with distinction. A course may be counted to meet a general education requirement if and only if that course is designated to fulfill that requirement in the semester that the course is taken.

## Courses fulfilling more than one General Education Requirement

A single course may be counted in up to three different abilities categories. When a course fulfills an Abilities Requirement, but is also listed within the Breadth of Academic Experience (Fine Arts, Humanities, Natural Sciences, or Social Sciences), Global Cultural Perspectives, and/or Personal Health and Wellness requirements, this course may also be used to fulfill a requirement in one or more of these categories.

34

**I. Abilities Requirements:** There are five ability categories related to thinking and communication.

**a. Critical Thinking Ability:** Students should be able to demonstrate good critical thinking skills. Critical thinking is embedded into the courses that fulfill Abilities Requirements; however, there are no specific course requirements within this ability category.

**Definition:** Critical thinking is defined by Robert Ennis as “reasonable reflective thinking focused on deciding what to believe or do.” Critical thinking skills include clearly stating a reasonable position on a topic; developing and supporting that position fully and consistently with sufficient well chosen reasons, examples, data and/or details; and when appropriate providing pertinent documentation of any sources referenced. The critical thinker can interpret, analyze, evaluate, and make a decision regarding the statements of others.<sup>1</sup>

**b. Oral Communication Ability:** (In addition, see major related requirements for the Senior Capstone Experience.)

COM 100, Public Speaking and Engagement, enables the student to listen critically, arrive at intelligent decisions and speak effectively. The public speaking course helps the student to identify and appeal to different audiences, stimulate understanding by skillful presentation of information and support claims with appropriate evidence. The requirement may be met by examination, unless a Communication or Integrated Media major.

**Learning Outcomes:** In completing the Oral Communication Ability requirements, students will exhibit competence in rhetorical awareness; utilize critical thinking to present a clear purpose/thesis supported by appropriate examples/evidence; use appropriate vocal variety, pronunciation/grammar/articulation, non-verbal behaviors, and (when applicable) visual aids; and cite sources according to disciplinary practice.

**c. Quantitative Literacy Ability (Q):** A Student may not take Quantitative Literacy Ability courses until they have passed MTH 090 or the equivalent.

Quantitative Literacy Ability courses provide students with the capability to critique or construct arguments that involve mathematical and statistical ideas specific to the discipline. Quantitative literacy courses will include assignments that focus on computational algebra skills (such as relationships, formulas, functions and diagrams) and/or probability and statistics skills (such as standard deviation and basic principles of probability).

**Learning outcomes:** Quantitative literacy includes two levels of quantitative skills. Pre-College Skills include competency in basic arithmetic, basic algebra, and descriptive geometry. The overall learning outcome at the College Skills level is that students should demonstrate the ability to critique or construct arguments that involve mathematical and statistical ideas.

<sup>1</sup>Ennis, R.H. (1991). Critical Thinking: A streamlined conception. *Teaching Philosophy*, 14 (1), 5-25.



Quantitative Literacy Ability courses are designated with a (Q) symbol on semester course listings. A complete list of “Q” courses may be found below:

Accounting 334- Federal Income Tax  
Accounting 474- Advanced Accounting  
Behavioral Sciences 201 – Research Methods and Data Analysis  
Biology 205- Biostatistics  
Geology 308- Surface Water Systems  
Geology 350- Soils and Groundwater  
Management 490- Strategic Management  
Mathematics 114- Amazing Mathematics  
Mathematics 119- Statistics I  
Mathematics 120- Intermediate Algebra  
Mathematics 121- Elementary Functions  
Mathematics 222- Calculus I  
Physics 101- General Physics I  
Physics 102- General Physics II  
Political Science 344- Research Methods  
Sociology 310- Intermediate Data Science I

**d. Reading Ability (R):** All Reading Ability courses must be taken in residence. Reading Ability courses will expose students to a variety of genres and reading materials (articles, newspapers, texts, essays, etc.) specific to the discipline and at a difficulty level appropriate to the course level. Reading courses will include assignments that are often made in concert with writing, oral language, and/or critical thinking skills.

Learning Outcomes: Students will, through reading a variety of reading sources, demonstrate the ability to comprehend the historical positioning of the author and the reader in relation to the context of the work; analyze the purpose of that reading material in the context of the course; evaluate the work through discipline-specific criteria; and apply the information gained from one context to another context.

Reading Ability courses are designated with an (R) symbol on semester course listings. A complete list of “R” courses may be found below:

Accounting 334- Federal Income Tax  
Accounting 373- Accounting Information Systems  
Anthropology 200- Cultural Anthropology  
Art 112- Women in Art  
Art 118- Art and the Visual Experience  
Athletic Training 382 - Therapeutic Interventions II  
Biology 223- Genetics  
Biology 224- Cell and Molecular Biology  
Biology 311- Biology Seminar  
Biology 312- Evolution  
Biology 415- Animal Behavior  
Business Administration 202- Innovation and Creativity  
Communication 101- Explorations in Communication  
Criminology 151- Introduction to Criminology and Criminal Justice  
Criminology 491- Senior Seminar  
Economics 330- Public Finance  
Economics 346- Law and Economics  
Economics 362- Intermediate Macroeconomic Theory  
Education 217- Children’s Literature  
Education 218- Adolescent Literature  
Education 425- Multicultural Literature  
Environmental Science 300- Issues in Environmental Science  
Environmental Science 334- Ecology  
Environmental Science 361 - Environmental Law and Politics  
Exercise Science 211- History of Sport and Fitness  
Exercise Science 315- Legal Aspects of Sport  
Exercise Science 316- Sport and Society  
Exercise Science 391 - Professional Practice in Exercise Science  
Exercise Science 490- Capstone Course  
Exercise Science 491 - Capstone in Exercise Science  
Finance 330- Intermediate Corporate Finance  
Geology 308- Surface Water Systems  
Health Science 290- Applied Pharmacology and Pathology  
Health Science 425- Healthcare Seminar

Health Science 485- Healthcare Administration  
 Health Science 487- Exercise Physiology  
 History 105- World Civilization I  
 History 106- World Civilization II  
 History 107- American History to 1865  
 History 108- American History 1865 to the present  
 History 222- Public Historian's Craft  
 History 311- The Greco-Roman World  
 History 321- Medieval Europe  
 History 322- Renaissance and Reformation  
 History 325- Modern Europe  
 History 331- Ancient East Asia  
 History 333- Politics and History of East Asia  
 History 357- History of England  
 History 359- History of Germany  
 Literature 102- Literary Genres  
 Literature 150- Themes in Literature  
 Literature 205- Literature of the Ancient World  
 Literature 206- Literature of the Modern World  
 Literature 221- British Literature to 1798  
 Literature 222- British Literature, 1798 to the Present  
 Literature 231- American Literature to 1860  
 Literature 232- American Literature, 1860 to the Present  
 Literature 291- Introduction to Literary Theory  
 Literature 306- African American Literature  
 Literature 307- Literature by Women  
 Literature 310 - Studies in LGBTQ+ Literature  
 Literature 330- Studies in the Novel  
 Literature 340- Major World Author  
 Literature 346- Shakespeare  
 Literature 350- Studies in British Literature  
 Literature 355- Studies in American Literature  
 Literature 360- Studies in World Literature  
 Management 320- Organizational Behavior  
 Management 340- Human Resource Management  
 Marketing 200- Marketing  
 Media 162- Media Focus: Television  
 Media 163- Media Focus: Online Media  
 Media 164- Media Focus: Advertising and Public Relations  
 Media 304- Public Relations  
 Media 325- Media Criticism: Popular Culture  
 Music 213- World Music  
 Music 216- Conducting I  
 Music 337- Music and the Liberal Arts  
 Music 363- Music Education Early Childhood/Elementary School  
 Music 369- Leadership in Entrepreneurship in the Arts  
 Music 373- Choral Music Education Secondary Curriculum  
 Music 374- Instrumental Music Education Secondary Curriculum  
 Non-Departmental 105- Truth About Social Class  
 Non-Departmental 121- Understanding Geography through a Humanities Approach  
 Non-Departmental 128 Learning Process in an Academic Environment  
 Non-Departmental 301- Literature and Fine Arts  
 Non-Departmental 302- Literature and Fine Arts  
 Non-Departmental 305- Romantic Revival  
 Nursing 420- Healthcare Technology and Informatics  
 Nursing 430- Nursing Research and Evidence Application  
 Political Science 200 - Introduction to Political Philosophy  
 Political Science 310- Politics and History of East Asia  
 Political Science 323- Political Culture and Behavior  
 Political Science 333 - Constitutional Law: Power and Structure  
 Political Science 334 - Constitutional Law: Rights and Liberties  
 Political Science 379- Global Issues: Political Development  
 Psychology 101- General Psychology  
 Psychology 206- Child Psychology  
 Psychology 207- Adolescent Psychology  
 Psychology 209- Abnormal Psychology  
 Psychology 305- Adult Development  
 Psychology 310- Social Psychology

Psychology 317- Psychology of Personality  
 Psychology 321- The Brain and Behavior  
 Psychology 491- Classical, Contemporary, and Ethical Issues in Psychology  
 Religion 109- Judaism, Catholicism and Protestantism  
 Religion 201- Introduction to the Old Testament  
 Religion 202- Introduction to the New Testament  
 Religion 204- Religions of the World  
 Religion 210- Religion and Politics in America  
 Religion 250- Christian Social Ethics  
 Religion 302- Topics in Biblical Literature  
 Religion 308- History of Christian Thought  
 Religion 309- Contemporary Christian Thought  
 Religion 340- Topics in Religion  
 Sociology 380 - Topics in Sociology  
 Sociology 415- Social and Behavioral Health  
 Theatre 322- Theatre History II  
 Writing 210- Creative Writing  
 Writing 213- Intermediate Writing  
 Writing 311- Advanced Poetry  
 Writing 312- Advanced Fiction Writing  
 Writing 314- Advanced Creative Nonfiction Writing

**e. Writing Ability (W):** All Writing Ability courses must be taken in residence with the exception of Writing 101 or the equivalent. (In addition, see major related requirements for the Senior Capstone Experience.)

Writing 101 is the required portion of the Heidelberg first-year writing program. In order to effectively serve Heidelberg's student body, the first-year writing program features a two-tiered structure. The primary course, the completion of which satisfies the University's writing proficiency requirement, is Writing 101. For students who—through a process of directed self-placement—view themselves as not adequately prepared for Writing 101, a preliminary course, Writing 100, will serve as preparation for Writing 101.

Writing Ability courses are courses that emphasize writing. Writing courses include at least one assignment that requires students to find and utilize appropriate and credible sources in support of a valid and defensible thesis. Writing courses will include assignments that are often made in concert with reading, oral language, and critical thinking skills.

**Learning Outcomes:** Students should produce quality prose writing in English and should demonstrate the ability to incorporate others' ideas—from written and other sources—into their own discourse.

Writing Ability courses are designated with a (W) symbol on semester course listings. A complete list of "W" courses may be found below:

Athletic Training 381 - Therapeutic Interventions I  
 Athletic Training 382 - Therapeutic Interventions II  
 Behavioral Sciences 201 - Research Methods and Data Analysis  
 Biochemistry 316L- Laboratory Studies in Biochemistry  
 Biology 312- Evolution  
 Biology 318- Human Medical Genetics  
 Biology 325- Microbiology  
 Biology 329- Cancer Genetics  
 Biology 415- Animal Behavior  
 Business Administration 202- Innovation and Creativity  
 Business Administration 328- International Business  
 Chemistry 202- Organic Chemistry II  
 Communication 101- Explorations in Communication  
 Criminology 491- Senior Seminar  
 Economics 346- Law and Economics  
 Economics 352- International Economics  
 Economics 361- Intermediate Microeconomic Theory  
 Education 217- Children's Literature  
 Education 324- Teaching Written Composition  
 Education 350- Reading to Learn in the Content Area: Middle/AYA  
 Environmental Science 300- Issues in Environmental Science  
 Environmental Science 334- Ecology  
 Environmental Science 361 - Environmental Law and Politics

Environmental Science 370- Internship  
 Exercise Science 211- History of Sport and Fitness  
 Exercise Science 315- Legal Aspects of Sport  
 Exercise Science 316- Sport and Society  
 Exercise Science 391- Professional Practice in Exercise Science  
 Exercise Science 490- Capstone Course  
 Exercise Science 491- Capstone in Exercise Science  
 Finance 330- Intermediate Corporate Finance  
 Health Science 290- Applied Pharmacology and Pathology  
 Health Science 487- Exercise Physiology  
 Health Science 490- Research Methods in Health Sciences  
 History 105- World Civilization I  
 History 106- World Civilization II  
 History 107- American History to 1865  
 History 108- American History 1865 to the present  
 History 222- Public Historian's Craft  
 History 311- The Greco-Roman World  
 History 321- Medieval Europe  
 History 322- Renaissance and Reformation  
 History 325- Modern Europe  
 History 331- Ancient East Asia  
 History 332- Politics and History of the Modern Middle East  
 History 333- Politics and History of Modern East Asia  
 History 357- History of England  
 History 359- History of Germany  
 Literature 102- Literary Genres  
 Literature 150- Themes in Literature  
 Literature 205- Literature of the Ancient World  
 Literature 206- Literature of the Modern World  
 Literature 221- British Literature to 1798  
 Literature 222- British Literature, 1798 to the Present  
 Literature 231- American Literature to 1860  
 Literature 232- American Literature, 1860 to the Present  
 Literature 291- Introduction to Literary Theory  
 Literature 306- African American Literature  
 Literature 307- Literature by Women  
 Literature 310- Studies in LGBTQ+ Literature  
 Literature 330- Studies in the Novel  
 Literature 340- Major World Author  
 Literature 346- Shakespeare  
 Literature 350- Studies in British Literature  
 Literature 355- Studies in American Literature  
 Literature 360- Studies in World Literature  
 Management 200- Principles of Management  
 Management 340- Human Resource Management  
 Management 490- Strategic Management  
 Marketing 200- Marketing  
 Marketing 325- Consumer Behavior  
 Media 156- Media and Culture  
 Media 205- Media Writing  
 Media 304- Public Relations  
 Media 312- Advanced Media Writing: Journalism  
 Media 313- Advanced Media Writing: Scripts  
 Media 314- Advanced Media Writing: Advertising and Public Relations  
 Media 325- Media Criticism: Popular Culture  
 Music 110- Introduction to the Teaching of Music and Related Careers  
 Music 213- World Music  
 Music 246- History and Literature: Romantic and 20th Century  
 Music 374- Instrumental Music Education in the Secondary Curriculum  
 Non-Departmental 105- Truth About Social Class  
 Non-Departmental 125- Sex and Violence in Fairy Tales  
 Non-Departmental 305- Romantic Revival  
 Nursing 400- Theoretical Foundations of Nursing  
 Nursing 410- Legal and Ethical Issues in Nursing  
 Philosophy 140- Introduction to Philosophy  
 Philosophy 200- Aesthetics  
 Philosophy 309- History of Western Philosophy: Ancient and Medieval  
 Philosophy 310- History of Western Philosophy: Modern  
 Philosophy 317- Philosophy of Religion

Philosophy 490- Philosophy Colloquium  
 Political Science 293- Introduction to Canada  
 Political Science 310- Politics and History of East Asia  
 Political Science 324- American Foreign Policy  
 Political Science 344- Research Methods  
 Political Science 377- Global Issues II  
 Political Science 383- Politics and History of the Middle East  
 Psychology 313- Media, Popular Culture, and Psychology  
 Psychology 321- The Brain and Behavior  
 Psychology 491- Classical, Contemporary, and Ethical Issues in Psychology  
 Religion 250- Christian Social Ethics  
 Religion 302- Topics in Biblical Literature  
 Religion 308- History of Christian Thought  
 Religion 309- Contemporary Christian Thought  
 Religion 413- Independent Study  
 Religion 414- Independent Study  
 Religion 475- Honors Course  
 Religion 476- Honors Course  
 Theatre 375- Creative Drama  
 Writing 210- Creative Writing  
 Writing 213- Intermediate Writing  
 Writing 311- Advanced Poetry  
 Writing 312- Advanced Fiction Writing  
 Writing 314- Advanced Creative Nonfiction Writing

**II. Breadth of Academic Experience Requirement:** The four Breadth of Academic Experience disciplinary areas are Fine Arts, Humanities, Natural Sciences, and Social Sciences.

### a. Fine Arts (F)

Learning Outcomes: Students should demonstrate an understanding of the aesthetic value of the Fine Arts through one or more of the following areas: critical analysis of the artistic experience; active participation in the creative process; reflection on the relationship between the Fine Arts and our global culture.

Fine Arts courses are designated with a (F) symbol on semester course listings. A complete list of “F” courses may be found below:

Art 102- Introduction to Two-Dimensional Art and Graphics  
 Art 103- Introduction to Three-Dimensional Art  
 Art 112- Women in Art  
 Art 118- Art and Visual Experience  
 Art 131- Graphic Design  
 Art 312- Studio Art  
 Communication 209- Visual Communication  
 Education 217- Children’s Literature  
 Media 126- Video Game Production  
 Media 161- Media Focus: Film  
 Media 171- Digital Storytelling  
 Media 307- Sight, Sound, and Motion  
 Media 322- Media Criticism: Film  
 Music 100- Major Ensemble  
 Music 104- Introduction to Piano  
 Music 105- Fundamentals of Music  
 Music 127- Non-Major Performance  
 Music 128- Non-Major Performance  
 Music 141- Opera Workshop  
 Music 149- Understanding and Enjoying Music  
 Music 151- American Musical Theatre  
 Music 152- American Popular Music  
 Music 153- Music and the Movies  
 Music 154- Jazz in America  
 Music 200- Major Ensemble  
 Music 227- Non-Major Performance  
 Music 228- Non-Major Performance  
 Music 241- Opera Workshop  
 Music 300- Major Ensemble  
 Music 327- Non-Major Performance  
 Music 328- Non-Major Performance

Music 337- Music and the Liberal Arts  
 Music 341- Opera Workshop  
 Music 400- Major Ensemble  
 Music 427- Non-Major Performance  
 Music 428- Non-Major Performance  
 Music 441- Opera Workshop  
 Non-Departmental 301- Literature and Fine Arts  
 Non-Departmental 302- Literature and Fine Arts  
 Philosophy 200- Aesthetics  
 Physics 104- Introduction to Photography  
 Theatre 105- Play Production: Stagecraft  
 Theatre 106- Play Production: Stagecraft  
 Theatre 108 - Introduction to Acting  
 Theatre 150- Introduction to the Theatre  
 Theatre 208 - Intermediate Acting  
 Theatre 219- Experiential Learning in Theatre Production  
 Theatre 220- Experiential Learning in Theatre Performance  
 Theatre 306- Directing  
 Theatre 308- Advanced Acting  
 Theatre 320- Advanced Musical Theatre Styles  
 Theatre 375- Creative Drama  
 Theatre 407- Advanced Acting II  
 Writing 210- Creative Writing  
 Writing 311- Advanced Poetry  
 Writing 312- Advanced Fiction Writing  
 Writing 314- Advanced Creative Nonfiction Writing

## **b. Humanities (H)**

Learning Outcomes: Through writing and speaking, students will demonstrate an understanding of the Humanities through one or more of the following areas: recognize and reflect upon universal cultural themes; critique ideas and theories using textual evidence to support claims; connect artifacts to their varied cultural contexts and meanings.

Humanities courses are designated with a (H) symbol on semester course listings. A complete list of “H” courses may be found below:

Communication 101- Explorations in Communication  
 Education 218- Adolescent Literature  
 German 417- Periods in German Literature  
 German 418- Periods in German Literature  
 History 105- World Civilization  
 History 106- World Civilization  
 History 107- American History to 1865  
 History 108- American History 1865 to the Present  
 History 222- Introduction to Public History  
 Literature 102- Literary Genres  
 Literature 150- Themes in Literature  
 Literature 205- Literature of the Ancient World  
 Literature 206- Literature of the Modern World  
 Literature 221- British Literature to 1798  
 Literature 222- British Literature, 1798 to the Present  
 Literature 231- American Literature to 1860  
 Literature 232- American Literature, 1860 to the Present  
 Literature 291- Introduction to Literary Theory  
 Literature 306- African American Literature  
 Literature 307- Literature by Women  
 Literature 310 - Studies in LGBTQ+ Literature  
 Literature 330- Studies in the Novel  
 Literature 340- Major World Author  
 Literature 346- Shakespeare  
 Literature 350- Studies in British Literature  
 Literature 355- Studies in American Literature  
 Literature 360- Studies in World Literature  
 Media 162- Media Focus: Television  
 Media 163- Media Focus: Online Media  
 Media 164- Media Focus: Advertising and Public Relations  
 Media 323- Media Criticism: Television  
 Media 325- Media Criticism: Popular Culture

Music 211- Journey of the Blues  
 Non-Departmental 125- Sex and Violence in Fairy Tales  
 Non-Departmental 305- Romantic Revival  
 Philosophy 140- Introduction to Philosophy  
 Philosophy 216- Ethics  
 Philosophy 217- Bioethics  
 Philosophy 218- Ethics in Professional Life  
 Philosophy 309- History of Western Philosophy: Ancient and Medieval  
 Philosophy 310- History of Western Philosophy: Modern  
 Philosophy 317- Philosophy of Religion  
 Philosophy 490- Philosophy Colloquium  
 Political Science 200 - Introduction to Political Philosophy  
 Political Science 293- Introduction to Canada  
 Political Science 315- Art and Espionage  
 Political Science 323- Political Culture and Behavior  
 Religion 109- Judaism, Catholicism and Protestantism  
 Religion 201- Introduction to the Old Testament  
 Religion 202- Introduction to the New Testament  
 Religion 204- Religions of the World  
 Religion 210- Religion and Politics in America  
 Religion 250- Christian Social Ethics  
 Religion 302- Topics in Biblical Literature  
 Religion 308- History of Christian Thought  
 Religion 309- Contemporary Christian Thought  
 Religion 339- Topics in Religion  
 Religion 340- Topics in Religion  
 Religion 413- Independent Study  
 Religion 414- Independent Study  
 Religion 475- Honors Course  
 Religion 476- Honors Course  
 Religion 490- Senior Seminar  
 Sociology 347- Cities and Society  
 Spanish 321- Survey of Latin American Literature  
 Spanish 330- Contemporary Latin American Narrative  
 Spanish 333- Spanish Culture and Civilization  
 Theatre 321- Theatre History I  
 Theatre 322- Theatre History II  
 Women's and Gender Studies 100- Introduction to Women's and Gender Studies  
 Women's and Gender Studies 400- Gender Theory  
 Writing 213- Intermediate Writing

### c. Natural Sciences (N)

**Learning Outcomes:** Students should demonstrate a thorough understanding of the Natural Sciences through one or more of the following areas: an understanding of the nature of scientific inquiry, and methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, and evaluation of evidence; an understanding of the application of scientific concepts, models, evidence and data in the natural sciences and perform basic applications; they can analyze and evaluate scientific information and are prepared to make informed decisions on contemporary issues involving scientific information acquired in the course. Each course offering a lab include (L) behind the course number.

Natural Science courses are designated with a (N) symbol on semester course listings. A complete list of "N" courses may be found below:

Athletic Training 213- Anatomy for Orthopedic Assessment  
 Biology 110- Contemporary Biological Problems (L)  
 Biology 115- Food, Medicine, and Drugs  
 Biology 121- Introduction to Human Anatomy and Physiology I (L)  
 Biology 123- Biology I (L)  
 Chemistry 103- Fundamentals of Chemistry (L)  
 Chemistry 105- Introduction to Forensic Chemistry (L)  
 Chemistry 106- Allied Health Chemistry I (L)  
 Chemistry 108- The Science of Art  
 Chemistry 111- General Chemistry (L)  
 Computer Science 150- Fundamentals of Computer Science (L)  
 Environmental Science 101- Introduction to Environmental Science (L)  
 Geology 101- Physical Geology (L)



Geology 201- Environmental Geology  
 Health Science 487- Exercise Physiology  
 Physics 100- Introduction to Physical Principles (L)  
 Physics 101- General Physics I (L)  
 Physics 102- General Physics II (L)  
 Physics 172- Introduction to Astronomy

#### **d. Social Sciences (S)**

**Learning Outcomes:** Students should demonstrate an understanding of variables that affect social structures and phenomena through one or more of the following areas: describe how individuals and groups are influenced by social, cultural, or political institutions; demonstrate an understanding of methods used in the social sciences and the ethical issues related to those methods; apply knowledge from at least one social science discipline to a contemporary social phenomena to assess its causes, consequences and ethical implications; analyze a social phenomenon using an appropriate method, including the formulation and testing of a hypothesis through data collection the analysis of relevant data as well as and a review of relevant literature.

Social Science courses are designated with a (S) symbol on semester course listings. A complete list of “S” courses may be found below:

Anthropology 200- Cultural Anthropology  
 Anthropology 255- Analysis of Cultural Materials  
 Business Administration 101- Introduction to Business Administration  
 Business Administration 202- Innovation and Creativity  
 Communication 204- Group Communication and Leadership  
 Criminology 151- Introduction to Criminology and Criminal Justice  
 Economics 102- Principles of Economics  
 Economics 251- Principles of Microeconomics  
 Economics 252- Principles of Macroeconomics  
 History 332- Politics and History of the Middle East  
 Management 200- Principles of Management  
 Marketing 325- Consumer Behavior  
 Media 156- Media and Culture  
 Non-Departmental 105- Truth About Social Class  
 Nursing 460- Healthcare Policy and Advocacy  
 Political Science 125- Introduction to Politics and Government  
 Political Science 221- Global Politics  
 Political Science 227- American National Government  
 Political Science 240- African Politics  
 Political Science 263- European Politics  
 Political Science 304- Congress  
 Political Science 324- American Foreign Policy  
 Political Science 333 - Constitutional Law: Power and Structure  
 Political Science 334 - Constitutional Law: Rights and Liberties  
 Political Science 345 - The Supreme Court and Judicial Process  
 Political Science 376- Global Issues I  
 Political Science 377- Global Issues II  
 Political Science 383- Politics and History of the Middle East  
 Political Science 389- Intelligence Operations  
 Psychology 101- General Psychology  
 Psychology 206- Child Psychology  
 Psychology 207- Adolescent Psychology  
 Psychology 209- Abnormal Psychology  
 Sociology 100- Introductory Sociology

### **III. Global/Cultural Perspectives Requirement (G)**

**Learning Outcomes:** Students will gain exposure of and demonstrate an understanding of various cultural experiences associated with living in a diverse world through one or more of the following areas: use appropriate language or terminology to describe cultural practices; articulate multiple perspectives in regard to various cultural practices; identify similarity and different cultural values, political structure, social networks, economics or religious/spiritual issues.

**Global/Cultural Perspectives:** courses are designated with a (G) symbol on semester course listings. A complete list of “G” courses may be found below:

Anthropology 200- Cultural Anthropology

Biology 115- Food, Medicine, and Drugs  
 Business Administration 328- International Business  
 Chemistry 108- The Science of Art  
 Chinese 107- Exploring Chinese Culture I  
 Chinese 108- Exploring Chinese Culture II  
 Communication 314- Advanced Interpersonal Communication: Intercultural  
 Economics 352- International Economics  
 Finance 355- International Finance  
 German 290- Preparation for Study Abroad  
 German 317- Germany, Present and Past  
 German 318- Germany, Present and Past  
 German 489- German Portfolio  
 History 105- World Civilization  
 History 106- World Civilization  
 History 332- Politics and History of the Middle East  
 History 333- Politics and History of East Asia  
 Intervention Specialist 267- Diversity Experience  
 Literature 205- Literature of the Ancient World  
 Literature 206- Literature of the Modern World  
 Literature 306- African American Literature  
 Literature 307- Literature by Women  
 Literature 310- Studies in LGBTQ+ Literature  
 Literature 340- Major World Author  
 Literature 360- Studies in World Literature  
 Music 213- World Music  
 Non-Departmental 121- Understanding Geography through a Humanities Approach  
 Non-Departmental 206- Introduction to US/Mexico Border Issues  
 Non-Departmental 345- Service Learning US/Mexico Border  
 Nursing 440- Community and Population Health Nursing  
 Nursing 450- Interprofessional Roles in Global Health  
 Philosophy 200- Aesthetics  
 Philosophy 309- History of Western Philosophy: Ancient and Medieval  
 Philosophy 310- History of Western Philosophy: Modern  
 Philosophy 317- Philosophy of Religion  
 Political Science 221- Global Politics  
 Political Science 240- African Politics  
 Political Science 263- European Politics  
 Political Science 293- Introduction to Canada  
 Political Science 310- Politics and History of East Asia  
 Political Science 376- Global Issues I  
 Political Science 383- Politics and History of the Middle East  
 Psychology 407- Multicultural Psychology  
 Religion 204- Religions of the World  
 Spanish 290- Study Abroad Preparation  
 Spanish 321- Survey of Latin American Literature  
 Spanish 325- Spanish Literature Survey  
 Spanish 330- Contemporary Latin American Narrative  
 Spanish 333- Spanish Culture and Civilization  
 Spanish 334- Latin American Culture and Civilization  
 Spanish 489- Spanish Portfolio

#### Alternative global/cultural Experiences

A university-approved study-abroad experience of at least four weeks. (One semester abroad counts as two global/cultural experiences.) Or, another experience approved in writing by the Provost.

AND, in addition to the Global/Cultural Requirement

**Foreign Language course:** Pass one at the 102 level or the equivalent.\*\*

Languages may be found below:

Chinese 102- Elementary Chinese  
 French 102- Elementary French  
 Greek 102- Elementary Greek  
 Greek 112- New Testament Greek  
 German 102- Introduction to German  
 Spanish 102- Elementary Spanish  
 American Sign Language at the 102 level (not available at Heidelberg)

\*102-level equivalency includes: 201-level placement on the language placement test; CLEP, IB or AP foreign language credit; or status as an international student for whom English is a second language.

^Students that reach equivalencies through the above, must complete one of the following:

A second Global/Culture course listed in the above (G) category, or  
A second language that is other than the language exempted from (second language will need to be at 102 level), or  
A higher level language course within the student's exempted language (SPA 201, 202, 305, 307, 319, 320, 411, 412; GER 201, 202, 301, 302, 317, 318, 415, 416, 417, 418; FRN 201, 202)

#### **IV. Personal Health and Wellness Requirement (P)**

Learning Outcomes: Students should have a thorough understanding of how to positively contribute to their own health and wellness through one of the following areas: students will assess their current state of health and wellness via completion of quantitative learning tools; student will demonstrate knowledge of current scientific data regarding cost and benefits of health choices; students will develop strategies to maintain lifelong physical, mental and social wellness.

Personal Health and Wellness courses are designated with a (P) symbol on semester course listings. A complete list of "P" courses may be found below:

Lifetime activity coursework (ESS 100) totaling two semester hours.\*

OR

One course from the following list:

Athletic Training 389- Principles of Strength, Conditioning and Exercise Prescription  
Exercise Science 103- Strategies for Fitness and a Healthy Lifestyle  
Exercise Science 116- Health and Wellness  
Exercise Science 306- Nutrition  
Health Sciences 425- Health Care Seminar  
Non-Departmental 117- Yoga  
Nursing 400- Theoretical Foundations of Nursing  
Political Science 240- African Politics  
Psychology 269- Human Sexuality  
Psychology 337- Positive Psychology  
Theatre 215- Discover the Body Through Movement  
Theatre 216- Introduction to Dance Technique  
Theatre 217- Introduction to Dance Technique

\* Notes: A maximum of two semester hours of ESS 100 coursework may be applied toward the 120 hours needed for graduation. Students have an opportunity to substitute one non-credit, intercollegiate sport (ESS 050A-Z) toward one hour of the two semester hour requirement. While intercollegiate athletic participation is not considered an academic course, to manage successful completion, a grade of Satisfactory or Unsatisfactory will be assigned by the head coach/instructor. All academic policies will apply to the intercollegiate athletic registration.

#### **Special Exemptions**

While the University is committed to the General Education requirements as the foundation of a broad liberal arts education, it is also recognized that in a few extraordinary situations (for example, a student with two majors with foreign study and/or internship requirements) a student may have difficulty scheduling the completion of the General Education requirements. In such cases, a student may petition the Office of Academic Administration for special exemptions from not more than two courses in the General Education requirements. Petitioning students must have a minimum 3.00 grade point average and have completed not more than 60 semester hours of university credit. All exemptions will be reviewed on an individual basis and do not reduce the 120 hours required for graduation.

#### **Responsibility and Major Related Requirements for the Bachelor of Arts, Bachelor of Music, Bachelor of Science, and the Bachelor of Science in Nursing.**

The AIM (advise, inspire, mentor) Hei mentoring program is a two semester program for new incoming students that provides a structured means by which students can: 1. design and implement a program of study – both inside and outside the classroom – aimed at achieving the learning goals the University has for its graduates; 2. Define, explore, and reflect upon their academic, personal, and professional goals and relate those goals to Heidelberg and beyond.

New students are assigned to an AIM Hei section and work with a faculty member for two semesters. Students transferring to Heidelberg with fewer than 24 credit hours participate in the AIM Hei program. Transfer students with 24 or more credit hours and adult students are exempt from the AIM Hei program.

**Responsibility Requirement:** The AIM (advise, inspire, mentor) Hei mentoring program provides first-time degree-seeking and transfer students with a structured means by which they can design and implement a program of study—both inside and outside the classroom—aimed at achieving the University's four responsibility goals:

- a. Value and pursue academic excellence
- b. Develop personal and professional responsibility
- c. Act with integrity in all aspects of one's life
- d. Become engaged through participation and service in one's communities

**Learning Outcomes:** Upon completion of the AIM Hei program, students will be able to demonstrate:

- A. An understanding of the nature of a liberal arts education, including how the Heidelberg general education program or honors program, individual majors and extracurricular experiences relate to such an education;
- B. How co- and extracurricular experiences relate to a liberal arts education;
- C. The ability to set academic, professional and personal goals and to make plans related to the fulfillment of those goals;
- D. The ability to reflect upon experiences and to use that reflection as the basis for modifying goals and plans related to their academic, professional and personal lives;
- E. An awareness of support and planning resources at Heidelberg University related to academic, professional and personal issues;
- F. An understanding of degree requirements and auditing, along with the course registration process at Heidelberg University.

**Major Related Requirement:** A student must enroll in at least one senior capstone offered through Heidelberg. This requirement will be determined separately for each major. The capstone provides an experience which connects learning and doing. It requires the student to synthesize theory, knowledge and experience. Students have the opportunity to reflect upon their learning experiences while at Heidelberg.

# PROGRAMS OF STUDY



## Curriculum

The curriculum provides a structure in which students can discover how a liberal arts education enriches their lives. A liberal arts education offers opportunities to reflect on the student's education and to integrate learning and experience. The curriculum encourages students to discern connections between the various fields within the liberal arts and between those fields and their major. The curriculum is designed to provide broad exposure to the disciplines in the liberal arts, concentration in major and minor fields, proficiency in several transferable skills and flexibility in program design.

## Degrees Offered

Degrees are granted in the Bachelor of Arts, Bachelor of Music, Bachelor of Science, Bachelor of Science in Nursing, Master of Arts in Counseling, Master of Arts in Education, Master of Business Administration, and Master of Music Education.

Upon fulfillment of all graduation requirements, students will be granted the degree which offers the Academic Program of Study. Each department has the authority to change the designation as needed. Since multiple academic programs of study (double major) is permitted between the Bachelor of Arts and Bachelor of Science degree the Academic Program of Study is matched to the degree by using the declared, primary major.

## Major

A major is an approved course of study consisting of a minimum of 30 semester hours. Courses within a track or concentration are considered a part of the major requirements. In addition, majors may require allied courses, which are taught outside of the major discipline and support the major. Candidates for the Bachelor of Arts, Bachelor of Music, Bachelor of Science, and Bachelor of Science in Nursing must complete at least one major. Candidates for a Bachelor of Arts or Bachelor of Science degree may choose to complete more than one major or minor. Electing to earn more than one major or minor may extend the number of semesters enrolled due to course rotations and/or course conflicts. Candidates for the Bachelor of Music or Bachelor of Science in Nursing degree will refer to policies located within the respective Program of Study.

Candidates for the Bachelor of Arts or Science degree will earn no more than 40 hours from any single subject prefix toward a major. No more than 48 hours from any single subject prefix may be applied toward the minimum requirement of 120 semester hours. The Bachelor of Music and Bachelor of Science in Nursing may exceed the subject prefix limit so long as the courses are required of all students within the major, and necessary for accreditation of the major.

## Majors in the Bachelor of Arts

- Communication
- Education- Early Childhood; Middle Childhood Language Arts/Social Science
- English
- German
- History
- Integrated Media
- International Studies
- Music
- Philosophy
- Political Science
- Religion
- Self-Designed Studies
- Spanish
- Sport Management- Business; Communication
- Theatre
- Video Game Production

## Majors in the Bachelor of Music

- Performance
- Music Education
- Composition/Theory

## **Majors in the Bachelor of Science**

Accounting  
Athletic Training (last admitted class 2017–2018, see Health Sciences)  
Biochemistry  
Biology  
Business Administration  
Chemistry  
Computer Science  
Criminology  
Economics  
Education– Adolescent to Young Adult; Middle Childhood Math/Science  
Environmental Science and Sustainability  
Exercise Science  
Health Science  
Exercise Science  
Information Systems  
Mathematics  
Psychology  
Sport Management– Fitness

## **Majors in the Bachelor of Science in Nursing**

Nursing 1–2–1 Pathway  
Nursing RN–BSN

## **Minor**

A minor is an approved course of study consisting of 15 to 21 semester hours of coursework. Most minors are designed by departments that offer majors, but some disciplines in which no major is offered may offer a minor. At least half of the required hours in a minor must be done as coursework here at Heidelberg University and one course must be at the 300 or 400 level. In the event that the required number of hours is an odd number, then the number of hours required at Heidelberg will be rounded up. For example, a student needs to complete at least 8 hours at Heidelberg for a 15-hour minor.

## **Minor Offerings**

The University offers minors in many disciplines, not tied to a degree program of study, and is permitted to be added without changing the current program of study catalog year so long as the minor is added while the student is a degree candidate. Descriptions of requirements for each minor are listed in the Academic Programs of Study.

Art  
Athletics Coaching  
Biology  
Business Administration  
Chemistry  
Communication  
Computer Science  
Cybersecurity  
Economics  
Environmental Studies  
Geology  
German  
History  
Integrated Media  
International Studies  
Latin American Studies  
Legal Studies  
Literature

Mathematics  
Media Technology  
Music  
Philosophy  
Physics  
Political Science  
Public History  
Psychology  
Religion  
Sociology  
Spanish  
Sport Management  
Theatre  
Video Game Production  
Wellness  
Women's and Gender Studies  
Writing

### **Program of Study Declaration**

A program of study encompasses the curricula for the general education or honors program and at least one major. The student should declare a degree and a major (or any minors) by the end of four semesters of enrollment. Students who major or minor in more than one field must complete all of the requirements for each major or minor including allied courses. Students changing their major or minor should complete the Declaration of Major form with their academic advisor, and submit to the Office of the Registrar.

## **► BACHELOR OF ARTS AND BACHELOR OF SCIENCE PROGRAMS OF STUDY REQUIREMENTS**

### **Bachelor of Arts and Bachelor of Science Degree Requirements**

Summary of Degree Requirements for the Bachelor of Arts/Bachelor of Science

All Degree Candidates must complete the following requirements. (Refer to individual policies listed within the University Catalog for details.)

- Achieve a minimum of 120 semester hours.
- Earn a minimum cumulative grade point average of 2.00 to qualify for a degree.
- Achieve a minimum of a C- (1.667 quality points) in any major or minor required course (allied courses are not included in this policy). Some departments may carry higher grading requirements to progress within the major.
- Earn a minimum cumulative grade point average of 2.00 in a major, minor, track or concentration required courses.
- Fulfill at least one major.
- Complete half of the major and/or minor course requirements in residence.
- Undergraduate Academic Foundation- complete one of the following (a) Bachelor of Arts/ Bachelor of Science General Education Requirements, (b) Honors Program Requirements, or, (c) for Heidelberg transfer matriculants, a Bachelor degree from a regionally accredited institution, or an Associate of Arts or Associate of Science degree from a regionally accredited state-assisted institution of higher education in Ohio.
- Complete Responsibility and Major Related Requirements.
- Complete the HYPE Career Ready Program.
- Complete no fewer than 30 semester hours at the junior level or above (300 or 400 levels at Heidelberg) at four-year institutions.
- Take at least the senior-year in residence or in a Heidelberg approved academic experience. Sixty semester hours must be earned at a four-year, regionally accredited institution to qualify for a degree. (See also Active Duty Service Members academic policy.)
- Work toward one degree. No student may work for two degrees simultaneously. If a student wishes to work for a second degree, an additional 30 academic hours are required at Heidelberg after completion of the first degree. To add another major, up to the allowable limits, additional coursework can be done following graduation.

### **Bachelor of Arts/Bachelor of Science General Education Curriculum**

(Refer to full listing of course options and policy statements within the General Education, Academic Policies.)

#### **I. Abilities Requirements**

- A. Oral Communication: COM 100
- B. Quantitative Literacy Ability: One Q course
- C. Reading Ability: Six R courses
- D. Writing Ability: WRI 101 and Five W courses

The number of Reading and Writing Ability courses required of students with prior college credit is dependent upon the number of semester hours transferred into Heidelberg.

- 1-23 semester hours transferred: 6 Reading Abilities courses required
- 24-55 semester hours transferred: 4 Reading Abilities courses required



56–87 semester hours transferred: 2 Reading Abilities courses required

88+ semester hours transferred: 1 Reading Abilities course required

II. Breadth of Academic Experience (each Breadth category cannot contain the same course prefix)

A. Fine Arts: Two F courses

B. Humanities: Two H courses

C. Natural Sciences: Two N courses with one course to include a Laboratory

D. Social Sciences: Two S courses

III. Global/Cultural Perspectives: Two courses from:

A. Foreign Language: One course at the 102 level, or higher

B. Global/Cultural: One G course

IV. Personal Health and Wellness: Two P credits

V. Responsibility and Major Related Requirements

## ► BACHELOR OF ARTS/BACHELOR OF SCIENCE MAJORS, MINORS, CONCENTRATIONS, AND SPECIALIZATIONS

The Bachelor of Arts or Science major requirements are listed alphabetically by major. Minors, concentrations, and specialization programs permitted to add on to a major are included in this section. The academic department that oversees each major, minor, or add on program is noted within each listing.

### ACCOUNTING (ACC)

Professor Johnson (dean); Assistant Professors Loeffler, Monaco, A.B. Roerdink, Woods.

The accounting major complies with the recommendations of the Ohio Society of Certified Public Accountants for the initial 120 hours. Those who complete the accounting major, and an additional 30 semester hours, are qualified to take the Ohio CPA exam. The accounting major has an emphasis on both financial accounting and on the aspects of management necessary for a successful career in corporate accounting.

The accounting major does not allow grade waivers in the pre-professional and professional core courses.

#### Required Courses

##### Pre-professional Core

**Major** (24 semester hours): ACC 201, 202; BAE 101; ECO 251, 252; MTH 119; MTH 121 or 222; PHI 216 or 218.

##### Professional Core

**Major** (42 semester hours): ACC 334, 353, 363, 364, 373, 466, 474, 490 (Senior Capstone Experience); BAE 318, 319; FIN 301; MKT 200; MGT 200; MGT 320 or 360.

### Associated Resources

The BERG-FALCON Master of Accountancy Partnership enables Heidelberg accounting major to complete both an undergraduate degree in accounting from Heidelberg University and a graduate degree in accounting from Bowling Green State University within a five year time period. The accounting students can also pursue an MBA degree at Heidelberg University to meet the “150 Hour Requirement.”

Please see the Dean for additional information on the “150 Hour Rule” for sitting in the CPA Examination.

### ART (ART)

The Division of Humanities, Education and the Arts oversees the Art minor. Art courses give students an opportunity to express themselves through a variety of media. The 100-level courses are designed for beginning students with an interest in art. An Art minor is an excellent complement to Business Administration (Concentration in Marketing), English (Concentration in Writing), Integrated Media, and Theatre majors, among others.

**Minor in Art** (15 semester hours): 6–9 hours including: ART 102 or 103; and from the following list: ART 312; ART 131 or COM 209; MED 171 or MED 307 (prerequisite COM 209 and MED 205); PHY 104. Select remaining hours from ART 112, 118; LIT 152; MED 322 (prerequisites MED 156 or one of MED 161, 162, 163, or 164); NDI 301, 302; PHI 200, or other courses as approved (e.g., some topics under MUS 337 and THR 345 may apply).

## ATHLETICS COACHING

Assistant Professor Kocher (chair).

The Athletics Coaching minor is offered through the Exercise Science and Sport Studies Department. It is designed to prepare students for entry level athletics coaching at the youth, recreational or interscholastic level. Exercise Science majors are excluded from this minor.

**Minor in Athletics Coaching** (16 semester hours): ESS 211, 212, 302, 316, PSY 101, 212; 2 hours from ESS 203–209, or 339.

## BIOCHEMISTRY (BCH)

Professor B. Smith; Associate Professors Beres (chair), A. Roerdink; Assistant Professor Aebly.

The programs of the Department of Chemistry and Biochemistry are designed to provide a background in the chemical and biochemical sciences within the context of a liberal arts education, and to prepare majors for occupational goals, professional school or graduate school. Courses serve students in the basic liberal arts program, those who plan to teach in elementary or secondary schools, and students who are interested in scientific research. The department offers two majors (Chemistry and Biochemistry) and one minor (Chemistry).

The Biochemistry major is interdisciplinary and deals with the chemistry of living organisms and their products. Students will gain (1) an understanding of biochemical issues; (2) skills in a variety of research techniques, (3) insights into research and data interpretation, and (4) communication skills in the sciences. They will be able to enter the employment pool directly as an entry level scientist; or, they may choose to enroll in graduate or professional school.

The Department of Chemistry and Biochemistry does not issue grade waivers in any of its majors or minors. Additionally, Biochemistry majors may not double major in Chemistry or minor in Chemistry.

**Biochemistry Major** (67 semester hours): BCH 316, 316L, 416, 425; CHM 111, 112, 201, 202, 210, 307, 445 (Senior Capstone Experience), 466; PHY 101, 102; MTH 222. Additionally, 6 additional credit hours (300 and 400 level) in CHM or BIO 318, 325, 329, 363 or 364; and, BIO 123, 123L, 223, 224 or 363. Note: CHM 103/L, 105, 106, 107, 108 and 205 may not be used toward major hours.

## BIOLOGY (BIO)

Professors Berger, Faber; Associate Professors Pruneski (chair), Spencer; Assistant Professors Kane, Simokat.

The programs of the Department of Biological and Environmental Sciences are designed to provide a background in the earth and life sciences within the context of a liberal arts education, and to prepare majors for occupational goals and advanced training. Courses serve students in the basic liberal arts program, those who plan to teach in elementary or secondary schools, and students who are interested in scientific research. The department offers two majors (Biology, Environmental Science) and three minors (Biology, Environmental Studies, Geology).

The Biology major prepares those who plan to work in the applied fields of allied health, podiatry, dentistry, medicine, veterinary medicine, medical technology, nursing, pharmacology, physical therapy, public health, agriculture, horticulture, agronomy, forestry, plant pathology and forensic biology.

The Biological and Environmental Science Department allows one grade waiver at any level.

**Biology Major:** 35 semester hours of which 20 must include: BIO 123, 123L, 124, 223, 224, 311, 312, and a capstone course as described below. The remainder of hours may be in BIO or ENS/WSS (ENS 234, 320; WSS 235, 305 only), but cannot include BIO 110/110L, 115, 121, 122, 205, or

370. Twelve of the 35 hours of BIO or ENS/WSS courses must be at the 300 or higher level.

**Allied Courses:** All biology majors must take 8 semester hours of Chemistry (111 and 112), 8 semester hours of Physics (101 and 102), and two courses from: MTH 119 or BIO 205; MTH 120, 121, 219, or 222. These courses are not considered “within the major” for purposes of either the grade waiver rule or residency requirements for transfer students.

**Capstone Requirement:** All Biology majors are required to complete with a C- or better a capstone experience designed to heighten their understanding of their chosen field. To this end, majors are asked to take one of the following courses, a principal component of which is a semester-long research project: BIO 318, 325, 329, or 415.

Students who do not wish to major in Biology but nonetheless have a strong interest in the biological sciences, have the option of pursuing a minor in Biology. Students have substantial flexibility in fashioning their minor according to the areas of biology that hold the greatest interest for them.

**Biology Minor:** 19 semester hours in Biology to include BIO 123 and 123L or 110 and 110L.

Students may apply a maximum of 8 semester hours in BIO 121, 122, 363 or 364 toward the minor. No hours from BIO 205, 311, or BIO 370 may be applied as credit towards the Biology Minor. Students may not apply both BIO 123/123L and BIO 110/110L toward the minor.

## Associated Resources

**National Center for Water Quality Research (Inquire with the Biological and Environmental Sciences chair)**

### Natural Areas

Heidelberg administers four natural areas which total nearly 100 acres and are an average distance of 15 miles from campus. In addition, state-managed river and marsh preserves are within a half-hour's drive. Heidelberg's natural areas represent four different types of woodlands. Two of these parcels, undisturbed for more than a century, were given to the University by two alumni, Paul Bartholomew and Wayne Funk. Also readily available to students for field study is Rock Creek, which flows through the main part of campus.

### Belize

This class (spring vacation in alternate years) spends several days snorkeling in a variety of reef environments on the second longest barrier reef in the world. The trip also includes visits to several inland environments.

### Internships

In recent years Heidelberg biology and environmental science majors have filled internships in a wide variety of situations. Local internship opportunities have included those provided by Waste Management, Inc., area departments of health, Ohio EPA, Ohio Department of Natural Resources, Sandusky River watershed coalition, Toledo Sight Center, hospitals and nursing homes and the National Center for Water Quality Research. Students have completed internships with the National Institutes of Health near Washington, DC and in programs with various universities and research facilities.

## BUSINESS ADMINISTRATION (BAE, FIN, INS, MKT, MGT)

Professor Johnson (dean); Assistant Professors Khetani, Monaco, A. B. Roerdink, Tsai, Woods; Visiting Assistant Professors Hill, Veal.

The mission of the business administration major is to prepare students to be effective, socially responsible and ethical leaders, managers, and scholars in the global business environment through experience-based learning that applies business theories, and integrates liberal arts with professional preparation. The business administration major offers four concentrations of study: finance, insurance and risk management, marketing, and a self-designed concentration. The concentration selected will appear on the official University transcript. The Business Administration major entails completion of a core set of preprofessional and professional requirements. Specific requirements vary by program.

Business Administration is a solid preparation for a career in business or management and for careers in accounting, finance, insurance, marketing, or production in public, private, profit, or non-profit organizations and for graduate school. As a professional program which provides opportunity for intersection of scholarship and practice, students develop specialized

knowledge, skills, and competencies. Students are expected to develop capacities to analyze, think independently and logically, and work effectively in a team setting.

The business administration major does not allow grade waivers in the pre-professional and professional core courses.

### **Required Core Courses**

#### **Pre-professional Core**

**Major** (21 semester hours): ACC 201, 202; BAE 101; ECO 251, 252; MTH 119; PHI 216 or 218.

Students who plan to enter graduate school are encouraged to take MTH 222, 223, and MTH 312 and/or BAE 368.

#### **Professional Core**

**Major** (21 semester hours): BAE 318; ECO 352, BAE 328, or FIN 355; FIN 301; MKT 200; MGT 200, 360, 490 (Senior Capstone Experience).

### **Concentrations**

Students majoring in Business Administration must complete one of the concentrations described below. Students may earn no more than two concentrations. Students must declare at least one concentration prior to taking any 300 or 400 level FIN, MGT or MKT courses beyond FIN 301 or MGT 360. Students who have declared a concentration may change their intended concentration or add a second concentration. In order to declare a concentration, students must submit a signed Declaration of Concentration form to the department administrative assistant. The form is available in the administrative office in Adams Hall.

#### **Concentration in Finance**

**Additional Courses** (9 semester hours): FIN 330, 350, 430.

The concentration in finance provides students with a fundamental understanding of how to analyze financial decisions and to consider risks so that financial capital is efficiently managed. Course requirements expose students to theory and practice of corporate finance, theory and practice of managing investments, and financial markets and institutions.

#### **Concentration in Insurance and Risk Management**

**Additional Courses** (12 semester hours): INS 201, 301 or 302, 303, 490.

The concentration in insurance and risk management provides students with an in-depth understanding and application skills of risk assessment, control and transfer for individuals, families, and commercial organizations. Students will develop a thorough knowledge of the different lines of insurance coverage available. Through successful class and test completion, students can achieve substantial progress toward industry-recognized certifications such as the Chartered Insurance Counselor and Certified Risk Manager of the National Alliance for Insurance Education and Research.

#### **Concentration in Management**

**Additional Courses** (9 semester hours): MGT 320, 340, 420.

The concentration in management is designed to present theories and practices of management and to encourage flexible learning, practice of management skills, and ethical dealings.

#### **Concentration in Marketing**

**Additional Courses** (9 semester hours): MKT 325, 345, and choose one from 410 or 435.

The concentration in marketing presents key marketing theories and practices and encourages creative thinking, practice of marketing skills, and ethical business dealings.

#### **Concentration in Self-Designed Business**

**Additional Courses** (9 semester hours): Three courses from ACC, BAE, FIN, MGT or MKT at the 300 or 400 level beyond the professional core. The Self-Designed Business Concentration option provides a student with the opportunity to choose courses that reflect his or her specific interests. The Self-Designed Business Concentration option must be declared in the same way the other concentrations are declared.

A Business Administration Minor will provide a pathway for a formalized transition from a non-business undergraduate degree background to the PlusOneAdvantage® Full-Tuition MBA Scholarship. Many career paths require business acumen to understand and apply the technology, terminology and techniques of today's best business practices. The Business Administration Minor gives students the opportunity to understand how businesses are run. Also a Business Administration Minor will help someone interested in running his or her own business or a non-profit organization.

**Business Administration Minor** (21 semester hours): ACC 190, BAE 101, ECO 102, FIN 301, MGT 200, MKT 200, MTH 119.

## Associated Resources

### Berg Business Board

The Berg Business Board (BBB) is composed of a group of highly accomplished business professionals and executives who assist the Dean in guiding, promoting, advising, and supporting the department. The goal of the BBB is to actualize the school's vision to be a premier business school providing liberal arts based business education. The board plays a critical role in bringing practitioner's perspective into the student's Berg educational experience and they ensure the rigor, relevance, and currency of the academic degree programs offered by the department.

## CHEMISTRY (CHM)

Professor B. Smith; Associate Professors Beres (chair), A. Roerdink; Assistant Professor Aebly.

The programs of the Chemistry and Biochemistry Department are designed to provide a background in the chemical and biochemical sciences within the context of a liberal arts education. The department offers two majors (Chemistry and Biochemistry) and one minor (Chemistry). These majors and courses of the department are designed to prepare students for employment, professional school or graduate school, teaching in elementary or secondary schools, and scientific research. The Chemistry major focuses on matter and the changes it undergoes. Students will gain (1) an understanding of chemical issues, (2) skills in a variety of research techniques, (3) insights into research and data interpretation, and (4) communication skills in the sciences.

The Chemistry and Biochemistry Department does not issue grade waivers in any of its majors or minors. Additionally, Chemistry majors are not eligible to double major in Biochemistry.

**Chemistry Major** (59 semester hours): CHM 111, 112, 201, 202, 210, 307, 311 or 407, 445 (Senior Capstone Experience), 446; BCH 316 and BCH 316L; BIO 123, 123L; PHY 101, 102; MTH 222, 223. Additionally, 6 CHM or BCH credit hours at the 300 or 400 level. CHM 103/L, 105, 106, 107, 108 and 205 may not be used toward major hours.

**Chemistry Minor:** 19 semester hours to include CHM 111, 112, 201, 210; remaining credits (3) in CHM or BCH at the 300/400 level, excluding CHM 103/103L, 105, 106, 107 and 108.

## CHINESE (CHI)

Professor Lepeley, Languages chair.

The Department of Languages does not offer a major or minor in Chinese. However, courses are integrated into the General Education curriculum and visiting professors from China brings a true sense of Chinese culture into the classroom. In a world of increasing interdependence, we seek political, economic and humanitarian solutions to complex global and regional issues. For this, we need more people who have acquired a sensitivity toward other cultures, and tolerance for other points of view and behavior patterns. An effective way to achieve this is through the study of foreign languages and their cultures, through residence and travel abroad, and through acquaintances and friendships with citizens of other countries.

## COMMUNICATION (COM)

Associate Professor J. O'Reilly; Assistant Professors Cutietta, Heaton (chair); Instructor Higgins.

The Department of Communication and Media offers a major and minor in Communication. These programs focus on communication competency and media literacy, helping students to develop critical thinking, research, writing, and oral communication skills. Such skills prepare majors for advanced study in communication, as well as a wide range of professional fields, including corporate training, government relations, and human resources.

The Communication and Media Department does not issue grade waivers in any of its majors or minors.

**Major** (40–42 semester hours): COM 101, 209, 210, 245, 350, 411 (senior capstone experience); MED 156, 171, 375; one from MED 322, 323, 325; 1–3 sem. hrs. from one or more of COM 369 (A,B), 370, MED 369 (A,B,C), 370. Specialized Coursework: COM 204, 311; two from COM 312, 314, 317, or WGS 300.

**Minor** (18 semester hours): COM 101, 204, 245, 311, 350; one from COM 312, 314, 317, or WGS 300; MED 171.

## COMPUTER SCIENCE (CPS)

Professor Close; Assistant Professors Huenemann, Joyce (chair).

The programs of the Department of Computer Science are designed to prepare students for successful careers and/or further study in the ever-evolving disciplines of computer science and information systems within the context of a liberal arts education. This preparation includes the application of fundamental computer science principles; software development skills; and the analysis, design, implementation, and administration of information systems projects. The department offers two majors (Computer Science and Information Systems) and two minors (Computer Science and Cybersecurity).

The Computer Science major offers a unique blend of computer science theory and information technology practice. Students in this major learn to model, design, and construct software; to solve problems using established techniques in database implementation and networking; and to develop effective methods for solving problems using computer-based solutions. Computer Science graduates have a comprehensive foundation that permits them to adapt to new technologies and new ideas.

Computer Science majors complete a concentration in either Computing Systems or Cybersecurity. Computer Science majors are not eligible to double major in information systems, nor are they eligible to minor in computer science or cybersecurity.

**Major:** CPS 150, 201, 202, 220, 301, 311, 312, 325, 345, and 490 (Senior Capstone Experience); PHI 202 or 380; MTH 119 and one additional MTH course numbered MTH 121 or higher; and one of WRI 351, 354, or 356.

**Plus ONE of these two concentrations:**

**Computing Systems Concentration:** 9 additional hours in CPS or IST at the 290-level or higher.

**Cybersecurity Concentration:** IST 320, 340; POL 389; and 3 additional hours in CPS or IST at the 290-level or higher.

The Computer Science Minor is for students who recognize that computer science may have an important supporting role to play in their academic and professional career.

**Computer Science Minor** (19 semester hours): CPS 150, 201; and, 12 semester hours in CPS Electives of which 6 semester hours must be at the 290-level or above.

## CRIMINOLOGY (CRM)

Assistant Professors Sell, Lazzari, (Professor of Psychology Stark, chair).

The Department of Psychology and Criminology offers a major in Criminology, which considers the theoretical and practical aspects of criminogenic factors in American society.

The program focuses on the application of psychological and sociological theories to understand criminal behavior, with emphasis on conducting and critiquing social science research as it applies to policies impacting the criminal justice system. Coursework includes nine core courses including introductory sociology, psychology, criminal justice, and explorations in the behavioral sciences, as well as a two-semester sequence in research methods and data science. Additionally, students must pick two courses focusing on practice within the criminal justice system and three courses highlighting theoretical perspectives common in the study of criminology. At completion of this major, students should be able to: A) explain, both orally and in writing, the criminal justice system, specifically the roles of citizens, police, corrections and courts; B) explain theoretical accounts of crime from a variety of perspectives, including biological, psychological, sociological, and critique those accounts; C) utilize appropriate tools, techniques, and data sources for empirical analysis; D) explain contemporary issues in criminal justice, including the roles of race, class, and gender.

**Major:** Minimum of 37 semester hours including the following requirements: SOC 100; PSY 101; CRM 151, 491 (Senior Capstone Experience); BSC 200, 201, and SOC 310; two of: CRM 220, 221, 362, POL 333, 334, SOC 380; and three of: CRM 333, 357, 380, PSY 209, 310, SOC 373, 445. The major also requires a junior experience designed to emphasize a more hands-on study of issues related to criminology, providing students with a high impact experience that will transfer to postgraduate opportunities for employment or further study. Completing at least three credits in one of the following courses will satisfy junior experience: BSC 370, 371, 372.

Coursework in biology, chemistry and computer science are strongly recommended. In addition, we expect each student to work closely with his/her advisor to choose courses in the areas of language, science, mathematics, business and communications that further his/her professional development.

## CYBERSECURITY (CPS, IST)

Professor Close; Assistant Professors Huenemann, Joyce (chair).

The Department of Computer Science offers a minor in cybersecurity which provides an introduction to key concepts in computer, network, and information systems security from both the managerial and technical perspectives.

Computer Science nor Information Systems majors cannot minor in cybersecurity. However, both may complete the Cybersecurity concentration in the respective major.

**Minor:** CPS 201, 325, 345; IST 320, 340; MTH 119 or higher; POL 389.

## ECONOMICS (ECO)

Professor Johnson (dean); Assistant Professor Monaco.

Economics is excellent preparation for entry into the fields of business and governmental economics as well as a solid foundation for the study of law. Students who anticipate graduate work in economics are strongly advised to obtain a second major in mathematics, or at least to complete MTH 222, 223 and 312.

The department does not allow grade waivers in the pre-professional and professional core courses.

### Required Core Courses

#### Pre-Professional Core

**Major** (15 semester hours): ECO 251, 252; MTH 119; MTH 121 or 222; PHI 216 or 218.

#### Professional Core

**Major** (18 semester hours): ECO 361, 362; 451 (Senior Capstone Experience); and, three additional courses to be selected from: ACC 190 or 201; BAE 328; ECO 352; FIN 301, 350, 355 and 430.

**Minor in Economics** (18 semester hours): ECO 251, 252, 361, or 362; one MTH course at the 121 level or above, and two additional courses selected from the following: BAE 328; ECO 352; FIN 350, 355. A student who takes both ECO 361 and 362 may count one of the courses toward the two additional course requirement. Students majoring in Economics may not also minor in Economics.

## EDUCATION (EDU, EIS)

Professor Haley; Associate Professor Castleman; Assistant Professors Haubert, Henry (chair), Pistorova.

Education offers educator preparation programs that lead to licensure in the State of Ohio. It is fully accredited by the Council for the Accreditation of Educator Preparation (CAEP). While specific elements of educator licensure vary from state to state, there is sufficient similarity so that the programs offered at Heidelberg will satisfy requirements in many states. Licensure candidates must apply for the appropriate Ohio Department of Education license within one calendar year of earning the Education degree.

Ohio teaching licenses are awarded to Education Majors in the following areas:

- I. Primary Education—Pre-K through Grade 5



- II. Middle Childhood Education—Grades 4 through 9
- III. Adolescent to Young Adult—Grades 7 through 12
- IV. Multi-Age— Music Education—Pre-K through Grade 12
- V. Intervention Specialist—(Special Education) Grades K through 12

Candidates may receive a four-year Resident Educator license in one of the first four areas listed. In addition, candidates may (1) add Intervention Specialist to any of the above, (this is not a stand-alone program at Heidelberg) or (2) seek a combination of two of the first four licenses. Note that this will require additional coursework and will take additional time. Also, some students will have a double major, e.g., Math and AYA. Candidates seeking licensure in two areas, must student teach in each area for at least six weeks.

Entering freshmen are classified as Conditional Education Majors (EDC) and take EDU 110 or MUS 110 and MUS 115 (Music Education majors only) and PSY 101 during their freshman year. Upon successful completion of these courses (C– or higher), students may enroll in EIS 200. Upon successful completion of this course (C– or higher), Conditional Education majors then enroll in EDU 220 (a 2.75 GPA also is required). During EDU 220, students should apply for admission to the Educator Preparation Program.

Admission to the Education Preparation Program is by application only and is subject to certain requirements. Prior to admission, those who plan to pursue a program in Education must have developed entrance level competency in general knowledge and professional studies as evidenced by the following requirements:

1. A cumulative grade point average of 2.85 or higher
2. Demonstration of general education proficiency in mathematics, reading, and writing as determined by the Education Preparation Program (e.g., current accepted passing rates on nationally normed assessments such as: Praxis Core Academic Skills for Educators in mathematics, reading, and writing; ACT; SAT). See specific details in the Educator Preparation Program Student Handbook.

Once accepted into the Educator Preparation Program, Conditional Education majors will be classified as Education Licensure Candidates (EDL). Conditional Education majors must be classified as EDL to enroll in 300–level professional education classes. They also must maintain a 2.85 cumulative GPA in order to enroll in any professional education courses at the 300–level or above. (The 2.85 GPA may be waived for candidates who have earned a passing score on all state-mandated tests required for the licensure area.)

Education Licensure Candidates (EDL) must earn passing scores on all state-mandated tests required for their licensure area before they will be permitted to register for student teaching (EDU 426, 427, 428, 429, 430).

All Education majors must complete the education licensure core courses. Beyond these, candidates need to complete the courses required for their specific licensure area. Any EDU or EIS course that is a prerequisite for any other EDU or EIS course must be passed with a grade of C– or better.

Ohio law requires that all persons working in schools with students must complete both an Ohio criminal background check and an FBI criminal background check annually, conducted by the Bureau of Criminal Identification Investigation (BCII). This applies to all education majors who are registered for any course with a field experience component. Background check fees are the students' responsibility.

The state of Ohio requires that all Primary and Middle Childhood majors, as well as those adding Intervention Specialist, complete a reading core curriculum of 12 credit hours. A passing score on a state-mandated test of principles of researched-based reading instruction is also required.

The required courses are EDU 230, 350, 414, and EIS 285.

#### **Required Education Licensure Core Courses: 40 semester hours:**

EDU 110 or MUS 110 and 115; EDU 220, 230, 324, 350, 416; EDU 426, 427, 428, 429, or 430; EIS 200, 272, 281, 320.

#### **I. Education Major: Primary Education Licensure Track (ERL)—52 semester hours:**

The goal of this track is to prepare Pre–K through Grade 5 teachers.

##### **Required Courses (in addition to the Licensure Core courses listed above)**

EDU 218, 225, 320, 322, 323, 345, 414; EIS 285; HIS 107, 120; MTH 117, 118; NDI 255; PSY 101; THR 108; BIO 110 and 110L or ENS 101 and 101L; GEO 101 and 101L.

#### **II. Education Major: Middle Childhood Licensure Track—15 semester hours:**

In addition to the Licensure Core courses listed above, students in this track must complete

the required courses and two areas of concentration listed below.

**Required Courses (in addition to the Licensure Core courses listed above)**

EDU 226, 310, 346, 414, and EIS 285

**Areas of Concentration (Choose two)**

Language Arts 22–24 hrs.	Social Studies 26 hrs.	Mathematics 21–22 hrs.	Science 24 hrs.
LIT 102	EDU 373	EDU 380	EDU 390
MED 369A	ECO 102	CPS 150 or 201	BIO 123 and 123L
WRI 210	HIS 105	MTH 117	ENS 101
or MED 205	HIS 106	MTH 118	PHY 100
LIT 231 or 232	HIS 107	MTH 119	PHY 172
EDU 218	POL 227	MTH 121	CHM 111
MED 156	HIS 120	MTH 222	GEO 101 and 101L
EDU 360	NDI 121		
	NDI 310		

**Middle Childhood Generalist (MGE)**

The Middle Childhood Generalist is an endorsement available only to those pursuing a middle childhood license. It will allow the candidate to teach all subjects in grades 4–5–6 only. While the endorsement is designed to meet the needs of grade level classroom configurations in which all subject areas are taught by a homeroom teacher, graduates with this endorsement will not be restricted to these classroom settings.

The following program of study has been approved for Heidelberg:

**To add Language Arts**, take: WRI 210 and LIT 102.

**To add Math**, take: MTH 117 and MTH 118.

**To add Social Studies**, take: HIS 107 and POL 227.

**To add Science**, take: BIO 110 and GEO 101.

Anyone who has already graduated may also add this endorsement to their license through Heidelberg by meeting the requirements listed above. Candidates must add both of the non-concentration areas to be able to teach in a self-contained classroom.

Additional Ohio Assessments for Educators (OAE tests) are required for the Middle Childhood Generalist Endorsement. Candidates seeking the endorsement must choose one option: either the 018 and 019 OAE Elementary Education Subtests or the content tests for each content area being added to the MC license.

**III. Education Major: Adolescent to Young Adult Track—15 semester hours:** The goal of the AYA track is to prepare teachers for grades 7 through 12. In addition to the Licensure Core courses listed above, students in this track must complete the required courses and one area of concentration listed below.

**Required Courses (in addition to the Licensure Core courses listed above)**

EDU 226, 310, 346, and EIS 285

**Areas of Concentration**

**A. Integrated Math License (AMT):** 44 semester hours

**Required Courses:** MTH 222, 223, 302, 303, 305, 307, 308, 310, 312, 401; EDU 386

**Allied Courses:** PHY 101; CPS 150, 201

**B. Integrated Language Arts License (ALA):** 45–47 semester hours

**Required Courses:** WRI 210 or MED 205; LIT 102, 205 or 206, 221 or 222, 231 or 232, 291, 306 or 307, 346; MED 156, 369A; ENG 490; EDU 218, 366

**Allied Courses (Choose 3):** COM 100, 209; MED 312, 325; THR 108, 306

**C. Integrated Social Studies License (AIS):** 54 semester hours

**Required Courses:** HIS 105, 106, 107, 108, 384, 385; HIS 311, 321 or 322; HIS 332, 333 or 335; HIS 325 or 357; HIS 386 or PSY 309; ECO 251, 252; REL 204; NDI 310; ANT 200; POL 221; POL 227 or 333; EDU 376

**D. Life Sciences License (ABI) (Teaching Area: Biology):** 58 semester hours

**Required Courses:** BIO 123, 123L, 124, 223, 224, 311, 312, 363; EDU 396

**Allied Courses:** CHM 111, 112; PHY 101, 102; MTH 119; MTH Elective; GEO 101 or 201

Choose 6 additional hours from: BIO 318, 325; BIO 390 and 391; BIO 425 and 426; ENS 101

**E. Integrated Science Option I (ASC) (Teaching Areas: BIO/CHEM/Earth Science/Physics):** 60 semester hours

**Required Courses:** BIO 123, 123L, 124, 223, 224, 363; CHM 111, 112, 201; CHM 202 or 210;

GEO 101, 101L, 201; PHY 101, 102, 172; 3 hours of PHY electives (excluding 104); EDU 396

**F. Integrated Science Option II:** 38 semester hours and one of the Teaching Areas (1 or 2)

below.

**Required Courses:** BIO 123, 123L, 124, 223, 224; GEO 101; PHY 101, 102; CHM 111, 112; EDU 396

**1. Teaching Areas: Biology/Chemistry (ABC):** 15 semester hours. CHM 201, 202, 210, 307

**2. Teaching Areas: Biology/Earth Science (AEB):** 10–11 semester hours. GEO 201, 202, 305; WSS 305 or PHY 172

**IV. Multi-Age Track**—The goal of the Multi-Age track is to prepare Music teachers for Pre-K through grade 12. Music Education candidates are Bachelor of Music majors and licensure candidates, not Education majors. Refer to the Music section to see course requirements.

## Additional Licensure Option

### Intervention Specialist (ISP): 20 semester hours

The goal of the Intervention Specialist program is to enable teacher candidates seeking primary, middle childhood, or adolescent/young adult teaching licensure to obtain an additional license to work with children with mild/moderate disabilities. The program is not a stand-alone major.

#### Required Courses:

EIS 273, 279 (taken in place of EIS 281), 350, 429, 471, 473.

## ENGLISH (ENG, LIT, WRI)

Associate Professor Isaacson (chair); Assistant Professors Biederman, Devine, El Gendy.

Courses offered in the Department of English enhance literary appreciation and interpretation and refine analytical and writing skills, techniques which help students become successful and productive professionals. English courses also acknowledge the value of the entire spectrum of the liberal arts: the other humanities, performing arts, sciences, social sciences and business. An English major provides students with a truly liberal arts education.

English majors find careers in nearly every profession. Alumni have careers in technical writing, publishing, journalism, public relations, public service organizations, financial institutions, law, libraries, museums, education — in short, in professions of all kinds. English is an excellent pre-professional major too. Oftentimes later in their careers, English majors complete masters' degrees in other subjects — education, counseling and business, to name only a few.

A second major or a minor in English complements work in other fields. Employers in the scientific, industrial, and business professions want employees who can think analytically and creatively and who can communicate their ideas effectively, typical strengths of an English major or minor.

**Major:** 36 semester hours in the Literature or Writing Concentration.

### Concentration in Literature

- A. All of the following: LIT 102, 221, 222, 231, 232, 291, and 346; and ENG 290, 490 (Senior Capstone Experience).
- B. At least four courses from the following: LIT 205, 206, 300, 306, 307, 330, 340, 350, 355, 360.
- C. Recommended elective courses: Any language course; any HIS course; MED 156, 322, 323, 325; MUS 107; NDI 301, 302; PHI 200, 309, 310; REL 109, 201, 202, 204, 302, 308; THR 150, 321, 322; WGS 100, 300, 400; WRI 210, 213, 254, 255, 260, 310, 311, 312, 314.

### Concentration in Writing

- A. All of the following: LIT 102, 291; ENG 290, 490 (Senior Capstone Experience).
- B. At least 15 semester hours from the following: WRI 210, 213, 310, 311, 312, 314, 351, 352, 353, 354, 355, 356; MED 205.
- C. At least two courses from the following: LIT 205, 206, 221, 222, 231, 232.
- D. At least two courses from the following: LIT 300, 306, 307, 330, 340, 346, 350, 355, 360.
- E. Recommended elective courses: Any language course; COM 350; ENG 369, 371, 372, 471, 472; MED 163, 164, 171, 205, 304, 312, 313, 314, 369A; NDI 382; PHI 202.

**Minor in Literature:** 21 semester hours selected from the following:

- A. All of the following: LIT 102, 221, 222, 231, 232, 291.
- B. At least one course from the following: LIT 205, 206, 300, 306, 307, 330, 340, 346, 350, 355, 360.

**Minor in Writing:** 21 semester hours selected from the following:

- A. Both LIT 102 and 291.
- B. At least 15 semester hours from the following: WRI 210, 213, 310, 311, 312, 314, 351, 352,

353, 354, 355, 356; MED 205.

Students majoring in English Literature are not eligible to minor in Literature and students majoring in English Writing are not eligible to minor in Writing.

## ENGLISH LANGUAGE INSTITUTE (ELI)

Director and Instructor Arnold.

The Heidelberg English Language Institute (HELI) offers intensive English language training combined with cultural orientation for students whose native language is not English, but who wish to attend an American college or university. The courses are sequenced according to skill levels of English, ranging from low-intermediate to advanced. A maximum of twelve (12) credits earned for the 100-level courses are applicable toward a degree at Heidelberg University.

In an effort to enhance the international students' opportunities to improve their communication skills, their understanding of the culture and their ability to intermingle with their American peers, HELI offers peer partners and Culture Exchange in which the students come together in a non-threatening environment for loosely structured conversation and dialogue with Americans. Non-native English speakers participate in small group conversation with American partners. Conversation topics focus on the cultural aspects of American life and society.

## ENVIRONMENTAL SCIENCE AND SUSTAINABILITY (ENV)

Professors Berger (committee chair), Faber; Associate Professors Pruneski, Spencer.

The Environmental Science and Sustainability major is interdisciplinary and is designed to prepare students to meet the growing demand for environmental scientists and managers. Through completion of the major requirements students will gain (1) an understanding of environmental issues, (2) skills in a variety of field and laboratory research and monitoring techniques, (3) experiences in research and data interpretation, and (4) communication skills in the sciences. Students will interact regularly with staff scientists of the National Center for Water Quality Research (NCWQR). The NCWQR program centers on collection, analysis, and interpretation of environmental data necessary for improved water resource management in the Great Lakes Basin and Ohio River basins. These research programs are supported by governmental agencies, industries, and foundations. Students with an interest in water-related fields or in pursuing graduate studies are strongly encouraged to complete the Watershed Science Specialization.

**Major** (55 credit hours): ENS 101, 101L, 234, 310, 315, 320, 361, 425, 490 (Senior Capstone Experience); BIO 124, 205; CHM 111, 112, 205; GEO 101, 101L, 250; MTH 121 or placement into MTH 222 (Note: students who do not place into MTH 121 will need to take one or more additional math courses prior to taking MTH 121).

**Environmental Studies Minor:** 18-19 semester hours including ENS 101, 101L, PHI 216 or 217, and at least 11 hours from the following: BIO 124, 213; CHM 111; GEO 101, 101L, 201; GEO 305 or 306. Students majoring in Environmental Science may not also minor in Environmental Studies.

No grade waivers will be granted for any required course above the 100 level applied toward the Environmental Science major, nor for the Environmental Studies minor.

## Associated Resources

**National Center for Water Quality Research (Inquire with the Biological and Environmental Sciences chair)**

### Natural Areas

Heidelberg administers four natural areas which total nearly 100 acres and are an average distance of 15 miles from campus. In addition, state-managed river and marsh preserves are within a half-hour's drive. Heidelberg's natural areas represent four different types of woodlands. Two of these parcels, undisturbed for more than a century, were given to the University by two alumni, Paul Bartholomew and Wayne Funk. Also readily available to students for field study is Rock Creek, which flows through the main part of campus.

## **Belize**

This class (spring vacation in alternate years) spends several days snorkeling in a variety of reef environments on the second longest barrier reef in the world. The trip also includes visits to several inland environments.

## **Internships**

In recent years Heidelberg biology and environmental science majors have filled internships in a wide variety of situations. Local internship opportunities have included those provided by Waste Management, Inc., area departments of health, Ohio EPA, Ohio Department of Natural Resources, Sandusky River watershed coalition, Toledo Sight Center, hospitals and nursing homes and the National Center for Water Quality Research. Students have completed internships with the National Institutes of Health near Washington, DC and in programs with various universities and research facilities.

## **EXERCISE SCIENCE (EXC)**

Assistant Professor Kocher (chair).

The Exercise Science major, located within the Exercise Science and Sport Studies Department, is designed for students to help meet the dynamic need of health specialists specifically in fitness assessment, exercise prescription and program leadership. The major will equip students with skills and competencies for careers in exercise physiology, personal training, strength and conditioning, cardiac rehabilitation, lifestyle management, corporate wellness, private health clubs, YMCAs, YWCAs, elderly fitness and exercise programming for special populations.

**Major** (37 semester hours): ESS 101, 102, 211, 212, 306, 307, 311, 312, 313, 350, 391, 491; ATR 389; HSC 477, 487.

**Allied Courses** (16 semester hours): MTH 119; one sequence from BIO 121 and 122 or BIO 363 and 364; ATR 213; HSC 150.

**Recommended Electives:** ESS 240, 317; PSY 212

## **FRENCH (FRN)**

Professor Lepeley, Languages chair.

While the Department of Languages does not offer a standalone major or minor in French, courses are available to help the student to assimilate the French language and to enjoy the literature, culture and art of France and the more than 37 Francophone countries.

**Placement Test:** Students with previous training in French who wish to continue the language at Heidelberg University should take the French Placement test. The results of the test and consideration of the student's previous training in French will form the basis for placement at the appropriate level.

**Credit by Examination:** Students who have completed three or more years of French in high school may apply for credit by examination for courses beyond FRN 101-102. Students must make arrangements with the French faculty, complete the appropriate form in the Registrar's Office and pay the prescribed fee at the Business Office. The results of the test should be submitted to the Registrar's Office within the first four weeks of the semester in which the student is taking the next higher level French course. Therefore, the application procedure should be completed as early as possible.

## **GEOLOGY (GEO)**

Professor Berger. (Associate Professor of Biology Pruneski, chair).

The Department of Biological and Environmental Sciences offers a Geology Minor with coursework serving as an introduction to general earth science and advanced topics with an emphasis on surface and environmental systems. A minor in geology provides students with a background in geology and field experiences with an emphasis on surface systems.

**Geology Minor** (15 semester hours): GEO 101, 101L, 201, 305 (2 semester hours), and 6 additional hours from GEO 250, 306, 308, or 350.

## GERMAN (GER)

Assistant Professor Poelzler-Kamatali; Instructor Maiberger; Heidelberg staff abroad: Kley and Doerr. (Professor of Spanish Lepeley, chair).

The Department of Languages offers a major and minor in German. Many Americans have cultural ties to the German-speaking peoples of Central Europe, and recent history calls for a deeper understanding of the unique cultural and political significance of these countries. Significant commercial ties and cooperation in research, especially with the Federal Republic of Germany, but also with Switzerland and Austria, underscore the usefulness of German as a vocational asset. Students majoring in German reap these rewards; and they gain access to the wealth of German civilization.

The University's chapter of Delta Phi Alpha, the national German honorary society, is open to outstanding students who are invited to membership.

Sponsored by Heidelberg University, the American Junior Year/Semester at Heidelberg University provides an opportunity for students to study at one of Europe's most illustrious centers of learning. A six-week summer session in May and June offers students the opportunity to earn 6-8 semester hours of credit on the intermediate and advanced levels. See the website for more information: [www.heidelberg.edu/ajy](http://www.heidelberg.edu/ajy).

**Major:** 30 hours in German beyond the introductory level (101-102), including the following: GER 290, 489, 490 (Senior Capstone Experience) and two German literature courses taken in Heidelberg, Germany; two semesters at the American Junior Year at Heidelberg; and one of the following allied courses: ANT 200, LIT 102, HIS 106, NDI 301, NDI 302, POL 263 or any course in another language.

**Minor:** 15 hours beyond the six-hour introductory sequence (GER 101-102). It is recommended that students spend at least a semester or a summer at the American Junior Year at Heidelberg, Germany or another site approved by the Department of Languages.

**Placement Test:** GER 101-102 or equivalent.

**Allied/Prerequisite Course:** Students with previous training in German who wish to continue the language at Heidelberg University should take the German Placement test. The results of the test and consideration of the students' previous German training will form the basis for placement at the appropriate level.

**Credit by Examination:** Students who have completed three or more years of German in high school may apply for credit by examination for courses beyond GER 101, 102. Students must make arrangements with the department faculty, complete the appropriate form in the Registrar's Office and pay the prescribed fee at the Business Office. The results of the test should be submitted to the Registrar's Office within the first four weeks of the semester in which the student is taking the next higher level German course. Therefore, the application procedure should be completed as early as possible.

## GREEK (GRK)

Professor of Spanish Lepeley, Languages chair.

The Department of Languages does not offer a standalone major or minor in Greek; however, courses are available for the study of ancient Greek language and literature to enrich a liberal education by helping students understand the structure of the Indo-European family of languages and appreciate the contributions of classical culture to the modern world. Greek courses are offered when student demand is sufficient.

## HEALTH SCIENCE (HSC)

Assistant Professors Musgrave (chair), Oates, Suffel; Instructors Belliveau, Depinet.

The Health Science major, located within the Department of Athletic Training, prepares students for a variety of studies within the health sciences. Students will be prepared to work in schools, businesses, health care settings, and the community in a variety of healthcare related positions. A major in health science equips students with a variety of educational tools and techniques to use in their profession by emphasizing both health behavior theories and practical application through educational programming and service in the field.

The Health Science major does not issue grade waivers in the major or minor. Health Science majors may not double major in Athletic Training.

**Major:** 22 semester hours of HSC, 5 semester hours of ATR, 5 hours of ESS, and 6 hours of PSY.

**Required Courses:** HSC 110, 150, 290, 360, 370, 390, 425, 477, 485, 487, 490 (Senior Capstone Experience); HSC 171, 213; ESS 240, 306; PSY 101 and one additional PSY course from the following list 205, 206, 207, or 209.

**Allied Courses:** MTH 119, 219; select one sequence from either: BIO 121, 122, and CHM 106; or, BIO 123/123L, CHM 111, and BIO 363. Students should consult their academic advisor or the department to determine the best sequence based upon future aspirations.

**HSC Pick List:** Choose 1 course from: ATR 389; ANT 200; EDU 200; ESS 116; PHI 216, 217; PSY 205, 206, 207, 209, or 212.

**NOTE:** The HSC pick list course must be different than the PSY course listed in the major requirements.

**NOTE:** Transfer students are required to complete at least 24 hours in HSC major while in residence.

### Pre-Professional Curriculum Option

Several sub-disciplines of Health Sciences are graduate level programs that have competitive admissions processes that will demand the students have high academic marks and appropriate prerequisite coursework. For students with such ambitions, the department has developed the Pre-Professional Curriculum Option that is designed to meet standard prerequisites for graduate studies in Physical Therapy, Occupational Therapy, Chiropractic, and Physician Assistant Studies. The specific prerequisite coursework will vary by program and institution, therefore requiring students and their departmental advisor to develop a path that meets the students' aspirations.

## HISTORY (HIS)

Professors Haley, Hogan, M. O'Reilly (chair); Associate Professor DeMayo.

The Department of History and Political Science offers a major History and minors in History and Public History. History is a record of human achievements, downfalls, joys, customs and ways of thinking that, in total, have affected the lives of others. Students taking history courses can learn much from the experiences of the past and present, which enable them to have a greater understanding of how events and people influence the lives of human beings within nations or the world.

**Major** (33 semester hours): 105, 106, 107, 108, 223 and HIS 405 (Senior Capstone Experience), and 15 additional semester hours at the 300 level, with at least one course from each of the categories:

A. **European:** HIS 311, 321, 322, 325, 357, 359.

B. **World:** HIS 331, 332, 333, 335, 352.

C. **American:** HIS 320, 374, 375, 384, 385, 386.

**Allied Courses:** Ten semester hours selected from courses offered in Literature, Political Science, Anthropology, Languages or Philosophy. At least half of these credits must be at the 200 level or above.

**Minor** (18 semester hours): HIS 105 or 106; HIS 107 or 108; 223. Plus 9 hours of 300 level HIS courses, one from each of the categories:

A. **European:** HIS 311, 321, 322, 325, 357, 359.

B. **World:** HIS 331, 332, 333, 335, 352.

C. **American:** HIS 320, 374, 375, 384, 385, 386.

## HONORS PROGRAM...“LIFE OF THE MIND” (HNR)

Associate Professor Isaacson (director).

The Heidelberg University faculty believes in challenging students to reach their full potential. “Life of the Mind” is a comprehensive approach toward empowering students to explore their abilities within a supportive community of scholars and learners. The program is comprised of four intellectual areas: the Scholar, the Scientist, the Artist and the Citizen.

**The requirements for B.A. and B.S. degrees are as follows:**

Attainment of a cumulative grade point average of 3.3 or higher



Completion of a departmental or interdisciplinary major  
 Completion of HNR 111, Introduction to Life of the Mind (1)  
 Completion of four thematic seminars representing the Scholar, the Artist, the Scientist and the Citizen (HNR 103, 203, 303, 403)  
 Completion of HNR 307, Service Learning Seminar (1), and 40 hours of community service or NDI 345  
 Completion of HNR 455, Senior Honors Project (1-3 hrs.) with a grade of B- or higher  
 Completion of Portfolio  
 Completion of 2 credit hours in Personal Health and Wellness listed within the General Education Requirement section  
 Completion of the Responsibility and Major Related Requirements (refer to complete policy) for all Majors and Programs.

**Completion of 10 support courses:**

1. Courses must have 10 different prefixes
2. Five must be at 200 level or higher
3. At least 2 courses from each of the 4 disciplines
  - Natural Sciences: ATR, BIO, CHM, CPS, ENS, FSC, GEO, MTH, PHY (excluding PHY 104)
  - Humanities: COM, MED (except MED 322), ENG, WRI, LIT, HIS, languages, REL, PHI
  - Arts: Music, Art or one of the following: MED 322; THR 105, 150, 207, 306, 320, 325, 327; NDI 301, 302, 322, NDI 255 (Early Childhood majors only), PHY 104, WRI 210.
  - Social Sciences: ACC, ANT, BAE, ECO, EDU, EIS, HHP (excluding 100 or 103), POL, PSY
4. Must be taken for letter grade credit

The requirements for the BMUS degree include all of the above, with the exception that only 2 support courses are required, one each from two disciplines other than the arts.

**Withdrawal from the Honors Program**

If a student is dismissed or voluntarily withdraws from the Honors Program, the Director of the Honors Program, in consultation with the Honors Committee, will determine whether the student (1) may complete the honors requirements or approved substitutions, minus HNR 455 (Senior Honors Project), HNR 307 (Service Learning), and the honors portfolio, or (2) will be required to complete the General Education requirements. A student who disagrees with the decision of the Director of the Honors Program may appeal the decision in writing to the Provost within 14 days of receipt of the decision. A student in good standing in the Honors Program who wishes to withdraw from the program must submit a written request to withdraw to the Director of the Honors Program. The request must be submitted prior to the completion of 75 credit-hours applicable towards the student's degree program. Exceptions may be made in cases of serious illness, hardship, or unusual personal circumstances.

## INFORMATION SYSTEMS (IST)

Professor Close; Assistant Professors Huenemann, Joyce (chair).

The Department of Computer Science offers a major in information systems. The Information Systems major focuses on architecting and managing information technology solutions that enable organizations to be efficient and to achieve their goals effectively. Students learn to describe the technological, human, and organizational concepts of information systems and how to harness technology to provide operational and competitive advantage. The major includes core concepts from both the computer science and information systems domains.

Information Systems majors complete a concentration in either Management Information Systems or Cybersecurity.

Information Systems majors are not eligible to double major in computer science, nor are they eligible to minor in computer science or cybersecurity.

**Major: Computing Core:** CPS 150, 201, 325, 490 (Senior Capstone Experience).

**Information Systems Core:** IST 110, 314, 316, 318, 320, 342; PHI 218; one of WRI 351, 354, or 356.

**Business Core:** ACC 201; COM 100; ECO 251, 252; MTH 119, 219; WRI 101; MGT 300 or 360.

**Plus ONE of these two concentrations:**

**Management Information Systems Concentration:** 6 additional hours in CPS or IST at the 290-level or higher.

**Cybersecurity Concentration:** IST 340; CPS 345; POL 389.

## INTEGRATED MEDIA (COM, MED)

Associate Professor J. O'Reilly; Assistant Professor Cutietta, Heaton (chair), Palmer; Instructor Higgins.

The Department of Communication and Media offers a major and minor in Integrated Media. These programs focus on communication competency and media literacy, helping students to develop critical thinking, research, writing, and oral communication skills. Such skills prepare majors for advanced study in media, as well as a wide range of professional fields, including broadcasting, social media, journalism, public relations, and media management.

The Communication and Media Department does not issue grade waivers in any of its majors or minors.

**Major** (40–42 semester hours): COM 101, 209, 210, 245, 350, 411 (senior capstone experience); MED 156, 171, 375; one from MED 322, 323, 325; 1–3 sem. hrs. from one or more of COM 369 (A,B), 370, MED 369 (A,B,C), 370. Specialized Coursework: MED 205, 307; one from MED 304, 357; one from MED 312, 313, 314.

**Minor** (20 semester hours): COM 350; MED 171, 205; MED 156 or one from MED 161, 162, 163, 164; COM 209 or MED 307; MED 304 or MED 357; one from MED 312, 313, 314.

## INTERNATIONAL STUDIES (ITS)

Professors Lepeley, M. O'Reilly (chair); Associate Professors DeMayo, A. Roerdink.

Interdisciplinary major taught by faculty from several departments. International Studies is housed within the History and Political Science Department.

The International Studies Major is intended both for students who:

- (1) want to study patterns of relationships between nations, international organizations and the political, social and economic environment in which these occur; or
- (2) desire to study the diverse historical, social and cultural experiences of contemporary human societies.

Therefore, students who declare an International Studies Major are required to select EITHER Concentration One (International Relations) OR Concentration Two (Crosscultural Studies).

### Major:

1. All students must successfully complete a language other than their native tongue. This requirement can be met by taking a 300-level course in the second language, or by demonstrating language proficiency through a method determined by, and acceptable to, the ITS Committee.
2. All students must complete ITS 409, a three-credit research seminar in International Studies. This will fulfill the Capstone requirement.
3. International Experience Requirement – Majors are required to take part in an international experience that is approved in advance by the ITS Committee and meets the following conditions:
  - A. Students who have lived primarily in the United States take part in an academic program or internship three months in duration, and in a country other than the United States. Students are strongly encouraged to spend a full academic year abroad.
  - B. Students who have lived primarily in countries other than the United States take part in an off-campus academic experience or internship worth 6 or more credit hours. Acceptable options include the Washington Semester program, a study abroad program or an internship in the United States.

### Concentration One: International Relations

**Required Courses:** HIS 106; ANT 200; POL 221; ECO 251, 252; ITS 409 (Senior Capstone

Experience); and four courses selected from: ECO 352, 364; ENS 101; HIS 105, 325, 333, 352; POL 240, 263, 293, 361, 376, 377, 383; REL 204. Two of the courses must be at the 300 level and no more than two selected from the same department.

### **Concentration Two: Crosscultural Studies**

**Required Courses:** HIS 106; POL 221; ANT 200; ITS 409 (Senior Capstone Experience); and six courses to be selected from: ENS 101; ECO 251, 252, 352, 364; GEO 201; GER 317, 318, 417, 418; HIS 105, 325, 333, 352, 357, 359; MUS 107, 213, 246 247; POL 200, 240, 263, 293, 361, 383; NDI 345, 382; REL 204; SPA 321, 325, 330, 333 or 334. Three of the courses must be at the 300 or 400 levels and no more than three selected from the same department.

### **Minor: International Studies**

1. All students must successfully complete a language other than their native tongue. This requirement can be met by taking a 200-level course in the second language, or by demonstrating language proficiency through a method determined by, and acceptable to, the ITS Committee.
2. The minor requires a short-term, academic experience outside of the United States (of one week or longer), approved in advance by the ITS Committee. Current University programs that fulfill this requirement include the "Border Trip" (NDI 345), Belize (BIO 375), the Heidelberg@Heidelberg Summer Program in German and European Studies, Oxford, Seville, Alicante, Cuernavaca, and any short-term Heidelberg study trips approved by the ITS Committee. Non-Heidelberg academic programs can be accepted, but must be approved in advance by the ITS Committee. Academic travel undertaken prior to admission to Heidelberg will under no circumstances be accepted as a fulfillment of this requirement.
3. **Required Courses** (21 semester hours): POL 221; ECO 251 or 252; HIS 106; ANT 200; one from HIS 333, 352, 357, 359; one from POL 240, 263, 293, 383; one from ENS 101, NDI 382, GEO 201, REL 204, MUS 213.

## **LATIN AMERICAN STUDIES**

Professor of Spanish Lepeley, Languages chair.

The Department of Languages offers a minor in Latin American Studies. Students with a Latin American Studies minor are strongly encouraged to participate in a short-term academic experience outside of the United States (of one week or longer; for one semester hour credit, or more). Current University programs that would fulfill this include the US/Mexico Border trip, Belize, and summer study in Spain or Mexico.

**Latin American Studies Minor** (15 semester hours): two courses selected from HIS 251, 252, 361; POL 250 or POL 221; SPA: one 300-level course; NDI 340, or 345.

**Prerequisite Courses:** The prerequisite for a 300-level Spanish course is SPA 202 or equivalent.

## **LEGAL STUDIES**

Professors Hogan, M. O'Reilly (chair).

Legal Studies is offered as a minor within the Department of History and Political Science. The goal of the Legal Studies minor is to enhance knowledge of the legal system for those students interested in legal issues, considering law school and/or careers in the legal professions, or interested in the many interfaces between society and the law.

**Required Courses** (18 semester hours): POL 200, 235, 236, 377; plus any 6 hours from the following: BAE 318, 319, ECO 346 and MED 375. Students may major in POL and minor in Legal Studies.

## **MATHEMATICS (MTH)**

Professors Huang, Lemley (chair), Velasquez.

The Department of Mathematics and Physics seeks to contribute to the educational mission of Heidelberg University by providing: 1. instruction in mathematics as a major/minor area of study; 2. service courses for other departments in which mathematics is considered a vital tool; 3. the necessary mathematics preparation for prospective elementary and secondary school teachers.

**Major:** 31 semester hours in mathematics courses numbered 222 or above, including 222, 223, 307, 308, 490 (Senior Capstone Experience), and one course selected from 401, 402, 403, and 404. Note: The MTH 490 requirement and the associated 1 semester hour will be waived if a student satisfies the capstone requirement in the completion of a second major.

**Allied Courses:** PHY 101, CPS 150, any CPS course numbered over 200, and one additional course selected from the departments of Biology, Chemistry, Computer Science, Philosophy and Physics. Candidates for the education license in Integrated Math for Adolescent to Young Adults (AYA) must include CPS 201.

**Minor:** 15 semester hours which must include MTH 222, 223; remaining hours must be 300 level or above. The prerequisite for MTH 222 is MTH 121.

## MEDIA TECHNOLOGY (COM, MED)

Assistant Professor Heaton (chair); Palmer.

The media technology minor is offered through the Department of Communication and Media. Knowing how to use technology is becoming a mandatory skill in a variety of fields. This minor will introduce students to many different types of technology and how to use them effectively.

**Media Technology Minor** (16–17 semester hours): MED 171, COM 209, MED 307, MED 326; and three credits of the following MED 369A, B, or C or MUS 370 or THR 370 or MED 370 or THR 219; and one of the following MUS 240, MED 126, PHY 104.

## MUSIC (MUS)

Associate Professors Dusdieker, Ramsdell, Specht; Assistant Professor Waters; Instructors Kretzer, J. McConnell.

The School of Music and Theatre, within the School of Humanities, Education and the Arts, offers a Bachelor of Arts music core and requires one area of concentration: traditional music or popular music. Bachelor of Arts music majors are encouraged to consider a second major to combine their enthusiasm for an active musical life with outside academic interests. Students seeking a music major must audition with the School of Music and Theatre prior to acceptance to the major. All music majors are to follow the School of Music and Theatre Handbook policies. Please refer to the Bachelor of Music section for degree requirements for all music majors.

The Bachelor of Arts incorporates students in performance, theory, history, and the role of music within society and cultural development. The concentration in Traditional music will focus on musical development within the classical genre, while the concentration in Popular music focuses on American vernacular music.

**Music Major Core (27 hours):** A grade waiver will not be permitted in the Music Major Core Requirements.

Performance (18 Hours): Major Ensemble (4 hours; experiences) MUS 100–200; Music

Performance Area (10 hours) MUS 125, 126, 225, 226, 325, 326, 425, 426, 091, 185, 186, 499 (Senior Capstone); Performance Class (8 experiences) MUS 051, 052, 053, 054, 055, 056, 057, 058.

**Theoretical Music (9 Hours):** MUS 115, 121, 122, 123, 124.

**Popular Music Concentration (18 Hours)**

Performance (3 hours): MUS 369, (4 experiences) Small Ensembles MUS 150–250 a–d, or THR 220.

Theoretical Music (2 hours): (Choose one) MUS 107, 213, 246 or 247.

Popular Music (9 hours): MUS 151, 152, 153, 154, 211.

Supporting Coursework (4 hours): MUS 337 and any MUS course except MUS 104, 105, 149 and applied lessons (MUS 125/6–145/6).

**Traditional Music Concentration (18 hours)**

Performance (4 hours): Major Ensemble (4 hours and each term of enrollment) 300, 400.

Theoretical Music (6 hours): MUS 107, 213; (Choose one of) MUS 246, 247.

Supporting Coursework (8 hours): MUS 337 and (5 hours with 2 hours at the 300/400 level) any MUS courses, except MUS 104, 105, 149 and applied lessons (MUS 125/6–145/6).

### **Music Minor (21 Hours)**

Performance (8 hours): Major Ensemble (4 hours) MUS 100a, b, c, d. Non-major Applied Lesson (4 hours) MUS 127, 128, 227, 228.

Supporting Coursework (6 hours): MUS 121, 123, 2 hours from MUS 107 or 213.

Electives (7 hours): Any MUS course with one course at the 300 level. Courses that cannot be used toward the elective hours are: MUS 104, 105, 149, additional applied lessons, additional major ensembles. Bachelor of Music majors are not eligible for the Music Minor.

## **PHILOSOPHY (PHI)**

Professor Close (chair).

The Department of Philosophy and Religion offers a major and minor in Philosophy. Philosophy enhances critical thinking, engenders ethical awareness and provides opportunity for the analysis and discussion of important and difficult issues and problems. The skills associated with the study of philosophy are highly valued by the legal and medical professions, government, education, business and many other areas of our society. Philosophy majors routinely perform well on GRE exams and are at a substantial advantage in gaining admission to law school.

**Philosophy Major** (30 semester hours): 18 hours to include PHI 140, 202 or 380, 216, 309, 310, 490 (Senior Capstone Experience); and 12 hours at the PHI 200 level or above; POL 200 may be counted among the 30 hours in philosophy.

A maximum of 6 semester hours may be taken in Independent Study (413, 414) or the Honors Course (475, 476).

**Philosophy Minor** (18 semester hours): Required courses are PHI 140, 202, 216, 309, 310, and one other PHI course at the 200 level or above.

## **PHYSICS (PHY)**

Professors Lemley, Velasquez.

Physics, housed within the Department of Mathematics and Physics, deals with the structure and properties of matter, the transformation and propagation of energy and the relationships between matter and energy. Students enrolled in physics can learn physical principles that can be applied to everyday situations and to modern technology from aviation to medical imaging. Students can also learn the consequences of physics in regard to its philosophical implications and social impact such as in theories of cosmology.

**Physics Minor:** 19 semester hours including PHY 101, 102, 227, 228, and three additional hours of physics to include one 300 level or higher course. May not use PHY 104.

**Minor Allied Courses:** MTH 222, MTH 223, and MTH 307.

## **POLITICAL SCIENCE (POL)**

Professor M. O'Reilly (chair); Assistant Professor Bowman.

Political science is a dynamic and wide-ranging discipline that explores governmental institutions, political processes, and political philosophy throughout history and around the world. Political scientists specifically study the formation and execution of policy and law, elections and voting, the nature of communities, as well as the way individuals and nations work together to solve problems, resolve disputes, and live in peace. Political scientists also consider questions of justice, law, power, liberty, equality, war, authority, rights, leadership, collective action, social choice, responsibility, and much more.

Students majoring in political science have the opportunity to cultivate an array of broadly transferable skills in writing, research, public speaking, leadership, diplomacy, strategic decision-making, interpersonal communication, teamwork, critical thinking, and analysis. Political science, then, is a popular major for those interested in careers in law, politics, journalism, public administration, higher education, foreign service, government, and the nonprofit sector. Many political scientists are also found in business management, sales, marketing, publishing, engineering, research and development, healthcare, insurance, and more.

Heidelberg University's program focuses on the interdisciplinary study of political reality, drawing especially on the social sciences and humanities. We also strongly encourage students to apply their classroom experience through internships in Washington, DC, in Ohio, or anywhere in the world.

The Department of History and Political Science offers a major and a minor in Political Science, as well as a minor in Legal Studies.

**Political Science Major** (30 semester hours): POL 125, 200, 221, 227, 344 and 409 (Senior Capstone Experience) and at least 12 additional credit hours of POL electives, which may include Independent Studies and Internships (POL 370, 401, 402). HIS and POL double majors may choose HIS 405 or POL 409 as their capstone experience.

Students are strongly encouraged, but not required, to utilize internships and independent study opportunities in the U.S. and abroad to fulfill elective credits.

**Minor in Political Science** (18 semester hours): POL 125, 221, 227, and 9 additional semester hours of POL elective courses, six of which must be 300 level or higher.

## PRE-MEDICAL CONCENTRATION

The Pre-Medical Program is administered by the Pre-Professional Health Advisor. This program will likely attract pre-med students (allopathic, osteopathic, dental, veterinary, podiatry, optometry), but is an excellent preparation for PA, PT and Chiropractic Medicine. "Pre-Medical" is intended to mean health professions, not strictly pre-doctor. Any student who does not prefer this program, or cannot meet the requirements, can pursue a health career without this program. This can be added to any major, but it is not a stand-alone program. Students must have at least one institutionally defined major in addition to this program.

### Application to the Program

Students self-identify and are conditionally accepted to the program as Pre-Medical Program candidates. Application for acceptance is available within the Biology Department or the Owen Center, and will be reviewed after successful completion (C- or better) of BIO 123, CHM 111, CHM 112, and WRI 101. Application requirements also include a cumulative GPA of 3.2. Those who have not made an application by the time they reach junior level status will be removed from the program, but have the option to apply for acceptance later if they qualify. No grade below a C- may be used to fulfill program requirements, and students must maintain a 3.2 to remain in the program.

**Requirements:** BCH 316; BIO 123, 123L, 124, 223, 363, 364; CHM 111, 112, 201, 202, 210; WRI 101; MTH 222; PHY 101, 102. Additional recommended courses are BCH 416, BIO 224, 325, 365, 403; PHI 217.

## PSYCHOLOGY (PSY)

Professors Gregg, Stark (chair); Assistant Professors Sass, Sell.

The Department of Psychology and Criminology offers a general major course of study and a minor course of study. At completion of the major, the student should demonstrate: A) a knowledge base in psychology; B) the development of scientific reasoning and problem solving, including effective research methods; C) ethical and social responsibility in a diverse world; and D) competence in writing and in oral communication skills. The program entails completion of a core set of psychology requirements and one allied course. The core courses include general psychology, explorations in the behavioral sciences, a two semester sequence in research methods and data analysis (BSC 201 and PSY 202), the senior capstone, and the junior experience. The junior experience courses emphasize a more hands-on approach to the study of psychology, and provide students with a high impact experience in the field that will transfer to postgraduate opportunities for employment and/or further graduate study. Beyond the core courses, majors are expected to choose five additional psychology courses, depending on personal interest, from two separate categories, basic and applied research, with at least one chosen from each category. However, no more than 48 semester hours in psychology can be applied toward graduation.

**Major** (32 hours): PSY 101, 202, 491 (Capstone); BSC 200, 201 and one course from BSC 370, 371, or 372; and five electives from two categories, Basic Research and Applied Research. Students must take at least one course from each category, and at least three of the five courses must be

at or above the 300 level. Basic Research: 206, 207, 269, 305, 309, 310, 316, 317, 407, and 435 (depending on topic). Applied Research: 209, 212, 313, 321, 337, 413, 416, 417, 426, and 435 (depending on topic).

**Allied** (4 hours): BIO 110, 121 (for students majoring in EXC, Pre-Nursing, SPO, or HSC, or students minoring in BIO), or BIO 123, and the associated lab for any of these courses.

**Minor in Psychology** (20 semester hours): 16 hours in PSY 101, BSC 201, and three of the following, with at least one from each category: Basic Research: 206, 207, 305, 309, 310, 316, 317, 407, and 435 (depending on topic), and 469. Applied Research: 209, 212, 313, 321, 337, 413, 416, 417, 426, and 435 (depending on topic). Allied: 4 hours: Bio 110 or 123, plus the lab for either course.

## PUBLIC HISTORY (HIS)

Professor M. O'Reilly (chair); Associate Professor DeMayo.

The Department of History and Political Science offers a minor in public history to familiarize students with the field of public history, the various ways historians practice history in the world. Students will be introduced to the definition, philosophy, and practice of public history. The minor is designed to help students meet minimum level experience requirements for entering the field of public history or pursuing a graduate degree in public history.

**Minor** (15 semester hours): HIS 120, HIS 222, ANT 330, ANT 333, HIS 370 or ANT 370 (at least 4.0 credit hours).

## RELIGION (REL)

Professor Close (chair).

The Department of Philosophy and Religion offers a major and minor in Religion. Courses in religion are designed to help all students gain a mature understanding of religion and appreciate the importance of values, meaning, and faith as integral parts of human life. Courses in religion are also designed to provide undergraduate preparation for students who wish to continue their study in a theological seminary or graduate school.

Students who wish to be recommended for continuing study in a theological seminary are encouraged to complete the following courses: at least three courses in religion, History of Philosophy, Philosophy of Religion, one course in writing (above 100 level), one course in literature, world history, a modern language through second-year level, classical and New Testament Greek through second-year level, a course in political ideas or international politics, General Psychology, and Abnormal Psychology.

**Religion Major** (30 semester hours): a minimum of 21 hours in the REL subject area and must include: REL 201, 202, 204, 308, 309, and 490 (2 hours, Senior Capstone Experience) or 476 (6 hours, departmental Honors). Note that students completing the 490 option are required to take 4 hours of REL electives.

**Allied Subjects:** 9 of the 30 hours from among philosophy, literature (LIT 102, 150, 205, 206, 221, 222, 231, 232, 300, 306, 307, 330, 340, 346, 350, 355, 360; NDI 301, 302, 382); GRK 111; world history (HIS 105, 106, 311, 321, 322, 332, 333; NDI 115); or SOC 445.

**Religion Minor** (15 semester hours): REL 201, 202, 204, 308, and 309.

A maximum of 6 semester hours may be taken in Independent Study (413, 414) or the Honors Course (475, 476).

## SELF-DESIGNED (SDN)

Interdisciplinary major taught by faculty from several departments; Associate Professor DeMayo (chair).

The Self-Designed Studies major, interdisciplinary in nature, consists of at least 27 hours. The student will have the option of designing his or her own program after developing a rationale and purpose with two faculty mentors. The course of study will be approved by the Self-Designed Studies Committee. The Self-Designed option should normally be adopted by the end of sophomore year. The Self-Designed Studies major is an ideal companion for any other major and/or minor(s), and second majors will be recommended. No more than two courses may fulfill requirements for each major and/or minor.



### **A Self-Designed major will enable the student to:**

1. develop critical thinking skills by noticing similarities, differences and relationships between disciplines
2. synthesize theory, knowledge and experience from at least 3 prefixes
3. demonstrate speaking and writing skills
4. develop an understanding of personal strengths and combine them creatively
5. value the quest for purpose, integrity and spiritual growth in them creatively

**Major** (27 semester hours): One course in SDN 370 (3–6 sem. hrs.), 371 (3 sem. hrs.), or 372 (1 sem. hr.). SDN 400 Senior Capstone Requirement. Self-Designed Coursework is to be determined by the student and two mentors, with approval of the Self-Designed Studies Committee. Fifteen hours of the selected courses for the major must be at the 300+ level. Plan should demonstrate a vertical progression to higher level courses. One course should cover research methods or applied methods in preparation for the JWO and capstone experiences. Self-Designed Studies majors will complete one Undergraduate Academic Foundation Requirement.

**Requirements to Apply and Maintain Major:** Any highly motivated student with specific career and/or academic goals that cannot be met by enrolling in another established major at Heidelberg may apply for Self-Designed Studies. Incoming freshmen may apply by August 15. Others may apply by October 15 or March 1 of each year. Application includes an essay explaining the student's goals and how her/his self-designed major will help achieve them. Also included should be a letter of reference from both faculty mentors. A student must maintain a 3.0 to remain in the Self-Designed Studies major. Student progress will be monitored by the Self-Designed Studies Committee. A student who does not meet that GPA will be advised to switch to another major after a semester grace period.

## **SOCIOLOGY (SOC)**

Assistant Professor Lazzari. (Professor of Psychology Stark, chair).

Sociology, offered within the Department of Psychology and Criminal Justice, helps us look more objectively at our society and other societies. It directs attention to how the parts of society fit together and change, and the consequences of that social change. We are faced with an ever increasingly complex and rapidly changing social milieu in modern industrial-bureaucratic societies. Sociology is the study of society and collective behavior. It is a social science relying on the critical analysis of data and social theory to understand how groups, institutions, networks, and social structures impact the mental and physical well-being of individuals.

**Sociology Minor** (18 semester hours): SOC 100; CRM 210 or PSY 201. Additionally, 4 Courses from the following: PSY 310 (Prerequisite PSY 101); SOC 230, 310, 347, 373, 380, 415, 445.

Note: SOC 380 – Special Topics may be taken twice when different topics.

## **SPANISH (SPA)**

Professor Lepeley (chair); Assistant Professor Poelzler-Kamatalli.

The Department of Languages offers a major and minor in Spanish. In view of the historical, social, economic, political, geographical, linguistic and cultural ties and relations of the United States with Spain and all the Spanish speaking countries in America, the study of the Spanish language and the Hispanic Culture in general has become a very desirable and indispensable asset for any American college student. The Spanish major provides students a variety of opportunities to achieve proficiency in the language and acquire a deeper understanding of the Hispanic cultures and literatures.

Students can spend a year, a semester or a summer studying at The Center for Cross-Cultural Study in Seville, Spain; Alicante, Spain; or Córdoba, Argentina. Three-week summer and semester-long courses are also offered at Cemanahuac in Cuernavaca, Mexico.

Outstanding students are invited to join Chi Psi, the campus chapter of Sigma Delta Pi the National Spanish Honorary Society.

**Major:** 30 semester hours in Spanish beyond the introductory sequence (101–102), including the following: SPA 290, 489, 490 (Senior Capstone Experience); one Spanish course in Latin American or Spanish (Peninsular) literature and one in Latin American or Spanish (Peninsular) culture; and one of the following allied courses: HIS 251, 252, 321, 322, 361; ENG 206; BIO 375;

POL 250, 263; NDI 115, 120, 206, 301, 302, 340, 345, 382; or, any course in another language. Students are required to spend one semester studying abroad at an approved site in Spain or Latin America.

**Minor:** 15 semester hours beyond the six-hour introductory sequence (SPA 101-102). It is recommended that students spend at least a semester or a summer at a foreign study site approved by the Department of Languages.

**Placement test:** Students with previous training in Spanish who wish to continue the language at Heidelberg University should take the Spanish Placement test. The results of the test and consideration of the student's previous training in Spanish will form the basis for placement at the appropriate level.

**Credit by examination:** Students who have completed three or more years of Spanish in high school may apply for credit by examination for courses beyond Spanish 101-102. Students must make arrangements with the Spanish faculty, complete the appropriate form at the Registrar's Office and pay the prescribed fee at the Business Office. The results of the test should be submitted to the Registrar's Office within the first four weeks of the semester in which the student is taking the next higher level course, therefore the application procedure should be completed as early as possible.

## SPORT MANAGEMENT (SPO)

Assistant Professor Kocher (chair); Instructor Machado.

The Sport Management major, located within the Exercise Science and Sport Studies Department, is designed to prepare students for entry level positions or graduate school in the growing field of sport management. The field of sport management encompasses vast avenues of career directions in the industry of sport. Careers as directors, facility managers, promoters, information directors, fitness directors, marketers, and administrators have been developing in the area of sport management. Demand for trained individuals can lead to employment with professional sports organizations, colleges, universities, private clubs, city recreation departments, retail sales, government programs and YMCA.

**Required Core Courses** (15 semester hours): ESS 211; ESS 203 or 2 hours from ESS 339 or 204-209; ESS 230, 302, 303, 315 and 316; ESS 490 (Senior Capstone Experience) is also required if no other capstone is taken during the completion of a second major. Sport Management majors must select only one of the following concentrations.

**Fitness Concentration** (25 semester hours):

**Required:** BIO 121, 122; HSC 171, 213; ESS 102, 306; Choose at least 6 hours from ESS 212, 307, 311, 312; ATR 389; HSC 477, 487.

**Recommended:** ESS 350, 370.

**Communication Concentration** (23-24 semester hours):

**Required:** MED 156, 205; COM 245; Choose 5 courses from the following, 3 of which must be at 200 level or above: COM 204, 209, 311, 350, MED 161, 162, 163, 164, 171, 304, 357.

**Recommended:** MED 369 (A or B), 370.

**Business Concentration** (24 semester hours):

**Required:** MTH 119; BAE 101; ACC 190; MGT 200, 320; MKT 202; ECO 102 ; FIN 301.

**Minor in Sport Management** (15 semester hours): ESS 211, 230, 302, 303, 315, 316, 3 hours from ESS 203-209, 339. The minor cannot be taken with the Sport Management major.

## THEATRE (THR)

Assistant Professor Svoboda; Instructor Miller. (Associate Professor of Voice Dusdieker, chair).

The Heidelberg University School of Music and Theatre (SMT) serves the student, the Heidelberg campus and the surrounding communities through the offering of courses, degree programs, performing opportunities and cultural activities. Aware of the importance of music and theatre as academic disciplines, the School of Music and Theatre provides a broad artistic background, upholding Heidelberg's liberal arts tradition. The SMT empowers students to pursue music and theatre as an avocation, prepares students for study at the graduate level, and produces professional artists and teachers.

The Theatre major, in the School of Music and Theatre, is designed to provide a background in theatre studies within the context of a liberal arts education to prepare majors for job related goals or advanced training. Core Courses and co-curricular activities provide students with opportunities to develop artistic literacy through practice, study, and development of an aesthetic appreciation of theatre. The Theatre concentrations allow students to receive specialized training in musical theatre, acting and production. The concentrations strengthen students' abilities to pursue careers as performers, directors, designers, producers, stage managers, playwrights, and theatre managers. The Theatre major with concentrations also prepares students who wish to continue their education at professional or graduate schools.

**MUS 051–058 Performance Class Requirement:** All theatre majors must register for Performance Class each semester. This is a 0 credit activity course and therefore does not affect the total hours enrolled each semester. A P (passing) grade based on attendance and performance is necessary every semester for graduation.

**THR 345 Selected Topics in Theatre Requirement:** THR 345 is a study of selected topics not commonly stressed in regular courses. All theatre majors must register for a THR 345 for a specified number of semesters, according to the degree concentration.

**THR 100a/100b–400a/400b Theatre Production and Performance Requirement:** Theatre Production and Performance provides theatre majors with opportunities to apply classroom content in a practical fashion. All theatre majors are required to enroll in THR 100a and/or 100b (and the upper level equivalents) for a minimum of 6 times during their degree progress. Permission to enroll in THR 100b/200b/300b/400b will be granted through the audition and casting procedure within the theatre department.

Students must declare a concentration by the end of their second semester of study. Students cannot double major in two theatre concentrations or pursue a major and a minor in Theatre. Successful completion of one Theatre concentration is required. A student must declare up to one concentration by the end of the second semester of study. Theatre majors are not permitted to minor in Theatre.

**Major in Theatre: Core Courses** (23 semester hours): THR 100a/200a/300a/400a and/or 100b/200b/300b/400b (6 experiences), 105, 106, 108, 110, 150, 210, 250, 310, 321, 322, 410, 499 (Senior Capstone Experience); MUS 051–058 (8 experiences), 369.

**Musical Theatre Concentration** (37 semester hours): THR 208, 216, 217, 218 (enroll two times under different titles), 308, 320, 345 (enroll two times under different titles); MUS 104, 121, 123, 167, 185; Major Ensemble in Music (4 hours from MUS 100a or b, 200a or b); Applied major lesson (3 hours from MUS 125, 126, 225).

**Acting Concentration** (29 semester hours): THR 208, 216, 217, 218, 306, 308, 345 (enroll four times under different titles); MUS 105, 167.

**Production Concentration** (28 semester hours): THR 270, 306, 345 (enroll four times under different titles), THR 445. Production Pick–list: 9 hours from the following: THR 208, 216, 217, 308, 345, 370 (1–3 credits)

**Minor in Theatre** (21 semester hours): Two of THR 100a, 100b, 219, 220; THR 105 or 106; 108; 150; 216 or 217; and remaining semester hours selected from THR 208, 218 (prerequisite THR 216 and 217), 250, 306, 308, 320, 321, 322, 345, 370; MUS 167. A minimum of 6 hours must be at the 300/400 level. The minor is not available to Theatre Majors.

Students wishing to obtain licensure from the state of Ohio to teach theatre/drama to any age group may add the Theatre Education Licensure Track to their Theatre major (any concentration). While specific elements of educator licensure vary from state to state, there is sufficient similarity so that this program will satisfy requirements in many states.

**Theatre Education Licensure Track (Multi–Age)** (26 semester hours): EDU 110 EIS 200, EDU 220, 350, 416, 430 (5 hours), THR 306, 375. This track must be completed in conjunction with a Bachelor of Arts in Theatre in any of the three concentrations.

## VIDEO GAME PRODUCTION (COM, MED)

Associate Professor J. O'Reilly; Assistant Professor Cutietta, Heaton (chair).

The Department of Communication and Media offers a major and minor in Video Game Production. Video games are one of the fastest growing areas of media. Knowing how to design, analyze, program, and understand video games is important for anyone interested in a career in the video game industry or any industry using interactive media. Coursework covers computer programming, video game history, graphic design, game theory, storytelling, animation, and gender and violence studies of video games; in addition, students will complete their own 2D and 3D video games.

**Major in Video Game Production** (43 semester hours): COM 209, 210 (Sophomore Seminar), 411 (Senior Capstone Experience); CPS 150, 201; MED 126, 326, 335, 336, 337, 338; MTH 119. Including, an additional six semester hours from the following list: ART 102, 103, 112, 118; BAE 318; MKT 302; CPS courses above CPS 201; MED 156, 161, 162, 163, 164; MUS 121, 161, 240.

**Video Game Production Minor** (19 semester hours): CPS 150, CPS 201, COM 209; MED 126, 335, and 336. The minor is not available to a Video Game Production major.

## WATERSHED SCIENCE SPECIALIZATION

This specialization is administered by the Environmental Science and Sustainability Committee (Berger, chair). This specialization provides students with a strong interest in water issues, excellent additional preparation for employment in field-related activities or graduate studies. The specialization integrates with long-term research performed by the National Center for Water Quality Research, and students are strongly encouraged to interact with laboratory staff. The specialization is available to add to a major in the Bachelor of Arts or Bachelor of Science but the specialization is not a stand alone major.

**Specialization Requirements:** BIO 124, 205; CHM 111, 112, ENS 101, 101L; GEO 101, 101L; WSS 210, 235, 305, 352, 405.

## WELLNESS

Assistant Professor Kocher (chair).

The wellness minor is offered through the Exercise Science and Sport Studies Department pulling from multiple disciplines. The minor can be supportive to those students majoring in Sport Management in the Business and Communication concentrations as well as other majors. Students with an interest in a healthy lifestyle can develop a greater understanding of how to support this lifestyle.

**Wellness Minor** (18 semester hours): BIO 121 or BIO 123 and 123L; ESS 116, 211, 212, 240, 306, HSC 171. The Wellness Minor is not available to Exercise Science, Health Science, Health and Human Performance majors or Sport Management majors with the Fitness concentration.

## WOMEN'S AND GENDER STUDIES (WGS)

Associate Professor J. O'Reilly; Assistant Professor Heaton (chair).

The Women's and Gender Studies minor is offered through the Department of Communication and Media. Self-defining as a "woman," a "man," or in a non-binary way affects nearly every aspect of an individual's life. An interdisciplinary minor in Women's and Gender Studies will challenge students to examine critically the ordinarily unexamined gendered aspects of their identity. Through in-class discussion and presentations and out-of-class readings and assignments, students in Women's and Gender Studies courses will consider how gender affects their perceptions of themselves and others, as well as how gender intersects with other aspects of identity, including race/ethnicity, sexuality, and class, and how gender operates within systems of power. Such a consideration of gender and its effects will benefit students in both their personal and professional lives, as exposure to gender theories will increase awareness of and sensitivity toward societal issues such as domestic violence, health and reproductive rights, religion and spirituality, and workplace issues, such as discrimination, sexual harassment, and affirmative action.

**Women's and Gender Studies Minor** (15 semester hours): WGS 100, 300, 400; 6 semester hours in 2 different prefixes from ANT 200; ART 112; HIS 386; LIT 307 (prerequisite: WRI 101, exemption exam, or Honors Program); MED 335 (prerequisite: sophomore status or higher); PSY 269

(prerequisite: PSY 101 or permission of the instructor); PSY 309 (prerequisite: PSY 101); SOC 100, or other courses as approved by the department chair.

## ► BACHELOR OF MUSIC

Associate Professors Dusdieker, Ramsdell, Specht; Assistant Professor Waters; Instructors Kretzer, J. McConnell

The School of Music and Theatre within the School of Communication, Humanities, Education and the Arts offers a four-year program leading to a Bachelor of Music degree with a choice of a major including Performance, Music Education or Theory/Composition. Each major requires an applied area of study in Voice; Keyboard (Piano or Organ); String (available only to Music Education); or Instrumental (brass, woodwind, percussion).

### **Mission Statement**

The School of Music and Theatre serves the student, the Heidelberg campus and the surrounding communities through the offering of courses, degree programs, performing opportunities and cultural activities. Aware of the importance of music and theater as academic disciplines, the School of Music and Theatre provides a broad artistic background, upholding Heidelberg's liberal arts tradition. The School of Music and Theatre empowers students to pursue music and theatre as an avocation, prepares students for study at the graduate level, and produces professional artists and teachers.

The Music Department within the School of Music and Theatre encourages excellence in musical performance, teaching and scholarship through the following goals and objectives:

### **Goals:**

1. To provide quality instruction for the development of essential musical skills in performance and musicianship.
2. To develop skills in critical thinking, enabling students to understand and evaluate music from diverse traditions in a broad cultural context.
3. To develop an understanding of style and aesthetics.
4. To provide a rich cultural center for the Heidelberg community and the community-at-large, through the presentation of solo, chamber and ensemble programs, and through the involvement of the community in Heidelberg music performances.
5. To act as an educational resource and advocacy center for music in the community.

### **Objectives:**

- Performance: The ability to perform in public, alone or with others, a varied repertoire of music.
- Musical Skills: The ability to use the essential skills of an effective musician: sight-reading, keyboard, music notation/theory, analytic technique. Students in professional music degree programs will also develop skills in conducting.
- Creativity: The ability to create music through composition, arranging or improvisation
- Context: The ability to perceive music in the context of history and culture
- Criticism: The ability to assess music, in both aural and written forms using critical thinking skills
- Technology: The ability to involve music technology in their work as performers, teachers and scholars.

## ► BACHELOR OF MUSIC PROGRAMS OF STUDY REQUIREMENTS

### **Summary of Degree Requirements for the Bachelor of Music**

All Degree Candidates must complete the following requirements. (Refer to policies listed within the University Catalog for individual details.)

- Achieve a minimum of 120 semester hours.
- Earn a minimum cumulative grade point average of 2.00 to qualify for a degree.
- Achieve a minimum of a C- (1.667 quality points) in any Core Course.
- Earn a minimum cumulative grade point average of 2.00 in a major which includes all required courses.

- Fulfill one major.
- Complete half of the major and/or minor course requirements in residence.
- Undergraduate Academic Foundation- complete one of the following (a) Bachelor of Music General Education Requirements, (b) Honors Program Requirements, or, (c) for Heidelberg transfer matriculants, a Bachelor degree from a regionally accredited institution, or an Associate of Arts or Associate of Science degree from a regionally accredited state-assisted institution of higher education in Ohio.
- Complete the Responsibility and Major Related Requirements.
- Complete the HYPE Career Ready Program.
- Complete no fewer than 30 semester hours at the junior level or above (300 or 400 levels at Heidelberg) at four-year institutions.
- Take at least the senior-year in residence; or, in a Heidelberg approved academic experience. Sixty semester hours must be earned at a four-year, regionally accredited institution to qualify for a degree. (See also Active Duty Service Members academic policy.)
- Work toward one degree. No student may work for two degrees simultaneously. If a student wishes to work for a second degree, an additional 30 academic hours are required at Heidelberg after completion of the first degree. To add another major, up to the allowable limits, additional coursework can be done following graduation.

### **Bachelor of Music General Education Curriculum**

(Refer to full listing of course options and policy statement within the General Education, Academic Policies.)

#### **I. Abilities Requirements**

Oral Communication: COM 100  
 Reading Ability: Six (R) courses  
 Writing Ability: Five (W) courses and WRI 101

#### **II. Breadth of Academic Experience**

Fine Arts: One (F) course, except for MUS prefix  
 Humanities: One (H) course  
 Natural Science (N) or Quantitative Literacy (Q) Ability: One (N) or (Q) course.  
 Social Sciences: One (S) course

#### **III. Global/Cultural Perspectives**

Global/Cultural: One (G) course

#### **IV. Personal Health and Wellness: Two (P) credits**

A General Education Requirement may be also be a major course requirement. For this reason, the number of hours shown with each program of study is an estimate so the student is aware of the total hours needed to meet the degree requirement. For complete course listings, see the General Education Requirement section within the Academic Policies and Resource section of the University Catalog.

**Performance and Composition/Theory: General Education Requirements** (estimated 30 credit hours)

**Bachelor of Music, Music Education: General Education Requirements** (estimated 20 credit hours)

### **Honors Program Candidates**

Students who are enrolled in the BMUS programs, who also wish to participate in the Heidelberg University Honors Program, will follow both the Major requirements in addition to the Honors Program requirements.

## **► MUSIC POLICIES**

The following policies have been instituted to maintain high standards of performance proficiency. Refer to the School of Music and Theatre Handbook for a comprehensive list of policies. In order to guide and assist students in preparation, permission of the instructor is required for performances outside the School of Music and Theatre. All music majors must attend faculty and student recitals and other University music programs in accordance with MUS 051-058: Performance Class requirements, published at the beginning of each semester within the School of Music and Theatre.

## **Application to Bachelor of Music**

Students interested in pursuing the Bachelor of Music must audition to demonstrate musical achievement in the applied area of study.

### **Diagnostic Testing**

A Musicianship diagnostic is taken prior to enrollment in the School of Music and Theatre. A low diagnostic score requires remediation in MUS 105: Music Fundamentals; or, an equivalent that is approved by the Director of the School of Music and Theatre prior to enrollment in MUS 121: Music Theory I.

### **Applied Area**

An Applied area is the student's primary area of performance study. Applied instruction is available in the following areas: voice, woodwind, brass, percussion, string, keyboard (piano or organ), and composition. A student's applied area determines their major lesson placement (MUS 125–425), major ensemble participation, recital requirements, degree eligibility and/or additional requirements. Studio placement for major lessons within an applied area is determined by the Director of the School of Music and Theatre with consultation from area coordinators.

A student may change applied area until the end of the sophomore year with approval of the applied faculty member in the new applied area and the Director of the School of Music and Theatre prior to the change and observing the following provisos: a) a student has successfully auditioned in the new applied area b.) student in Music Education must accrue credit hours in the new applied area equivalent to the required hours in the junior and senior years; c) a student in Performance must accrue credit hours in the new applied area equivalent to the required hours in the sophomore, junior and senior years; d) a student in Theory/Composition must accrue the total hours required for the major. Procedure for changes in applied area is outlined in the School of Music and Theatre handbook.

### **Applied Areas**

Euphonium (section A), Bass Violin (section B), Bassoon (section C), Cello (section D), Clarinet (section E), Flute (section F), French Horn (section G), Guitar (section H), Harp (section I), Oboe (section J), Organ (section K), Percussion (section L), Piano (section M), Saxophone (section N), Trombone (section O), Trumpet (section P), Tuba (section Q), Viola (section R), Violin (section S), Voice (section T), Composition (section U).

### **Dual Applied Areas**

Students qualified by audition may pursue two applied areas within a Bachelor of Music degree. Students will be required to fulfill degree requirements for both applied areas, which may require additional time beyond four years. Course substitutions will be allowed where there is content overlap, as authorized by the Director of the School of Music and Theatre.

### **Dual Majors**

Students qualified by examination to pursue two majors within the Bachelor of Music will plan their schedules in consultation with the Director of the School of Music and Theatre. Students who wish to meet music education requirements while preparing for professional careers in performance must complete the requirements for both the Performance major and the Music Education major. The completion of two majors may require five or more years.

### **Grade Requirements**

Students earning a Bachelor of Music degree are held to the major course grade requirement policy listed within the Academic Policies and Resource section of this catalog. However, the School of Music and Theatre established a set of core courses that will meet this policy. These courses are identified within each major section.

### **Ensembles**

The School of Music and Theatre offers major and small ensembles open to all Heidelberg students. Major ensembles (Concert Choir, University–Community Chorus, Symphonic Band, Orchestra, Piano Chamber Music) provide the foundation of our curricular and performance platform for all music majors, introducing repertoire, performance practice and pedagogy. Major ensemble placement is determined by applied area and audition. Small ensembles (Jazz Band, Hei–Notes, Chamber Singers, Marching Band, and other Chamber Ensembles) are complementary ensembles that offer opportunities to explore different musical styles and genres. Small ensembles are required for Bachelor of Music degrees and open to all Heidelberg students. Placement requirements for small ensembles vary dependent on the instructor.



All Music Majors must register for a major ensemble during each semester of enrollment. Exceptions to this rule will be considered for students involved in international study opportunities, internship requirements resulting from a second major. Ensemble assignments are based on audition held each fall during the first week of classes. Major ensemble placement is determined by the ensemble directors in collaboration with the Director of the School of Music.

**Performance Major Small Ensemble:** Performance majors in the Instrumental (brass, woodwind, percussion) applied area are required to participate in Marching Band unless excused by the School of Music and Theatre.

**Music Education Major Ensemble:** In addition to the major ensemble requirement, Music Education majors are also required to complete two additional ensemble experiences. Voice: two semesters of instrumental ensemble; Keyboard (Piano or Organ): opposite ensemble from the one selected in the Major Ensemble; String: appropriate instrumental ensemble; or, Instrumental (brass, woodwind, percussion): two semesters of a choral ensemble.

**Music Education Small Ensemble:** In addition to the major ensemble requirement, Music Education majors are also required to complete two small ensemble experiences. These experiences should relate to the primary applied area of the student.

### **Music Education Academic Progress**

Music education majors are subject to a review of academic progress after three semesters of full-time study. Consult the School of Music and Theatre Student Handbook for specific details about the review process.

### **Music Education Examination/Exemption**

Majors with a strong background in the applied areas of keyboard may complete credit by exam to exempt out of the secondary area requirements (MUS 185, 186, 285, 286.)

### **Performance Class**

All majors must register for Performance Class (MUS 051-058) each semester of enrollment. A P (passing) grade is necessary to complete degree requirements.

### **Piano Proficiency**

A music major with a strong background in the applied area of piano may take a piano proficiency. When proficiency is passed before the number of piano hours required, a student may complete the required hours through piano instruction, or study organ with permission of the keyboard instructor.

## ► **BACHELOR OF MUSIC MAJORS**

### **PERFORMANCE**

**Core Course Listing** (Held to major course grade policy): MUS 100, 107, 121, 122, 123, 124, 125, 126, 185, 186, 200, 221, 222, 223, 224, 246, 247, 225, 226, 300, 325, 326, 400, 425, 426.

#### **Applied Area: Instrumental (Woodwind, Brass, Percussion)**

**Performance:** (37 Hours) Major Ensemble (8 hours and each term of enrollment) MUS 100, 200, 300, 400 (d); Small Ensemble (2 semesters of enrollment) MUS 150, 250 (a, b, c, or d), or THR 220; Major Performance Area (22 hours) 125, 126, 225, 226, 325, 326, 425, 426 (a, c, e, f, g, h, i, j, l, n, o, p, q); MUS 091, 185, 186, 369, 397, 398, 051, 052, 053, 054, 055, 056, 057, 058, 499 (Senior Capstone).

**Supporting Coursework:** (56 hours) MUS 107, 115, 121, 122, 123, 124, 213, 216, 221, 222, 223, 224, 246, 247, 309, 313, 335. Elective pick list (19 hours with 8 hours at the 300/400 levels) MUS 110, 151, 152, 153, 154, 209, 211, 285, 286, 307, 308, 310, 312, 316, 318, 336, 337, 370.

#### **Applied Area: Keyboard (Piano or Organ)**

**Performance:** (37 Hours) Major Ensemble (8 hours and each term of enrollment) MUS 100, 200, 300, 400; Small Ensemble (2 semesters of enrollment) MUS 150, 250 (a, b, c, or d), or THR 220; Major Performance Area (22 hours) MUS 125, 126, 225, 226, 325, 326, 425, 426 (k, m), 091, 369, 051, 052, 053, 054, 055, 056, 057, 058, 499 (Senior capstone).

**Supporting Coursework:** (56 hours) MUS 107, 115, 121, 122, 123, 124, 213, 216, 221, 222, 223, 224, 246, 247, 309, 313; (2 hours) MUS 291, 292, 391, or 392; MUS 321A; MUS 321B for Piano or 322 for Organ. Elective pick list (19 hours with 8 hours at the 300/400 levels) MUS 110, 151, 152, 153, 154, 209, 211, 285, 286, 307, 308, 310, 312, 316, 318, 336, 337, 370.

### Applied Area: Voice

**Performance:** (43 Hours) Major Ensemble (8 hours and each term of enrollment) MUS 100, 200, 300, 400 (a, b); Small Ensemble (2 semesters of enrollment) MUS 150, 250, 350, 450 (a, b, c, or d), or THR 220; Opera/Musical Theatre (2 semesters of enrollment) MUS 142, 242, 342, 442, or THR 220; Opera Workshop (2 semesters of enrollment) MUS 141, 241, 341, 441; Major Performance Area (22 hours) MUS 125, 126, 225, 226, 325, 326, 425, 426 (t); MUS 091, 185, 186, 369, 051, 052, 053, 054, 055, 056, 057, 058, 499 (Senior Capstone); GER 101; FRN 101; Performance Electives (8 hours from) THR 150, 207, 215, 216, 307, 320, 321, 322, 407; MUS 127, 128, 227, 228, 327, 328, 427, 428.

**Supporting Coursework:** (49 hours) MUS 107, 115, 118, 121, 122, 123, 124, 213, 216, 218, 221, 222, 223, 224, 246, 247, 309, 313, 415, 492; Supporting coursework electives (9 hours with 5 hours at the 300/400 levels) MUS 110, 151, 152, 153, 154, 209, 211, 285, 286, 307, 308, 310, 312, 316, 318, 336, 337, 370.

## THEORY/COMPOSITION

**Core Course Listing** (Held to major course grade policy): Major Ensemble (8 hours and each term of enrollment) MUS 100, 107, 121, 122, 123, 124, 125, 126, 185, 186, 200, 221, 222, 223, 224, 225, 226, 246, 247, 300, 325, 326, 400, 425, 426.

**Performance:** (39 Hours) Major Ensemble (8 hours and each term of enrollment) MUS 100, 200, 300, 400 (a, b, c, d); Major Performance Area: Composition (16 hours) 125, 126, 225, 226, 325, 326, 425, 426 (u); Major Performance Area (10 hours) 125, 126, 225, 226, 325, 326, 425, 426 (a-t); 091; 185, 186; 339; 051, 052, 053, 054, 055, 056, 057, 058; 490; 499 (Senior Capstone).

**Theoretical Music:** (50 hours) MUS 107; 121, 122, 123, 124, 221, 222, 223, 224; 161; 209; 213; 216; 246, 247; 307; 308; 309; 310; 312; 313; 410, 411.

**Music Electives:** (3 hours) Any MUS courses; except MUS 149.

## MUSIC EDUCATION

The following core courses are required of all Music Education majors, regardless of applied area. These courses are held to Music's major grade policy: MUS 107, 110, 121, 122, 123, 124, 125, 126, 216, 221, 222, 223, 224, 225, 226, 246, 247, 316, 325, 326, 363, 373, 374, 375, 415, 425, 426.

### Applied Area: Instrumental (Woodwind, Brass, Percussion)

**Performance:** (37-39 Hours) Major Ensemble: (8 hours and each term of enrollment) MUS 100, 200, 300, 400 (d); Vocal Ensemble (2 hours) 100, 200, 300, or 400 (a, b); Major Performance Area (14 hours) 125, 126, 225, 226, 325, 326, 425, 426 (a, c, e, f, g, h, i, j, l, n, o p, q); Small Ensemble (2 Occurrences) 150, 250, 350, 450 (c, d), 397, 398, 497, or 498; Methods (6 Hours) 163, 270, 273, 274, 371, 379; supporting coursework (7 hours) 051, 052, 053, 054, 055, 056, 057, 091, 092; 185, 186; 285, 286; 499.

**Theoretical Music:** (34 hours) MUS 107, 121, 122, 123, 124, 221, 222, 223, 224, 213, 216, 246, 247, 312, 313, 316.

**Education Courses:** (39 hours) MUS 110, 115, 363, 373, 374, 375; EDU 220, 350, 416, 430 (Senior capstone: 10 credits); EIS 200, 272, 281.

### Applied Area: Keyboard (Piano or Organ)

**Performance:** (37-39 Hours) Major Ensemble (8 hours and each term of enrollment) MUS 100, 200, 300, 400 (a, b, c, d); Vocal or Instrumental Ensemble (Opposite of Major Ensemble area) (2 hours) 100, 200, 300, or 400; Major Performance Area (15 hours) 125, 126, 225, 226, 325, 326, 425, 426 (k, m); Small Ensemble (2 Occurrences) 150, 250, 350, 450 (a, b, c, e); 397; 398; 497 or 498; Methods (6 hours) 163, 270, 273, 274, 371, 379; supporting coursework (6 hours) 051, 052, 053, 054, 055, 056, 057, 091, 092, 285, 286; 3 hours of non-major applied lessons or MUS 291, 292, 391; 499.

**Theoretical Music:** (34 hours) MUS 107, 121, 122, 123, 124, 221, 222, 223, 224, 213, 216, 246, 247, 312, 313, 316.

**Education Courses:** (39 hours) MUS 110, 115, 363, 373, 374, 375; EDU 220, 350, 416, 430 (Senior capstone: 10 credits); EIS 200, 272, 281.

### Applied Area: Voice

**Performance:** (36-38 Hours) Major Ensemble (8 hours and each term of enrollment) MUS 100, 200, 300, 400 (a, b); Instrumental Ensemble (2 hours) 100, 200, 300, or 400 (c, d); Major Performance

Area (14 hours) 125, 126, 225, 226, 325, 326, 425, 426 (t); Small Ensemble (2 Occurrences) 150, 250, 350, 450 (a, b), 141, 241, 341, 441, 397, 398, 497, or 498; Methods (5 hours) 270, 273, 274, 371, 379; supporting coursework (7 hours) 051, 052, 053, 054, 055, 056, 057, 091, 092; 185, 186; 285, 286; 499.

**Theoretical Music:** (32 hours) MUS 107, 121, 122, 123, 124, 221, 222, 223, 224, 213, 216, 246, 247, 313, 316.

**Education Courses:** (40 hours) MUS 110, 115, 363, 373, 374, 415; EDU 220, 350, 416, 430 (Senior capstone: 10 credits); EIS 200, 272, 281.

## ► BACHELOR OF SCIENCE IN NURSING

Director Estridge.

The nursing degree integrates the Liberal Arts tradition to educate and equip nurses with the balance needed to advance science, use technology, and apply theory and research to care for individuals in all settings. Through innovative activities, the curriculum educates leaders in nursing who promote health for individuals, families, and populations locally and globally. The nursing curriculum commits to offering opportunities that prepare students to be global citizens who communicate effectively, think critically, and serve thoughtfully. The curriculum informs nurses to lead professional and interprofessional teams and organizations across the healthcare continuum. This program is dedicated to developing professionals who value lifelong learning while preparing them for living a life of purpose and distinction.

### Mission

The mission of the nursing program, in accordance with Heidelberg University, is to cultivate a community of learning that nurtures intellectual, personal, and professional development. This development of individuals promotes lifelong learning, compassion and caring, in preparation for living a life of purpose with distinction.

### Philosophy and Values

The philosophy of the nursing program is aligned with the mission and goals expressed by Heidelberg University. The nursing program integrates the Liberal Arts tradition to equip nurses with skills needed to lead professional and interprofessional teams and organizations in a variety of settings. The expectation of caring and compassion for human existence is based on trust, promoted through integrity, and demonstrated as acts of advocacy. Advancing the science of nursing improves the health of all individuals. Through innovation and creativity, the program goal is to educate individuals to become agile leaders in nursing who promote health for individuals, families, and populations of the world. The nursing program is committed to offering opportunities that prepare students to become global citizens who communicate effectively, think critically, serve thoughtfully and champion social justice.

Nursing is an academic discipline, a practice profession, and a champion of interprofessional collaboration. Professional nursing incorporates the nursing metaparadigms that include person, environment, health, and nursing. The metaparadigm of person focuses on the individuality of the recipient of care. The metaparadigm of health refers to the person's level of wellness and quality of life. The metaparadigm of nursing is related to the art and science of providing care. The metaparadigm of environment relates to internal, external, and social factors that impact the person.

Professional values to be conveyed include patient confidentiality to respect privacy and self determination, punctuality to build trust, personal appearance and behaviors to convey professionalism, and projected sense of service through use of self to address the whole person with physical, psychological, social, or spiritual needs.

- Core Values
- Innovation
- Collaboration
- Leadership
- Integrity
- Agility
- Advocacy
- Professional Values

- Confidentiality
- Punctuality
- Personal appearance
- Projected sense of service

These core values are consistent with the American Association of Colleges of Nursing values.

### **Program Outcomes**

Upon completion of the undergraduate nursing program, the student will be able to:

1. Navigate complex nursing practice situations through integration of concepts, skills, and the values of humanism from a liberal education.
2. Lead transformative care for patients across the lifespan by minimizing risk, fostering quality improvement, and stimulating innovative initiatives.
3. Appraise theory-guided research to identify practice issues and support adoption of best practices in the delivery of patient care.
4. Provide efficient patient care using scientific technologies and information management systems to identify health alterations and complex care needs in a variety of healthcare settings.
5. Advocate for policy, finance, and regulation changes that foster improved processes for patient care in local and global health care delivery systems.
6. Communicate for collaboration across healthcare professions to provide comprehensive patient centered care.
7. Employ principles of prevention and health promotion to provide culturally competent care to individuals, families, communities, and populations.
8. Apply personal values, learning values, and professional values that promote innovation, quality improvement, and a culture of excellence in professional nursing practice.
9. Provide comprehensive care to diverse recipients across the continuum of healthcare environments using elements of baccalaureate nursing education, professional standards, and principles of social justice.

### **Definitions**

**Pre-nursing students:** students who are completing many pre-requisite general education, liberal arts curriculum courses who have not yet been accepted into the Terra State Community College's Associate of Applied Science program in nursing.

**Pre-licensure nursing students:** students who have been accepted into the Terra State Community College's Associate of Applied Science program as a nursing cohort.

**Post-licensure nursing students:** students who have been awarded registered nurse licensure through a state board of nursing. These students will complete the 400-level nursing courses online through the electronic learning management system of Heidelberg University.

### **Admission Policies into Terra State Community College Pre-licensure Nursing Program**

Students interested in entry into the 1-2-1 pathway pre-licensure nursing education administered and awarded an Associate of Applied Science Degree by Terra State Community College (TSCC) must complete at least one semester of residency coursework at Heidelberg and meet TSCC Admission Policy requirements. A minimum of ten seats per semester are reserved for Heidelberg applicants. The Heidelberg nursing program director and/or academic advisor will assist students with the admission process as needed. Heidelberg students in the 1-2-1 consortium will enter TSCC under the option for admission labeled "Two Year Registered Nursing Program- Direct Placement from College Transfer" students.

Students must:

1. Maintain a cumulative grade point average (GPA) of 2.800\* or better in the following courses:
  1. Anatomy and Physiology I and II (with labs)
  2. College Algebra or Statistics

The following items are not required prior to admittance. A cumulative GPA of 2.800 or better is required in these courses if completed prior to admission.

- Microbiology
- College Writing II

- General Psychology
  - Lifespan Psychology
  - Interpersonal Communication
  - Introduction to Ethics or Bioethics
2. Complete required nursing major science courses within 5 years of application submission.
  3. Obtain an ACT minimum composite score of 20 within the last 3 years. If a score of 20 was not reached, the applicant must complete the online Assessment Technologies, Inc. Test of Essential Academic Skills (TEAS) test and provide a printed copy of scores to TSCC as posted per semester of application. The TEAS score must reach a minimum of "Proficient." The TEAS test must be current within 3 years.
  4. Schedule an appointment with the TSCC nursing advisor to complete the nursing Admission Rubric. The Rubric is a point system based on the TEAS score, a minimum of 2.800 GPA in the courses listed #1 above, and no less than a C (2.000) in Anatomy and Physiology I and II. The date and time of application submission will determine admission when a rubric score (minimum of 8 points required), is equal to another student's rubric score for the last seat.
  5. Students who meet the above admission criteria will complete an interview with the TSCC nursing faculty.
  6. Prior to the faculty interview, students must provide the following:
    - FBI and BCI background checks
    - a. Three letters of recommendation -- one of which is to be written by a science faculty
    - b. Health and immunization forms (available in Stoner Health Center)
    - c. Responsibilities Agreement form
    - d. American Heart Association BLS certification
  7. Students must submit written confirmation to TSCC Director of Nursing when offered a seat in the program.

Terra State Community College Policies on Retention, Probation, and Dismissal Once admitted to the TSCC pre-licensure nursing program, students will follow the TSCC Nursing Student Handbook for progression and academic standing policies.

#### **Post-licensure Nursing Program Policy on Satisfactory Academic Standing**

Students in the post-licensure nursing program must:

1. Maintain a current, valid, unencumbered Ohio [or other U.S. state registered nurse license, otherwise not prohibited by National Council for State Authorization Reciprocity Agreements (SARA) for enrollment.]
2. Maintain a cumulative and semester GPA of 2.500 while enrolled in the post-licensure program.
3. Receive satisfactory evaluations from clinical site supervisors and course/clinical faculty for clinical experiences.
4. Earn a "C" (2.000 quality point) or better in every post-licensure nursing course.

#### **Post-licensure Nursing Program Policy on Probation**

Post-licensure students will be evaluated each semester by the course faculty. Clinical portions of nursing courses will be graded as "satisfactory" or "unsatisfactory." A student will be placed on probation when a grade of "unsatisfactory" is earned in the clinical portion of a clinical course. A grade of "C-" (1.667 quality points) or below in a nursing course is considered an unacceptable academic standard in the program. If a "C-" or below is earned in the didactic portion of a clinical course or in a sole didactic course, the student will be placed on probation, but may remain in the program. The nursing student on probation will be allowed to progress in coursework, with the understanding that all courses must be completed with a "C" (2.000 quality points) or better grade.

#### **Post-licensure Nursing Program Policy on Program Dismissal**

If the final grade of "C-" (1.667 quality points) or below is earned twice in the same course, the student will be dismissed from the nursing program. If a student earns a final grade of "C-" (1.667 quality points) or below in 2 nursing courses, the student will be dismissed from the program. Dismissal from the nursing program does not automatically equate to dismissal from Heidelberg University. Students may continue to take courses to meet graduation requirements for other areas of study, provided University requirements are met.

#### **Appeals**

Heidelberg University policy will be followed for grade appeals for courses taken at Heidelberg and for program dismissal appeals. Appeals for courses taken at TSCC follow their policies and procedures.

### **Terra State Community College Policy on Academic Reinstatement**

Pre-licensure students in nursing courses at TSCC who are dismissed must follow TSCC policies for reinstatement.

#### **Policy on Academic Reinstatement**

Pre-nursing students will follow the Academic Probation and Suspension policies (see Progression Requirements in the Undergraduate Catalog).

Pre-licensure nursing students who are dismissed from the nursing program must follow Terra State Community College Policy 2.5 for reinstatement.

Post-licensure students who are dismissed from the nursing program must follow the following procedures for reinstatement:

1. Application for readmission may be submitted after any one semester has passed.
2. Upon request for readmission, a letter of intent to return to the nursing program must be submitted to the director of the nursing program at least 4 weeks prior to the semester in which the student wishes to return.
3. Upon receipt of the letter, the director will schedule an appointment with the student.
4. Within two weeks of this meeting, the student will receive written notification from the program director regarding status: re-entry or dismissal.

If dismissed from the nursing program, students may be readmitted to the nursing program only once.

#### **Policy on Professional Conduct**

Professionalism as a nursing student reflects a myriad of character traits and behaviors. Students will demonstrate professionalism in coursework: classroom and clinical settings. Core and professional values will be demonstrated by all students during online interactions with peers and faculty, and in clinical settings with peers, site representatives, and faculty. Nursing students are expected to follow the American Nurses Code of Ethics with Interpretive Statements (2015).

## **► BACHELOR OF SCIENCE IN NURSING PROGRAM OF STUDY REQUIREMENTS**

### **Degree Requirements**

All degree candidates for the Bachelor of Science in Nursing must complete the following requirements. (Refer to policies listed within the University Catalog for individual details.)

- Achieve a minimum of 122 semester hours.
- Earn a minimum cumulative grade point average of 2.00 to qualify for a degree.
- Achieve a minimum of a C (2.000 quality points) in all required courses.
- Fulfill all requirements of the nursing major. One minor is permissible, but not required.
- Complete half of the major and/or minor course requirements in residence.
- Undergraduate Academic Foundation- complete one of the following (a) Bachelor of Science in Nursing General Education Requirements, (b) for Heidelberg transfer matriculants, a Bachelor degree from a regionally accredited institution, or an Associate of Arts or Associate of Science degree from a regionally accredited state-assisted institution of higher education in Ohio.
- Complete Responsibility and Major Related Requirements.
- Complete one year of the HYPE Career Ready Program.
- Complete no fewer than 30 semester hours at the junior level or above (300 or 400 levels at Heidelberg) at four-year institutions.
- Take at least the senior-year in residence; or, in a Heidelberg-approved academic experience. Sixty semester hours must be earned at a four-year, regionally accredited institution to qualify for a degree. (See also the Active-duty Servicemembers in the Academic Policies section of this catalog.)
- Work toward one degree.

### **Bachelor of Science in Nursing General Education Curriculum**

In addition to major curriculum requirements, Bachelor of Science in Nursing candidates will complete an academic foundation. The courses approved to meet the Academic Foundation are within the General Education Requirements in the Bachelor of Arts/Bachelor of Science section of the current University Catalog. See program director for acceptable courses at Terra State

Community College.

**I. Abilities Requirements**

- A. Communication Ability Substitute: COM 245
- B. Quantitative Literacy: One (Q) Course (MTH 119)
- C. Writing Ability Requirement: WRI 101 and two (W) courses (NRS 400, NRS 410)
- D. Reading Ability Requirement: Two (R) courses (NRS 420, NRS 430)

**II. Breadth of Academic Experience (each Breadth category cannot contain the same course prefix)**

- A. Breadth of Academic Experience in Fine Art and/or Humanities: Four (F or H) course subject prefix areas
- B. Breadth of Academic Experience in Natural Science: Two (N) course subject/prefix areas with one course to include a Laboratory (L) (BIO 121, CHM 106)
- C. Breadth of Academic Experience in Social Science: Two (S) course subject/prefix areas (NRS 460)

**III. Global/Cultural Perspectives Requirement: One Language course at the 102 level or the equivalent and One Global/Cultural Perspectives (G) course. Students who test out of the 2nd semester language will fulfill one Global/Cultural Perspectives course. (NRS 440 and NRS 450)**

**IV. Personal Health and Wellness: One (P) course (NRS 400)**

**V. Responsibility and Major Related Requirements**

► **HYPE CAREER READY® PROGRAM**

Students accepted into the Terra State Community College Pre-licensure Nursing Program will complete 4 Units at the 100 level and 10 units at the 200 level. Students who transfer in sufficient credit and only need 1 semester in residence at Heidelberg prior to transitioning to Terra State Community College are required to complete 2 units at the 100 level and 5 units at the 200 level. Refer to the HYPE Career Ready® Program section for full details. The RN-BSN completion pathway students are exempt from the HYPE Career Ready® Program.

## **NURSING MAJOR PATHWAYS**

### **1-2-1 Nursing**

The Nursing Major, offered by the Department of Nursing (School of Allied Health, Behavioral and Natural Sciences), in partnership with Terra State Community College, is designed to provide a general preparation in theoretical and clinical applications of nursing at the baccalaureate level. The successful completion of this major is contingent upon the successful completion of Terra State Community College's Associate of Applied Science degree and the national licensing examination (NCLEX-RN) to become a Registered Nurse. Fourth year coursework at Heidelberg University leads to the Bachelor of Science in Nursing (BSN) Degree.

**Nursing major requirements:** (98 sem. hrs.)

**Heidelberg University courses:** BIO 121, 122; CHM 106, 107; WRI 101; MTH 119; HSC 150; COM 245; PHI 216 or 217; PSY 101; PSY 205 (or PSY 1360 at Terra); NRS 400, 410, 420, 430, 440, 450, 460, 470.

**Terra State Community College courses:** NUR 1150, 1160, 1163, 1165, 1170, 1173, 1175, 1180, 1183; BIO 1720, 1725; NUR 2100, 2103, 2200, 2205, 2300, 2303, 2400, 2403, 2500, 2505.

## **RN-BSN POST-LICENSURE COMPLETION PATHWAY**

Heidelberg is committed to providing registered nurses the opportunity to complete a baccalaureate nursing degree (Bachelor of Science in Nursing -- BSN) in order to advance their nursing careers. These RN-BSN Completion Pathway nurses will gain knowledge and skills through courses that build on a foundation of the Liberal Arts and their basic nursing education. The RN-BSN Completion Pathway is convenient and accessible to working nurses via an online format that provides flexibility for project completion. The RN-BSN Completion Pathway graduates will be prepared to enter the local, state, and global arenas with skills necessary to lead a life of distinction as they work in healthcare organizations and in communities.



## Admission Requirements

1. Graduate from an accredited associate degree or diploma nursing program.
2. Hold a current, valid, and unencumbered RN license to practice as a registered nurse in Ohio, a US state or territory (except for Arizona, California, Louisiana, Massachusetts, New York, Oregon, Rhode Island, and Tennessee), or be a graduate of an RN program and eligible for the NCLEX licensing program. (Unencumbered license, in this case, is one that has never been subjected to formal discipline by any state board of nursing such as reprimand, subject to restrictions, suspension, or revocation.) Unlicensed individuals who qualify may complete up to two (2) courses of the post-licensure curriculum but are thereafter required to be licensed to progress.
3. Satisfactorily pass a background check and drug screen (previous employer checks will not be accepted).
4. Submit accurate and current documentation such as health form and record of immunizations.
5. Submit official transcripts to Heidelberg University Admissions department.
6. Complete an application for admission to Heidelberg University.
7. Have completed the following prerequisites:
  - a. Two semester courses of College-level Chemistry sequence with lab if less than 2 years of nursing practice experience
  - b. One semester course of College-level Microbiology with lab
  - c. Statistics
  - d. Ethics (preference in one of the following subject areas: medical, bio-medical, philosophy)
  - e. College Composition
  - f. General Psychology or Human Growth and Development or Lifespan Psychology

### Summary of Degree requirements for RN-BSN Completion Pathway

All degree candidates for the RN-BSN Completion Pathway must complete the following requirements. (Refer to the Course Registration and Policies section listed within the University Catalog for complete details.)

- Achieve a minimum of 120 semester hours.
- Earn a minimum cumulative grade point average of 2.00 to qualify for a degree.
- Achieve a minimum of a C (2.000 quality points) in all required courses.
- Fulfill all requirements of the nursing major.
- Complete half of the major and/or minor course requirements in residence.
- Undergraduate Academic Foundation- complete one of the following (a) Bachelor of Science in Nursing General Education Requirements, (b) for Heidelberg transfer matriculants, a Bachelor degree from a regionally accredited institution, or an Associate of Arts or Associate of Science degree from a regionally accredited state-assisted institution of higher education in Ohio.
- Complete no fewer than 30 semester hours at the junior level or above (300 or 400 levels at Heidelberg) at four-year institutions.
- Take at least the senior year in residence (see also the Active-duty service member statement in the Academic Policies section of this catalog)
- Work toward one degree. If a student wishes to work for a second degree, he or she must acquire an additional 30 academic hours at Heidelberg after completion of the first degree.

The RN-BSN Completion Pathway does not require the AIM Hei Program or the HYPE Career Ready Program.

### RN-BSN Completion Pathway for Undergraduate Academic Foundation in the Bachelor of Science in Nursing General Education

In addition to major curriculum requirements, RN-BSN Completion Pathway students will complete the academic foundation listed below.

#### I. Abilities Requirements

- A. Communication Ability: One course Public Speaking (COM 100) or Interpersonal Communication (COM 245)

B. Quantitative Literacy: One Q Course (MTH 119)

C. Writing Ability Requirement: WRI 101 and two (W) courses (NRS 400, NRS 410)

D. Reading Ability Requirement: Two (R) courses (NRS 420, NRS 430)

II. Breadth of Academic Experience

A. Breadth of Academic Experience in Fine Arts and/or Humanities: Four (F or H) courses

B. Breadth of Academic Experience in Natural Sciences: Two (N) courses, to include one laboratory (L)

C. Breadth of Academic Experience in Social Sciences: Two (S) courses (NRS 460)

III. Global/Cultural Perspectives Requirement: Two (G) courses (NRS 440, NRS 450)

IV. Personal Health and Wellness: One (P) course (NRS 400)

## **RN-BSN Completion Pathway Coursework Requirements (120 Credit Hours)**

- 27 credit hours in nursing escrow – a mechanism that recognizes previous nursing education and awards nursing credits based on the successful completion of Heidelberg Nursing courses in the last semester of nursing courses.
- 30 General Education credit hours
- 33 Elective credit hour (25 Elective credit hours if Chemistry sequence is required)
- 6 credit hours in 300/400 level coursework (in residence)
- 24 Nursing credit hours, listed below (in residence)

**Nursing Major** (24 credit hours). NRS 400, 410, 420, 430 (meets the senior capstone Responsibility Requirement), 440, 450, 460, 470.

# Course Descriptions



The following course descriptions are listed in alphabetic order by subject area. Courses fulfilling General Education Requirements are marked within each course description and online in OASIS. Following each general education area, a letter will be used to identify the courses. Abilities courses are Public Speaking and Engagement (COM 100); Quantitative Literacy (Q), Reading (R), and Writing (W) (WRI 101); Breadth of Academic Experience courses are Fine Arts (F), Humanities (H), Natural Sciences (N) with Lab (L), and Social Science (S); Global/Cultural courses are designated with a (G); Personal Health and Wellness courses are designated with a (P); and, the Responsibility Requirement courses are designated with (the HEI prefix).

## ACC–Accounting

**190. Principles of Accounting** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

This course comprises undergraduate studies in both financial and managerial accounting. It provides the foundations for understanding the necessary financial information to make proper managerial decisions. In the financial accounting section of the course, students will be introduced to the standards, concepts and generally accepted accounting principles for external financial reports. In addition, the accounting process and the preparation of financial statements will also be covered in detail. In the managerial accounting section, students will be introduced to the concepts of managerial accounting through the analysis of cost behavior, job order costing concepts, cost-volume-profit relationships, short-term decision-making using accounting data, and budgeting. Course is not open to students with previous credit in either ACC 201 or ACC 202. (Fall, Spring)

**201. Financial Accounting** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Introduction to the standards, concepts and generally accepted accounting principles for external financial reports. Emphasis on accounting reports as a means for providing financial information. Prerequisites: C- or better in BAE 101. Students may not earn credit for GSB 501 and ACC 201. (Fall, Spring)

**202. Managerial Accounting** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

This course focuses on the internal uses of accounting methods in the control of an enterprise and in decision making, with emphasis on the internal management reports. Prerequisites: C- or better in ACC 201. Students may not earn credit for GSB 501 and ACC 202. (Fall, Spring)

**305, 306. Independent Study in Accounting** 1–3 credit hours. Recitation: 0. Laboratory 0. Alternative Mode 1–3.

The student may complete independent reading and research or pursue a topic of special interest. Prerequisites: C- or better in ACC 201, 202; ECO 251 and 252; MTH 119, MTH 121 or 222. ACC major and Junior standing; instructor permission.

**334. Federal Income Tax (Q)(R)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Fundamentals of federal, state and local tax systems. Emphasis on the applications of the federal income tax regulations and administration. Prerequisites: C- or better in ACC 201, 202. (Spring)

**353. Intermediate Managerial Accounting** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Explores in greater depth the preparation, analysis and use of cost data for the purpose of planning and control of operations of an enterprise. Prerequisites: C- or better in ACC 201, 202; ECO 251 and 252; MTH 119; MTH 121 or 222. (Fall)

**356. Governmental and Non-Profit Accounting** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

A study of the accounting methods used by government and the non-profit sector of the economy. Prerequisites: C- or better in ACC 201, 202; ECO 251 and 252; MTH 119, MTH 121 or 222.

**363. Intermediate Financial Accounting I** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

A study of the theory and practice of accounting concepts. Emphasis is placed on the proper accounting for assets using more complex methods of accounting. Prerequisites: C- or better in ACC 201, 202; ECO 251 and 252; MTH 119; MTH 121 or 222. (Fall)

**364. Intermediate Financial Accounting II** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

A continuation of the concepts in ACC 363. Particular emphasis is placed on the proper accounting for liabilities, equity, leases, earnings per share and changing prices. Prerequisites: C- or better in ACC 363. (Spring)

**370. Internship in Accounting** 0–15 credit hours. Recitation: 0. Laboratory 0. Alternative Mode 1–15.

Practical experience in a learning situation in accounting in a commercial or non-profit organization. Requires departmental approval of the organization in which the internship will be done and departmental review and approval of the specific experience gained. This course is graded as Pass/Fail. Prerequisites: Permission of the instructor.

**373. Accounting Information Systems (R)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

This course is designed to utilize the knowledge learned in ACC 201 and apply it to business applications. It both reinforces the accounting process and gives the students practical skills that are critical and expected in the accounting and business professions. Prepares users of accounting information systems to participate in project development teams, evaluate internal controls and to design and implement computerized accounting information systems. Fraud cases will also be discussed in detail so the students can relate how internal controls play an important part in accounting and business. Prerequisites: C- or better in ACC 201, 202; ECO 251 and 252; MTH 119; MTH 121 or 222. (Spring)

**466. Auditing** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Develops intellectual discipline of objectively examining financial statements to express an opinion of the validity and adequacy of such statements on the basis of generally accepted professional standards. Prerequisites: C- or better in ACC 364. (Fall)

**474. Advanced Accounting (Q)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

The theory and application of specialized topics. These topics include business combinations, consolidated financial reporting, segment and interim reporting, partnership accounting, foreign transactions and non-profit accounting. Prerequisites: C- or better in ACC 364. Senior standing or permission of instructor. (Fall)

**490. Senior Seminar in Accounting** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

A capstone experience open to graduating seniors. Affords an opportunity to utilize knowledge and skills gained from previous course work in an independent project. Students should consult with the instructor in the term prior to registration to prepare a proposal for a research project and paper. Approval of the proposed project must be obtained prior to registration. Students should anticipate extensive research and writing. This course meets all the requirements for the senior capstone experience. Prerequisites: C- or better in ACC 334, 363, 364, 466, 474; and successful completion of or concurrent enrollment in ACC 353 and 373. (Fall, Spring)

## **ANT-Anthropology**

**200. Cultural Anthropology (R)(S)(G)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Cultural anthropology is the study of human cultures, usually through direct observation and interaction with members of a culture that is not your own. This course presents the methods and theories of cultural anthropology and uses case studies to illustrate how it provides a way of understanding human behavior at the group level. Special attention is given to the concept of ethnocentrism, the tendency to see your own culture as better than others, and how this colors your understanding of the world that we live in. (Fall, Spring)

**255. Analysis of Cultural Materials (S)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

A fundamental aspect of archaeology is the identification, classification and analysis of the cultural remains recovered from archaeological excavations. This course presents students with an introduction to the archaeological record through consideration of an actual archaeological database in a laboratory setting. Background information on the manufacture, use and deposition of various cultural materials will be presented along with the taphonomic processes which lead to the recovery of these materials in archaeological contexts. Students will carry out artifact processing and analysis in an experiential learning situation.

**330. Historic Preservation** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

This course will cover in an introductory way all aspects of Cultural Resource Management and Historic Preservation. Major topics include federal historic preservation legislation, cultural resources (historic and prehistoric archaeology, historic structures), the National Register of Historic Places, Section 106 and 110 of the NHPA, historic preservation planning and state historic preservation plans. The course will utilize historic architectural examples as well as prehistoric and historic archaeological sites. Greater emphasis will be placed on how to evaluate historic properties for National Register eligibility than on the process. Prerequisite: COM 100; WRI 101; or Honors Program. (Fall, even-odd years)

**333. The Changing Role of Museums** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Museums have played the authoritative role of interpreting one's culture from many disciplines. In recent decades, however, museums have gone from "static monuments" to interactive arenas allowing "users" to examine the most challenging questions of our time. Technological advances, marketing strategies, educational theory, mast plans and discipline specific developments all contribute to the new museum's approach. Prerequisite: Com 100, WRI 101; or Honors Program. (Spring, even-odd years)

## **ART-Art**

**102. An Introduction into Two-Dimensional Art and Graphics (F)** 2 credit hours. Recitation: 0. Laboratory 0. Alternative Mode Studio 2.

Studio art course that includes the visual language, methods and techniques of two-dimensional design that will include an exploration of a variety of media including: drawing, color study, watercolor and acrylic painting. There is an additional fee with this course.

**103. An Introduction into Three-Dimensional Art (F)** 2 credit hours. Recitation: 0. Laboratory 0. Alternative Mode Studio 2.

Studio art course that includes the visual language, methods and techniques of three-dimensional design that will include an exploration of a variety of media. Organizational problems of composition and space, and identification of relationships between form and content will be emphasized. There is an additional fee with this course.

**112. Women in Art (R)(F)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

Examines the contributions of women to the history of Western art. The achievements of women in painting, sculpture, and the decorative arts are explored in light of historical, cultural and social conditions. Students with credit in NDI 112 will not also receive credit for this course. There is an additional fee with this course. (Fall, odd-even years)

**118. Art and the Visual Experience (R)(F)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

This course examines the processes by which we create, interpret, and respond to the visual arts (painting, sculpture, architecture, photography, etc.) This includes an analysis of fine art theories, techniques, media and language, in the context of historical, cultural and social events. There is an additional fee with this course. (Fall, even-odd years)

**131. Graphic Design (F)** 3 credit hours. Recitation: 3. Laboratory 0. Alternative Mode 0.

This course is especially for students who want to enhance their communication skills through artistic expression. Photographic composition, and analysis of color as it pertains to advertising and commercial design, will be examined. Students will need to supply a digital camera for this course. There is an additional fee with this course. (Fall)

**312. Studio Art (F)** 1-3 credit hours. Recitation: 0. Laboratory 0. Alternative Mode Studio 1-3.

Studio art course designed to give students the opportunity to broaden technical skills in the medium of media of their choice. Historical or personal styles (perceptual skills, visual language, motif, subject matter, etc.) may be further developed to achieve desired levels of self-expression, invention, and communication. Prerequisite: ART 102 or 103; or permission of instructor. There is an additional fee with this course. (Spring)

## **ATR-Athletic Training**

**180. Advanced Emergency Care** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course is designed to teach athletic training students how to respond to various emergency medical situations. It includes professional training in first aid techniques, splinting, Cardiopulmonary Resuscitation (CPR), Automated External Defibrillation (AED), and methods to prevent disease transmission for allied healthcare professionals. This course explores various methods used to manage acute injuries and illnesses common to the physically active population including incorporating hands-on training in the implementation of emergency care techniques. Prerequisite: Athletic Training candidates and majors only. There is an additional fee with this course. (Spring)

**213. Anatomy for Orthopedic Assessment (N)** 3 credit hours Recitation: 3 credit hours. Laboratory: 0. Alternative Mode: 0.

This course is designed to provide an introduction to the anatomy relevant to conducting an orthopedic assessment of a musculoskeletal injury. This course includes both lecture and practical laboratory applications. Prerequisite: BIO 121 or BIO 123. (Fall and Spring)

**252. Taping, Bracing & Splinting Lab** 1 credit hour. Recitation: 0.5. Laboratory: 0.5. Alternative Mode: 0.

This laboratory course will teach student psychomotor skills involved with taping, bracing, splinting and other manual skills associated with the management of athletic injuries. Prerequisites: ATR 171, ATR 180 and entry into the athletic training program. There is an additional fee with this course. (Fall)

**269. Axial & Abdominal Evaluation & Diagnosis** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course is designed to teach the athletic training student the knowledge and clinical skills necessary for completing a musculoskeletal assessment for injuries and condition related to the axial skeleton and abdominal regions. Prerequisites: ATR 171, 180, and Admission into the ATEP. (Fall)

**270. Clinical Proficiencies I** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode Clinical: 1.

This course is designed to teach the sophomore athletic training student the knowledge and application of clinical skills necessary for the development of proficiency in athletic training. Prerequisites: ATR 171, 180, and Admission into the ATEP. (Fall)

**271. Clinical Proficiencies II** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode Clinical: 1.

This course is designed to teach the sophomore athletic training student the knowledge and application of clinical skills necessary for the continual development of proficiency in athletic training. Prerequisites: Admission into the Athletic Training Program and successful completion of ATR 270. (Spring)

**345. Lower Extremity Orthopedic Examination & Diagnosis** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to teach the athletic training student the knowledge and clinical skills necessary for completing a musculoskeletal assessment for injuries to the lower extremity. Prerequisites: ATR 213 and 269. (Spring)

**350. Upper Extremity Orthopedic Examination & Diagnosis** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course is designed to teach the athletic training student the knowledge and clinical skills necessary for completing a musculoskeletal assessment for injuries to the upper extremity. Prerequisites: ATR 213 and 269. (Fall)

**370. Internship in Athletic Training** 0-5 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0-5.

This course gives junior and senior athletic training majors an opportunity for academic-related work experience outside the usual university environment. The internship should enhance the student's intellectual

development through the application of knowledge. This program cannot be totally observational. Prerequisites: ATR 171, 269, & 345, non-probationary standing in the ATEP, and approval by the Chair. A minimum cumulative grade-point average of 2.75 is required. An internship contract must be completed and on file in the Internship office before registration. This course may not be used for credit towards the hours required of the ATR major. (Maximum 6 hours)

**371. Clinical Proficiencies III** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode Clinical: 1.

This course is designed to teach the junior athletic training student the knowledge and application of clinical skills necessary for the continual development of proficiency in athletic training. Prerequisites: Admission into the Athletic Training Program and successful completion of ATR 271. (Fall)

**372. Clinical Proficiencies IV** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode Clinical: 1.

This course is designed to teach the junior athletic training student the knowledge and application of clinical skills necessary for the continual development of proficiency in athletic training. Prerequisites: Admission into the Athletic Training Program and successful completion of ATR 371. (Spring)

**381. Therapeutic Interventions I (W)** 4 credit hours. Recitation: 4. Laboratory: 0. Alternative Mode: 0.

Comprehensive examination of the theory and clinical application of therapeutic interventions including rehabilitation and modality treatments for orthopedic patients during the inflammatory and proliferative phases of healing. AT students will critically evaluate and apply current research into clinical practice. Prerequisite: Admission into the Athletic Training Program and successful completion of ATR 345; COM 100; WRI 101. (Fall)

**382. Therapeutic Interventions II (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Comprehensive examination of the theory and clinical application of therapeutic interventions including rehabilitation and modality treatments for orthopedic patients during the remodeling phase of healing. AT students will critically evaluate and apply current research into clinical practice. Prerequisite: Admission into the Athletic Training Program and successful completion of ATR 381; COM 100; WRI 101. (Spring)

**389. Principles of Strength & Conditioning (P)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to expose the student to basic principles of exercise prescription and strength and conditioning. The student will learn how to design and carry out appropriate exercise prescriptions and exercise techniques (i.e., proper spotting, Olympic lifts, etc.), for various components of fitness for healthy individuals based on scientific principles. This course will also prepare the student for basic personal training certifications and provide a background for further growth in this area. Prerequisite: ATR 213. (Spring)

**413, 414. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Advanced study of a major medical condition, distinguished clinician, medical/health system, or health issue under the guidance of a departmental faculty member. No more than 3 semester hours per course is permitted. Prerequisite: Permission of instructor. (Maximum 6 hours)

**426. Special Topics in Athletic Training** 1-3 credit hours. Recitation: 1-3. Laboratory: 0. Alternative Mode: 0.

The department offers a variety of mini-courses on special athletic training topics of interest to upper level students and staff. The topics concern areas not traditionally stressed in other department courses. In general, the courses will be offered in response to student demand and within the confines of faculty time. Prerequisites: Junior standing. (Fall, Spring)

**470. Clinical Proficiencies V** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode Clinical: 1.

This course is designed to teach the senior athletic training student the knowledge and application of clinical skills necessary for the continual development of proficiency in athletic training. Prerequisites: Admission into the Athletic Training Program and successful completion of ATR 372. (Fall)

**471. Clinical Proficiencies VI** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode Clinical: 1.

This course is designed to teach the senior athletic training student the knowledge and application of clinical skills necessary for the continual development of proficiency in athletic training. Prerequisites: Admission into the Athletic Training Program and successful completion of ATR 470. (Spring)

**475-476. Athletic Training Department Honors** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Permission of Chair required. To be considered, students must have an overall GPA of 3.0 or higher and a GPA of 3.5 or higher within the ATR major and be in good standing within the Athletic Training Education Program. Students who complete an independent Honors Proposal, Honors Thesis with distinction as determined by vote of the department faculty, and who satisfactorily pass the departmentally instituted comprehensive examinations (practical and written), shall graduate with the distinction of "Honors in Athletic Training".

## **BCH-Biochemistry**

**316. Biochemistry (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of principal types of biochemical compounds, nature of reactions taking place in plant and animal tissue and functions of enzymes, carbohydrates, lipids and nucleotides in the metabolic control of these processes. Prerequisites: C- or better in CHM 202 and CHM 210; C- or better in BIO 123, 123L. Corequisite: BCH 316L. (Fall)

**316L. Laboratory Studies in Biochemistry** 2 credit hours. Recitation: 0. Laboratory: 2. Alternative Mode: 0.

This course will reinforce concepts learned in CHM 316 by providing hands-on experience in biochemical techniques used in the laboratory setting. This course has additional lab fees. Prerequisite: C- or better in CHM 202 and CHM 210; C- or better in BIO 123, 123L. Corequisite: BCH 316. (Fall)

**416. Biochemistry of Metabolism** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Biochemistry with an emphasis on metabolism including the chemical reactions of glycolysis, the citric acid cycle, lipid and amino acid synthesis and degradation, and nucleic acid metabolism. Prerequisites: C- or better in CHM 316. (Spring, even-odd years)

**425. Advanced Topics in Biochemistry** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Selected advanced topics in biochemistry. Current biochemical literature is used for a source of information. This course may be repeated once under a different subtitle. Prerequisites: C- or better in BCH 316; junior or senior standing or permission of the instructor.

## **BIO-Biology**

**110. Contemporary Biological Problems (N)** 3 credit hours. Recitation: 3s. Laboratory: 0. Alternative Mode: 0.

The course explores the many ways in which problems facing modern humans can be better understood and addressed through study of the biological sciences. Thus, the course covers select topics ranging from the basic biochemistry and cellular structure of all living organisms, genetics, anatomy and physiology of the body, disease, evolution, ecology and environmental issues. This course may not be used for credit towards the required for the biology major. (Fall, Spring)

**110L. Laboratory Studies in Contemporary Biology (L)** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course is designed for students who require a basic laboratory experience. The weekly exercises allow students to more fully explore some of the important concepts discussed in the lecture, and provide them with firsthand experience of how biologists actually "do science." The laboratory must be taken concurrently with BIO 110. It may not be used for credit towards the required for the Biology major. This course has an additional lab fee (Fall, Spring)

**115. Food, Medicine, and Drugs (N)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Ethnobotany is the study of the use of plants by people. The subject includes the use of plants for food, fuel, beverages, medicine and ceremonial purposes by prehistoric cultures, the origins of agriculture from a hunter-gatherer culture, how different cultures use local plants, the uses of herbs and spices, modern foraging and modern economic botany. Students will learn through reading, library research, discussion and lab experiences. This course will not count in the Biology major. There is an additional fee with this course. (Spring)

**121. Introduction to Human Anatomy and Physiology I (N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This first course of a two-semester sequence explores the following topics: cell, tissues, nervous system, special senses, muscles and the heart. The lab utilizes mammalian dissection and human oriented physiology labs. The course is open to EXC, Pre-Nursing, SPO and HSC majors as well as BIO minors; or instructor permission. This course does not count towards BIO major requirements. There is an additional fee with this course. (Fall)

**122. Introduction to Human Anatomy and Physiology II** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This second course of a two-semester sequence explores the following topics: blood, vessels, skeleton, respiration, endocrine, digestion, urinary and reproduction. The lab utilizes mammalian dissection and human oriented physiology labs. The course is open to EXC, Pre-Nursing, SPO and HSC majors as well as BIO minors; or instructor permission. This course does not count towards BIO major requirements. There is an additional fee with this course. Prerequisites: BIO 121, grade of C- or better. (Spring)

**123. Biology I (N)** (3 sem. hrs.). Recitation: 3. Laboratory: 0. Alternative Mode: 0.

First course of a two semester sequence required of majors. The course reviews the scientific method, introduces features of the unity of life (the cell, cell chemistry, genetics, respiration, and evolution), and discusses some characteristics of animal form. Lecture and laboratory components must be taken concurrently. (Fall)

**123L. Biology I Laboratory (L)** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

Laboratory component to accompany Biology I lecture. Lecture and laboratory components must be taken concurrently. There is an additional fee with this course. (Fall)

**124. Biology II** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Second course of a two semester sequence required of majors. The course reviews the diversity of life including systematics, viruses, bacteria, protists, fungi, invertebrate animals, with special emphasis on plant biology. Material from the first course is combined with the second in the study of ecology and environmental issues. Lecture and laboratory components must be taken concurrently. There is an additional lab fee for this course. (Spring)



**205. Biostatistics (Q)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the role of statistics in the design, conduct and interpretation of biological research. Beginning with descriptive and inferential statistics, it proceeds through one and two-sample hypothesis testing, analysis of variance, linear regression, correlation, goodness of fit and contingency table analyses. Special attention is directed to the proper use of statistical software in data exploration and analysis. The course does not count towards the Biology major or minor. Prerequisite: C- or better in MTH 120 or 121, or placement into MTH 222 or above. Students may apply credit from BIO 205 or MTH 119 toward major/minor requirements in the Department of Biological and Environmental Sciences, but not both. (Spring)

**213. Field Biology** 3 credit hours. Recitation: 1. Laboratory: 2. Alternative Mode: 0.

Familiarizes the student with the diverse array of animals and plants living in natural areas of northern Ohio. Field trips to local forests, fields and streams, as well as lab studies, will acquaint students with some of the commonest flowers, trees, insects and vertebrates. Prerequisites: BIO 123 and 124. (Fall)

**223. Genetics (R)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Study of the laws of heredity and some of their applications with special emphasis on transmission and molecular phenomena. Three lectures and one 3-hour lab each week. Prerequisite: BIO 123. (Fall)

**224. Cell and Molecular Biology (R)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

An in-depth study of the structural and functional nature of the cell based on its molecular make-up. Emphasis will be placed on both biological and molecular technology. Prerequisite: BIO 223. There is an additional fee with this course. (Spring)

**311. Biology Seminar (R)** 1 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Students will improve their written and oral communication by critiquing several recently published papers from the biological literature. Prerequisite: Biology major with Junior or Senior Standing; COM 100; WRI 101. (Fall, Spring)

**312. Evolution (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The process of evolution is defined and evidence from biology and paleontology for the reality of evolution is reviewed. The course next surveys the natural processes which scientists suggest can lead to evolutionary change in groups of organisms and concludes with the postulated evolutionary histories of several important groups, including humans. Prerequisites: BIO 123, 124 and 223. (Spring)

**318. Human Medical Genetics (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An in-depth look at the role of chromosomes and genes in the etiology of human genetic diseases. Symptoms, treatments, psychological factors and possible screening methods will be presented. This course is suggested for people entering into graduate or professional programs in human health-related fields. Prerequisite: BIO 223; COM 100; WRI 101; junior or senior standing, or permission of instructor. (Fall, even-odd years)

**324. Water Pollution Biology** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

The biological effects of water pollution will be studied through lectures, experimentation, field sampling, laboratory analysis, and data interpretation. Students will employ up-to-date methods of stream biomonitoring and will be introduced to methods of toxicity testing. Prerequisite: ENS 323. (Spring, even-odd years)

**325. Microbiology (W)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Introduction to general principles and techniques of the study of microorganisms of air, water, foods and soils, and relationship of such organisms to health and disease in plants and animals. Prerequisites: Two semesters of both college biology and college chemistry; COM 100; WRI 101. Open to juniors and seniors only. (Spring)

**329. Cancer Genetics (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of somatic and inherited mutations that promote carcinogenesis, the development of genetic testing for cancer, and molecular targets for cancer therapy. Prerequisites: BIO 223; COM 100; WRI 101; junior or senior standing, or permission of instructor. (Fall, odd-even years)

**355. Ichthyology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course provides an introduction to the broad field of fish biology. It develops important background for those interested in pursuing careers in fisheries biology, aquaculture, water quality assessment, ecology or vertebrate physiology. We review a number of the traditional concerns of ichthyology including fish taxonomy, anatomy, physiology and distribution, ecology and behavior. Special attention is given to field collection methods involving seining and electroshocking, and to identification of Ohio stream and lake fish species. Prerequisite: BIO 123. (Offered occasionally)

**363. Human Anatomy and Physiology I** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

First of a two-course sequence covering structure and function of the human body. This course integrates micro and gross anatomy while examining how the human body functions from the cellular level, up through and focusing on the various systems including nervous, integumentary, muscular, and endocrine. Lab utilizes previously projected cadavers and analysis of live subjects. Prerequisites: BIO 123 and 123L; CHM 106 or 111; OR BIO 121 and CHM 106 or CHM 111. All prerequisite courses must be passed with a grade of C- or better. Open to juniors and seniors. (Fall)

**364. Human Anatomy and Physiology II** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This course is a continuation of the sequence which begins with BIO 363 and covers the remaining physiological systems including cardiovascular, immune, respiratory, urinary, digestive, and reproductive. Cadavers and live subject models continue to enhance laboratory exploration. Prerequisite: BIO 363. (Spring)

**365. Mammalian Dissection and Anatomy** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course is a companion to BIO 364 for students who wish to qualify for BIO 403, Cadaver Prosection, for the following Fall. Students will develop dissection skills on preserved mammals such as mink or rabbits, and will be tested on their anatomy. Students will assist in conducting tours of the Cadaver lab for local high school students and other interested parties. There is an additional lab fee for this course. Prerequisite: B- or higher in BIO 363. Corequisite: BIO 364. (Spring)

**370. Biology Internship** 0–15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–15.

This course gives junior and senior biology majors an opportunity for academic-related work experience outside the usual university environment. The internship should enhance the student's intellectual development through the application of knowledge. This program cannot be totally observational.

Prerequisites: BIO 123, 124 and at least one 4-hour upper level course. A minimum cumulative grade-point average of 2.5 is required. An internship contract must be completed and on file in the Internship office before registration. This course may not be used for credit towards the biology major. (Fall, Spring)

**375. Caribbean Biogeography** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

Field excursion to Belize, Central America or other suitable area during the spring vacation period. Field investigations include (as appropriate) coral reefs, mangroves, estuary systems, and physical geography. There is an additional fee for this course. (Spring, odd-even years)

**390, 391. Independent Research** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

An independent study course featuring special laboratory and/or field work for advanced students. The work must be arranged prior to registration in consultation with an instructor. Permission of the department chairperson is required. A formal written proposal of the expected project is required before registration. All students taking this course will meet together for one period each week to share their problems and ideas and to present progress reports of their project to their peers and faculty. (Fall, Spring)

**403. Cadaver Prosection** 2 credit hours. Recitation: 1. Laboratory: 1. Alternative Mode: 0.

Anterior or posterior aspect of a cadaver will be prosected by students. Purpose is to gain additional dissecting skill and a more thorough understanding of human anatomy via a regional approach to study. One 3-hour laboratory per week. Prerequisite: B- or higher in BIO 363, 364 and 365. (Fall)

**415. Animal Behavior (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Takes an evolutionary approach in examining the immense diversity of animal behavior for insights into the lives of animals. The course highlights procedures biologists have developed for observing and interpreting behavior in animals, and provides students the opportunity to apply these scientific methods in conducting their own original research into a problem in animal behavior. Prerequisites: BIO 213 and a statistics course, or permission of instructor; COM 100; WRI 101. Open to juniors and seniors only. (Spring, odd-even years)

**425, 426. Special Topics in Biology** 1–3 credit hours. Recitation: 1–3. Laboratory: 0. Alternative Mode: 0.

The department offers a variety of mini-courses on special biology topics of interest to upper level students and staff. The topics concern areas not commonly stressed in other department courses. In general, the courses will be offered in response to student demand and within the confines of faculty time.

**475–476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course series is reserved for seniors who want to earn departmental honors. During the two semesters of work the student must go beyond the level of ordinary undergraduate work. Results of the work should approach the level of a master's thesis. Course requires both comprehensive written examinations in the field of biology and an oral presentation to the staff of the work accomplished. A student's entry to this course must be approved in detail by the department head and another biology faculty member prior to registration.

## **BAE–Business Administration**

**101. Introduction to Business Administration (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the basic nature of business and how people organize enterprises and resources to create and deliver value for stakeholders. The course will focus on the interrelation of functional areas including accounting, finance, management, and marketing, and their interaction with legal/ethical issues in the business environment. The course will provide an initial business foundation for developing technical skills and managing information through digital productivity tools and quantitative techniques/statistics. (Fall, Spring)

**202. Innovation and Creativity (R)(W)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Innovation and creativity are key drivers of success for businesses and other organizations. Innovation and creativity transform how we live and work and improve productivity and our quality of life. This course explores how successful companies and individuals innovate and find creative solutions in order to achieve sustainable competitive advantages. This course is not lecture-based. Students work individually and as part of a team to discover theories, best practices, case studies, and leaders engaged in highly creative and innovative work. This course will also explore the adoption and impact of new technologies, with special

attention to new developments in electronics, such as personal computing, digital content creation, mobile devices, the internet, and social media. (Spring)

**257. Personal Finance** (3 sem. hrs.). 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of a wide range of topics to provide a foundation to make informed decisions regarding the management of personal finances. Coverage includes the financial planning process, career planning, money management, taxes, risk management and insurance, investments, retirement planning, and estate planning. (Fall)

**290. Special Topics in Business** 1–3 credit hours. Recitation: 1–3. Laboratory: 0. Alternative Mode: 0.

Study of selected topics and issues related to business not normally covered in regular course offerings. This course may be repeated with a different subtitle.

**305, 306. Independent Study** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

Open to students of demonstrated ability who have completed at least 9 hours in the department. With instructor approval the student may do independent reading, research or pursue a topic of special interest. Prerequisite: Junior standing.

**318. Business Law I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the American legal institutions and sources of law with emphasis on ethics, torts, criminal law, contracts and sales. The course is one of two courses which cover the business law content specified by the American Institute of Certified Public Accountants. Open to juniors and seniors. Students may not earn credit for GSB 503 and BAE 318. (Fall, Spring)

**319. Business Law II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of negotiable instruments; debtor–creditor relationships with emphasis on secured transactions; bankruptcy, agency law, real property law; and wills and estates. The course is one of two courses which cover the business law content specified by the American Institute of Certified Public Accountants. Open to juniors and seniors. (Spring)

**328. International Business (W)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Provides students with an understanding of the global business environment (Economic, Cultural, Legal, Political), including: international monetary system, international trade policies and institutions, world trade and investment processes, multinational corporate strategy, and international management and culture. Prerequisite: Junior or Senior standing.

**355. Government and Business** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of regulatory laws and the economics of regulation, with particular emphasis on current activities in the regulation of business. Open to juniors and seniors in any field.

**368. Research Methods** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will practice the business research process and understand its role within the organization; integrate theory and research; improve their ability to find and intelligently use information; practice using statistical quantitative tools. Students will learn multiple types of research methodologies (qualitative research, secondary research, competitive intelligence, primary quantitative data collection methods) and when each is appropriately used for insights and decision-making. Prerequisites: MTH 119.

**370. Internship** 0–15 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 1–15.

Practical experience in a learning situation in management of a commercial or non-profit organization. Requires departmental approval of the organization in which the internship will be done and departmental review and approval of the specific experience gained. Prerequisites: Permission of instructor and Junior standing. (Fall, Spring)

**456. Senior Seminar in Business** 1–3 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 1.

Seminar meets to hear visiting business leaders, study and evaluate interviewing, job selection and professional advancement. Optional second hour includes a competitive business simulation, in which students make management decisions and are evaluated in terms of their market effectiveness. Prerequisite: Senior standing.

## **BSC– Behavioral Sciences**

**200. Explorations in the Behavioral Sciences** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course will address careers in psychology and criminology, graduate training in psychology and criminology, and will focus on preparing majors for the junior experience requirement. The course will also require a service learning component. The course should be taken after the student has completed 30 credit hours, but before completing 65 credit hours. Prerequisites: Sophomore status; PSY 101 or CRM 151, one additional psychology course, and must be at least in the second semester of full-time enrollment at Heidelberg. (Fall, Spring)

**201. Research Methods and Data Analysis (Q) (W)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Introduces students to research designs and the statistical procedures used to analyze data. Students will become critical consumers of social science research while also learning to conduct social science research. Students with credit for PSY 201 or 307, or CRM 210 will not receive credit for this course. Lecture and laboratory components must be taken concurrently. Prerequisites: PSY 101 or CRM 151; MTH placement into 114 or higher. This course is recommended to be taken as soon as students reach sophomore status. (Fall)

**369. Practicum** 1–6 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–6.

On campus work experience supervised by a member of the department of Psychology and Criminology. Course may be repeated but students may not earn more than a total of 6 credit hours. BSC 369 will not meet the Junior Experience in Behavioral and Social Sciences requirement. Permission of Department Chair required. Prerequisite: Junior standing, 3.0 GPA in major, Psychology or Criminology major. (Fall and Spring)

**370. Internship** 0–15 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 1–15.

Supervised off-campus work experience in a criminal justice, sociology, or mental health-related job; site and schedule must be determined by student with Psychology and Criminology Department approval. Credit is given only if work is monitored by a Heidelberg psychology faculty member. Prerequisites: (Open to juniors and seniors); COM 100; WRI 101; for criminology majors: CRM 151; for psychology majors: PSY 209; also PSY 206 is recommended if internship is for children. PSY 207 is recommended for sites concerned with adolescents. See Psychology and Criminology Department chair for permission to register, and for a list of internship opportunities. 40 hours per one semester hour.

**371. Independent Research Project** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

Also known as the Junior Experience in Behavioral and Social Sciences. Students are invited to complete an independent research project, under the supervision of a member of the Psychology and Criminology faculty, and present their research findings at an appropriate opportunity (Student Research Conference or at a professional conference). Prerequisites: WRI 101, COM 100; for criminology majors: CRM 151, CRM 210, SOC 310 strongly recommended; for psychology majors: PSY 101, 201 and 202; Departmental approval of research topic.

**372. Study Abroad** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Also known as the Junior Experience in Behavioral and Social Sciences. Students are invited to pursue a course of study that includes psychology, criminology or sociology, and write a paper to be presented at an appropriate opportunity (Students will enroll in this course during the semester in which they will make their presentation, at either the Student Research Conference or Psychology Day). Prerequisites: COM 100; WRI 101; PSY 101 or CRM 151; Departmental approval of study abroad course.

## **CHI–Chinese**

**101. Elementary Chinese** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A sequence course introducing the fundamentals of Chinese language and culture.

**102. Elementary Chinese** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The second sequence course of the fundamentals of Chinese language and culture. Prerequisite: CHI 101 or placement into CHI 102.

**107. Exploring Chinese Culture I (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of traditional Chinese culture; topics may include inventions, art, and customs. This course is taught in English. Students with credit for NDI 107 cannot also receive credit for CHI 107.

**108. Exploring Chinese Culture II (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of contemporary Chinese culture; topics may include business, technology, and sports. This course is taught in English. Students with credit for NDI 107 cannot also receive credit for CHI 108.

**240. Guided Study** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

An opportunity for students to improve proficiency by independent study or tutorial arrangements. Prerequisites: CHI 102 or placement, and permission of faculty.

## **CHM–Chemistry**

**103. Fundamentals of Chemistry (N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of basic chemical principles and how chemistry relates to topics of current interest, such as energy and environmental matters. This course is designed specifically for non-science majors and will not count toward the Chemistry major or minor. No previous chemistry is necessary. Optional 2 hour lab portion of this course is CHM 103L.

**103L. Laboratory Studies in Fundamentals of Chemistry (L)** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course is designed for non-majors as the lab complement to CHM 103, Fundamentals of Chemistry. This lab course meets weekly for two hours and has additional lab fees. Students will explore some of the concepts discussed in lecture and will gain hands-on chemistry laboratory experience. This lab course can only be taken concurrently with CHM 103. There is an additional fee with this course.

**105. Introduction to Forensic Chemistry (N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

A survey of the field of Forensic Chemistry– the application of chemistry to the law. Topics include a discussion of forensic science careers and their relationship to the legal system. Additionally crime scene collection and analysis of physical, biological, and chemical evidence will be discussed. Students will explore some of the concepts discussed in lecture and will gain hands-on laboratory experience related to forensic science. This course has additional lab fees. (Spring)

**106. Allied Health Chemistry I (N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Introduction to chemical principles for the allied health professions with an emphasis on measurement, the nature of matter, chemical reactivity, properties of gases, solutions, acid/base reactions, nuclear radiation and introductory organic chemistry. Prerequisite: Placement in MTH 120. There is an additional fee with this course.

**107. Allied Health Chemistry II** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Introduction to organic chemistry and biochemical principles for the allied health professions with an emphasis on organic compounds, functional group reactivity, macromolecules including carbohydrates, lipids, proteins and enzymes; metabolic pathways and energy production. Prerequisites: C- or better in CHM 106.

**108. The Science of Art (N)(G)** 1-3 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 1-2.

This course explores the intersection of chemistry with various disciplines such as art, the environment and history. Students will study the chemical techniques used to produce, restore, and conserve art. Additionally, students will learn different methods used to analyze how environmental factors can affect art and places of historical importance. Through international travel students will explore a variety of museums and historical sites and apply their knowledge of these chemical techniques. Site visits arranged in the host country will be used to demonstrate chemical principles and methods firsthand. This course has an end of semester travel component. There is an additional fee for this course.

**111. General Chemistry I (N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Study of atomic structure, stoichiometry, gases, thermochemistry, periodicity, bonding, liquids and solids. Three recitations and one 3-hour laboratory period per week and has additional lab fees. Prerequisites: Placement into MTH 121 or C- or better in MTH 120. (Fall)

**112. General Chemistry II** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Study of solutions, equilibrium systems (acid-base, solubility), thermodynamics, electrochemistry, kinetics and the nucleus. Prerequisite: Passing grade in CHM 111. This course has additional lab fees. (Spring)

**201. Organic Chemistry I** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Organic chemistry is the study of compounds bearing carbon atoms, including reactions and methods of identification. This course will include methods for describing organic compounds and their features (known as functional groups), reactions of organic compounds such as those containing alkane, alkene, alkyne, and alkyl halide functionalities, and spectroscopic means of identifying organic compounds (including IR and NMR). Prerequisites: C- or higher in CHM 111 and 112. This course has additional lab fees. (Fall)

**202. Organic Chemistry II (W)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This course will focus on naming and understanding the reactions and properties of organic molecules bearing functionalities not covered in CHM 201. These include: conjugated alkenes, aromatic rings, alcohols, ethers, carbonyl compounds, nitriles, and amines. Prerequisites: C- or higher in CHM 201. This course has additional lab fees. (Spring)

**205. Environmental Chemistry** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Students will study the chemistry of the air, water, and soil. The reactions, movements, and fates of anthropogenic and naturally occurring compounds will be investigated. Students will use contemporary sampling and analytical techniques to examine matrices such as surface water, groundwater, and sediment samples. In addition, students will employ appropriate documentation and quality control procedures, interpret data and learn to communicate water quality data. There is an additional lab fee. Prerequisites: CHM 111 and CHM 112. (Spring, even-odd years)

**210. Quantitative Analysis** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Study of both theoretical and practical aspects of quantitative chemical analysis, including classical and modern methods along with treatment of data. Theoretical emphasis is on acid-base, solubility, oxidation-reduction, and complex ion equilibria, electrochemistry and spectrophotometry. Laboratory work includes quantitative gravimetric, volumetric, and instrumental analysis. Three recitations and one 3-hour laboratory period per week and has additional lab fees. Prerequisites: C- or better in CHM 112. Students with credit in CHM 305 may not receive additional credit for this course. (Spring)

**307. Physical Chemistry: Thermodynamics and Kinetics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the principles of chemistry used to explain and interpret observations on the physical and chemical properties of matter. Topics include thermodynamics, chemical equilibria, and kinetics. Prerequisites: C- or better in CHM 202 and 210; C- or better in PHY 101 and 102; C- or better in MTH 222. Three recitations per week. (Spring)

**311. Inorganic Chemistry I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of the chemistry of inorganic compounds focusing on the properties of selected interesting, important, and unusual elements and compounds. To promote understanding, underlying chemical principles will be utilized to provide explanations for the existence and behavior of these compounds. Prerequisite: C- or better in CHM 202 and 210. (Fall even-odd years)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Qualified students may receive credit for off-campus experience in an industrial, government or academic laboratory. Departmental approval is required. (Offered occasionally)

**404. Instrumental Analysis** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the theory and applications of instrumental methods of chemical analysis. Emphasis is on (1) Spectroscopy (UV, Visible, IR Raman, NMR, AA, Emission, mass), (2) Electrochemistry (electrolysis, potentiometry, voltammetry, coulometry) and (3) Chromatography (GC, HPLS). Laboratory work involves solving analytical problems using instrumental techniques. Prerequisite: C- or better in CHM 202 and 210. (Spring, odd-even years)

**407. Physical Chemistry: Quantum Mechanics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the principles of chemistry used to explain and interpret observations on the physical and chemical properties of matter. Topics include quantum theory and its application to atomic and molecular structure, spectroscopy, and molecular interactions. Prerequisite: C- or better in CHM 307 and MTH 223, or permission of instructor. (Fall, odd-even years)

**409, 410. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Laboratory problem designed to meet needs of advanced students. Consulting members of the staff, student will select a project in one or a combination of several of the following areas: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, physical chemistry. A formal, written report and an oral presentation of results will be required. Prerequisite: Permission of department chair. One conference period and a minimum of three hours of laboratory work per week for each semester hour of credit. There is an additional fee with this course. (Offered occasionally)

**411. Inorganic Chemistry** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Advanced course dealing with structure, bonding and reactions of inorganic compounds with special emphasis on coordination chemistry. Laboratory work devoted to inorganic preparations, reactions and characterization of products. Prerequisite: Permission of the instructor. (Fall, odd-even years)

**425 Advanced Topics in Chemistry** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Selected advanced topics in chemistry: analytical, inorganic, organic, or physical. Current chemical literature is used for a source of information. This course may be repeated once under a different subtitle. Prerequisites: C- or better in CHM 202 and 210; junior or senior standing or permission of the instructor.

**445 Advanced Laboratory Techniques I** 3 credit hours. Recitation: 0. Laboratory: 3. Alternative Mode: 0.

An interdisciplinary laboratory experience intended to draw connections between the various chemistry subdisciplines: analytical, biochemistry, inorganic, organic, and physical. Students will investigate contemporary chemical issues using spectrophotometry, chromatography, electrochemistry, synthesis, purification, and characterization. The use of research literature, writing, and oral presentation skills are emphasized. Satisfies the capstone requirement for the biochemistry and chemistry majors. Prerequisites: C- or better in BCH 316 and BCH 316L. (Spring)

**446 Advanced Laboratory Techniques II** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

An interdisciplinary laboratory experience intended as a continuation of CHM 445. Students will investigate contemporary chemical issues using spectrophotometry, chromatography, electrochemistry, synthesis, purification and characterization. The use of research literature, writing, and oral presentation skills is emphasized. Prerequisites: C- or better in CHM 445. (Fall)

**475-476. Honors Course** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Series open to seniors who want to earn Departmental Honors and whose Chemistry GPA is at least 3.00. Requests for Departmental Honors must be approved by the Department Chair, in consultation with the Chemistry faculty. A detailed proposal for independent research must be submitted to the Chair in the spring semester of the junior year. During the last semester an oral examination covering the research, and a comprehensive written examination covering all areas of chemistry must be taken. There is an additional fee with this course. (Offered occasionally)

## **COM-Communication**

**100. Public Speaking and Engagement** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to theory and practice of effective public speaking, focusing on the role of public address in engaged citizenship and community improvement. (Fall, Spring)

**101. Explorations in Communication (R)(W)(H)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Introduction to the field of communication, including definitions and models of communication, role of communication in personal and professional settings, breadth of the field, research, and career opportunities. (Fall)

**204. Group Communication and Leadership (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the theories, processes, and skills of effective group problem solving, focusing on the role of leadership in facilitating brainstorming and decision making as well as in managing conflicts. Students with credit for COM 104 will not also receive credit for 204. (Spring, odd-even years)

**209. Visual Communication (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination and creation of stories told through still and moving images, including graphic design, photography, cinematography, and online texts. Includes portfolio component. Students with credit for MED 211 will not also receive credit for COM 209. (Spring)



**210. Sophomore Seminar** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the theories, concepts, and expectations of the communication and media discipline. Prerequisite: Major status. (Spring)

**245. Interpersonal Communication** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of the impact of communication on self-identity and personal, social, and professional relationships, emphasizing the factors that affect communication and techniques to improve skills. (Spring)

**311. Organizational Communication** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the approaches and challenges related to communication within organizations, including structural and technological changes, conflict resolution, collective identity, and the diverse/global workplace. Prerequisite: COM 204. (Spring, even-odd years)

**312. Family Communication** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of communication in a variety of family systems, focusing on family types, creation of meaning, conflict, decision-making, and communication behavior that enhances family living. Students with credit for COM 254 will not also receive credit for 312. Prerequisite: COM 245. (Fall on rotating basis)

**314. Intercultural Communication (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the contexts, values, and other variables that affect communication between cultures and microcultures. Students with credit for COM 246 will not also receive credit for 314. Prerequisite: COM 245. (Fall on rotating basis)

**317. Health Communication** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of theory and research on communication in health and illness contexts, focusing on how messages from interpersonal, organizational, cultural, and media sources affect health beliefs and behaviors, regarding healthcare delivery, health care organizations, and health promotion and disease prevention. Prerequisite: Junior standing.

**345. Selected Topics** 1-3 credit hours. Recitation: 1-3. Laboratory: 0. Alternative Mode: 0.

Study of selected topics in communication. (Offered occasionally)

**350. Persuasion** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of the theories, techniques, and ethics of argumentation and social influence, focusing on the analysis, development, and presentation of advertising and public relations campaigns. Prerequisites: Junior standing. (Spring)

**369. Practicum.** On-campus practical communication experience to be chosen from one or both of COM 369A or 369B. May be repeated for a combined total of no more than 6 sem.hrs.

**369A. Speech Team Practicum** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Contribute to the Speech Team (Heidelberg Forensics); contributions could include participating as a Speech Team member and/or assisting the Director of Forensics. Permission of instructor. (Fall, Spring)

**369B. Self-Designed Communication Practicum** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Student-proposed on-campus practical communication experience. Arranged with a designated faculty member in the Department of Communication and Media. (Fall, Spring)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Off-campus practical communication experience. May be repeated for a total of no more than 15 sem. hrs. Prerequisite: Departmental permission. (Fall, Spring)

**411. Senior Seminar** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course meets the Senior Capstone Experience. Students will engage in original research and projects in their area of professional or academic interests. Students with credit for COM 408 will not also receive credit for 411. Prerequisite: Senior Standing. Declared Communication or Integrated Media or Video Game Production major. (Fall)

**451, 452. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Individual research under the direct supervision of a departmental faculty member. Opportunity for advanced work in any of the communication areas of special interest to the student. Prerequisite: Permission of the instructor. (Fall, Spring)

## **CPS-Computer Science**

**150. Fundamentals of Computer Science (N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Breadth-first introduction to computer science. Data representation, algorithmic problem solving, basic concepts in hardware, operating systems, networking, graphics, artificial intelligence, and an introduction to the limitations of computing. Exercises include simulation, introductory programming in the Internet environment, and the development and comparison of algorithms. Laboratories emphasize the use of computers for modeling complex phenomena or for analyzing data, and the use of programs for solving interdisciplinary problems. Provides computer science and computer information systems majors with a solid foundation for further study and offers non-majors a broad introduction to the scientific techniques of the discipline. Prerequisite: Placement into, completion of, or concurrent enrollment in a 100-level or higher mathematics class. (Fall)



**201. Computational Problem Solving** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to problem-solving methods and algorithm development, and the design of programs to address interdisciplinary problems in a high-level programming language. This course provides students with the tools necessary to abstract and model problems drawn from various application domains, such as the natural and social sciences, economics, digital media manipulation, or any field involving quantitative work. Prerequisite: MTH 119; or Placement into or completion of MTH 121 or higher. (Fall)

**202. Intermediate Computer Programming** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of intermediate level computer science principles and programming techniques, with an emphasis on object-oriented design. Topics include recursion, sorting, modularizing, basic data structures, and software engineering principles. Students will also be introduced to a second high-level language to complement their experience in CPS 201. Prerequisite: CPS 201. (Spring)

**220. Discrete Computational Structures** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The fundamental computational structures underlying computer science. Sets, graph theory, recurrence relations, Boolean logic, combinatorics, finite automata, and the theory of computation. Prerequisites: MTH 119; or Placement into or completion of MTH 121 or higher. (Fall)

**290. Topics in Computing** 1-4 credit hours. Recitation: 1-4. Laboratory: 0. Alternative Mode: 0.

Current topics in computing. Topics may be applicable to both majors and non-majors, and are chosen to reflect the important roles computing plays in support of various disciplines. Prerequisite: permission of instructor. This course may be repeated under different topics and for a maximum of 8 sem. hrs. The course may be graded as a letter grade or pass/fail as listed in the course syllabus. (Offered occasionally)

**301. Computer Organization** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the organization and structure of the major hardware components of computers; fundamentals of logic design; coding, number representation and arithmetic and simple computer architecture. Prerequisite: CPS 150 or 220, and CPS 201. (Spring, odd-even years)

**302. Operating Systems** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Computer architecture, instruction sets, memory management, device management, information management, systems structure, and performance evaluation. Prerequisite: CPS 201. (Spring, even-odd years)

**311. Data Structures** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Basic data structures such as stacks, queues, lists, trees and graphs; utilization of algorithmic analysis and design criteria in the selection of methods of data manipulation; hashing, searching, merging and sorting algorithms and algorithm complexity and efficiency. Prerequisites: CPS 202 (Fall, even-odd years)

**312. Programming Languages** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of various high-level languages with emphasis given to formal language definition, lexical analysis techniques, list processing and string manipulation languages. Prerequisite: CPS 202. (Spring, even-odd years)

**325. Data Communications and Networking** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The principles of data communications equipment, device protocols, data transmission formats and representation techniques. Network topologies, design and configuration. Network performance issues and enhancement techniques. LANs, WANs, and internetworking issues. The protocols and workings of the global Internet. Issues facing network administrators. Prerequisite: CPS 201. (Fall, odd-even years)

**330. Web Application Development** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Models for application development in the Internet environment. Examination of key Internet protocols and programming tools. Emphasis is on the techniques for development of web content and Internet-based applications, including e-commerce and integration with backend data sources. Session and exchange management. Program security. Prerequisites: CPS 202 or IST 314, and CPS 325. (Spring, odd-even years)

**345. Computer and Network Security** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Technical concepts in computer and network security. Principles behind attacks and countermeasures. Building resilient software systems and applications. Vulnerability analysis and detection. Software security, web security, network security, and protocol-level security. Prerequisites: CPS 201 and 325. (Spring of odd-even years)

**350. Topics in Computer Science** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Current topics in advanced computer science and information systems, chosen to meet the interests of students and instructors. Extensions of familiar topics or introductions to new paradigms and research areas. This course may be repeated once under a different subtitle/topic. Prerequisite: Permission of the instructor. (Offered occasionally)

**355. Applied Machine Learning: Intensive** 3 credit hours. Recitation: 1. Laboratory: 2. Alternative Mode: 0.

In this ten-week immersive experience, students will learn the fundamentals of machine learning to prepare for a role at the intersection of data science, computer science, and the individual student's field of study or interest. Students will learn different machine learning tools and models; they will develop skills to assess when machine learning is the right solution to a given problem; they will learn how to prepare and identify issues with data; and they will hone their coding skills in Python and SQL. Topics covered include: data investigation, cleaning, transformation, analysis, and visualization; ML techniques like classification, regression, and clustering; bias, responsible AI, and machine learning fairness; and how to implement machine

learning in the cloud. Students will be immersed in project-based teams dedicated to exploring and solving data problems based on their own professional aspirations. They will also learn the professional skills essential to succeed in today's workforce: collaboration, problem-solving, program management, self-presentation, and professional networking. Course delivery will be through a combination of online reference materials and texts, hands-on exercises, and live facilitation. Prerequisites: CPS 201 (or equivalent), CPS 202 (or equivalent), MTH 119 (or equivalent), and permission of instructor (students must complete a selective application process). (Summer, on occasion)

**370. Internship** 0–15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–15.

Departmental permission required.

**401, 402. Independent Study** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

Special topics chosen to meet the student's individual interest. Prerequisite: At least six Computer Science courses.

**475–476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is open to seniors who want to earn Departmental Honors in computer science. Requests for Departmental Honors must be approved by the Department Chair, in consultation with the computer science faculty. A detailed proposal for independent research must be submitted to the Chair in the spring semester of the junior year. During the last semester, the student must complete a thesis, an oral examination covering the research, and a comprehensive written examination covering all areas of computer science. Prerequisite: Permission of Department Chair and combined CPS/IST subject GPA of a 3.00 or higher.

**490. Capstone Topics in Computing** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course provides a summary experience for the major on a topic in computing of special significance. The course will feature critical examination of the topic through such means as consideration of career implications, guest presentations, discussion of ethical ramifications, and a comprehensive project. Prerequisite: Computer Science or Information Systems major and senior standing. (Spring)

## **CRM–Criminology**

**151. Introduction to Criminology and Criminal Justice** (R)(S) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction and overview of the study of criminology designed to provide students with an understanding of law, crime, and the criminal justice system in America. The course explores the underlying justification for the Criminal Justice System, while introducing students to the scientific foundations of criminology. Finally, the course explores what happens when individuals commit crimes and are processed through the criminal justice system. Students with CJS 151, Introduction to Criminal Justice, credit will also not receive credit for this course. (Fall, Spring)

**220. Policing and Law Enforcement** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An in-depth examination of the institution of policing and law enforcement throughout history to the present day. Emphasis on social, political, legal, and technological forces shaping the profession. Discussion of the challenges of policing a democratic and diverse society, police discretion and behavior, the effectiveness of particular police interventions, and police reform and accountability. (Fall, even-odd years)

**221. Corrections** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An exploration of corrections theories and application of said theory to current problems in criminal justice. A review of the history of the U.S. correction system, and an overview of the current state of affairs – including, but not limited to, privatization, rehabilitation, and recidivism. (Spring, odd-even years)

**333. Psychology and Law** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to some of the ways that psychological research, theory, and practice is applied to the legal system and issues of law. Students with credit in a Special Topic for Psychology and Law are not eligible to take this course. Prerequisites: CRM 151, PSY 101 (Fall, odd-even years)

**357. Victimology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A review of historical and current theories of criminal victimization and other forms of human rights violations, including causes and consequences. An examination of the relationships between victims and offenders, the criminal justice system and other social institutions, e.g., media, business, social groups and movements. Students with credit in a Special Topic for Victimology are not eligible to take this course. Prerequisites: CRM 151. (Spring, odd-even years)

**362. Juvenile Justice** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A review of the history and philosophy of juvenile justice in the United States and the impact of social reform on the juvenile justice system. An overview of the legal framework in which the juvenile justice system operates will highlight the difference between the adult and juvenile justice systems. Theories of social structures, processes, and reactions will be discussed, along with the influence of the family, media, peers, socioeconomic status, drugs, gang affiliation, and schools. Students with credit in a Special Topic for Juvenile Justice are not eligible to take this course. Prerequisites: CRM 151; either CRM 220 or CRM 221 (Spring, even-odd years)

**380. Topics in Criminology** 1–4 credit hours. Recitation: 1–4. Laboratory: 0. Alternative Mode: 0.

Topics of interest and relevance to students majoring in Criminology. This course may be repeated when taken as a different topic. Students with CJS Special Topics and same title cannot also receive credit for the same topic.

**401, 402. Independent Study** 1–4 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–4.

Semester or entire year. Admission with consent of supervising professor. Prerequisites: CRM 151. (Fall, Spring)

**475–476. Departmental Honors** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Commensurate with the Department's goal of providing opportunities for in-depth criminological study, Criminology majors are encouraged to earn the graduation citation "Honors in Criminology" through the Department of Criminology honors program.

Students who complete an independent honors thesis with distinction, as determined by vote of the department, and who satisfactorily pass a departmentally instituted comprehensive examination, shall graduate with the distinction of Honors in Criminology. (Fall, Spring)

1. Requirements for admission to Departmental Honors program:

- A student must be admitted no later than the end of the second semester of the junior year. (Contact Department Chair for application information.) In addition, the following criteria must be met for admission to the program:
- An overall GPA of 3.0 or higher.
- A GPA in Criminology courses of 3.4 or higher.
- Successful application into the department honors program, which includes a clearly

2. Requirements for graduation with Honors in Criminology: Honors students must meet all Requirements for Admission, described above. In addition, the student must complete CRM 475 and CRM 476, which includes the completion of an Honors Proposal, an Honors Thesis, and passage of a comprehensive exam.

The final GPA in Criminology courses must be 3.4 or higher.

**491. Senior Seminar (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The Senior Seminar in Criminology examines the interaction between criminogenic theory and practice highlighting systematic successes and failings. Students will research and present on selected functions, organizations, issues, and opportunities within that wide range. This course will serve as the Capstone for students majoring in Criminology and is open to juniors and seniors majoring in Criminology. Students with CJS 491 credit cannot also receive credit for this course. Prerequisites: COM 100; ENG 101; CRM 151; SOC 100. (Spring).

## **ECO–Economics**

**102. Principles of Economics (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to microeconomic and macroeconomic concepts and tools of economic analysis for application of economic theory in contemporary business. This course will not count toward the major requirements in Accounting, Business Administration or Economics. Course is not open to students with previous credit in either ECO 251 or ECO 252. (Fall, Spring)

**251. Principles of Microeconomics (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of fundamental concepts. Emphasis is placed on decision-making by households as they allocate their resources for maximum satisfaction and by business firms concerning levels of output, employment and prices. Analysis of the role of competition in the free-market, private enterprise economic system. Students may not earn credit for GSB 502 and ECO 251. (Fall, Spring)

**252. Principles of Macroeconomics (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Analysis of economic performance as it affects levels of unemployment and inflation. Emphasis on economic policy activities of the federal government and the Federal Reserve System. Students may not earn credit for GSB 502 and ECO 252. (Fall, Spring)

**330. Public Finance (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of the role of government in a market economy including market efficiency and failure, and government provision of public goods and remediation of externalities. Additional topics include: the application of cost-benefit analysis to governmental programs and an examination of both the expenditure and revenue components of the public sector budget. Prerequisites: ECO 251 and 252 and Junior standing.

**342. Urban and Regional Economics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The purpose of this course is to apply the principles of economics to the study of regions and urban areas. Regional areas will be defined and their economic development studied. Urban areas will be studied from the viewpoint of inefficient resource allocations resulting from externalities, industrial location, land use policies, transportation, housing markets and urban fiscal problems. Prerequisite: ECO 251 and Junior standing.

**344. Environmental and Natural Resource Economics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course applies economic principles to natural resource and environmental issues in society. Economic principles will be used to analyze society's use of limited natural resources. The social welfare criteria of both efficiency and equity will be used to analyze environmental policies directed toward the correction of externalities. Prerequisite: ECO 251 and Junior standing.

**346. Law and Economics (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course applies the principles of economics to the study of law. Economic models of rational behavior can provide insight into law and legal institutions. Areas of law such as property law, contract law, torts and

criminal law will be examined within the context of economic principles. Prerequisite: ECO 251 and Junior standing.

**352. International Economics (G)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the theories of international trade, the functions of international monetary systems and current international economic issues. Emphasis on a practical understanding of the dynamics of international trade.

Prerequisites: C- or better in ECO 251 and 252. (Fall)

**358. Labor Economics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The application of economic theory to the world of work, and the related issues of employment, unemployment and productivity. Topics covered include Human Capital Theory and the impact of labor unions. Prerequisites: ECO 251 and 252 and Junior standing.

**361. Intermediate Microeconomic Theory (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The economics of price theory, including consumer choice, demand, supply, costs of production, resource allocation, competition and the concept of market power. Prerequisites: C- or better in ECO 251 and 252; COM 100 and WRI 101 or Honors Program designation. (Fall)

**362. Intermediate Macroeconomic Theory (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The economic analysis of the overall performance of the economy, including national income accounting, income determination models, fiscal and monetary policies and economic growth. Prerequisites: C- or better in ECO 251 and 252; COM 100 and WRI 101 or Honors Program designation. (Spring)

**364. Economic Development** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Analysis of the economics of countries with low per-capita income and of positive and negative factors bearing on their development. Impact of saving, investment, foreign trade, as well as of population, technology, social and political modernization, will be analyzed. Prerequisite: One course in economics and Junior standing or permission of the instructor.

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Prerequisite: Permission of instructor and Junior standing.

**451. Economics Seminar** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Detailed investigation of one or two topics through application of economic principles previously studied.

Extensive student participation through discussion and oral and written reports. Open to senior Economics majors only. This course meets all the requirements for the senior capstone experience. Prerequisites: ECO 361 and 362 and Senior standing; COM 100; WRI 101.

**452. Independent Study in Economics** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Open to seniors with consent of the instructor. Affords seniors an opportunity to utilize knowledge and economic skills gained from earlier coursework in an independent project. Students should prepare a project proposal during the fall term and submit it to the instructor for approval before registration. Students should anticipate a project equivalent to a 50-page research paper. Prerequisite: Senior standing. (Offered occasionally)

## EDU-Education

**110. Introduction to Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the history and philosophy of education. Incorporates research/study of basic issues in the field of education, roles of the teacher and trends in education. Students are involved in general classroom observation at appropriate grade-levels for career decision purposes. (Fall, Spring)

**217. Children's Literature (R)(W)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is an introduction to the study of literature for children. Emphasis will be placed on analyzing picture books, early readers, middle grade novels, young adult literature, and early adult literature for their aesthetic and literary qualities. Both critical and creative response to children's literature will be explored. Prerequisite: WRI 101. (Spring, even-odd years)

**218. Adolescent Literature (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Emphasis on literature written for adolescents, including a study of and reading from the various genres, how to use literature in the middle and secondary school classroom, how to read for a variety of purposes, reading aloud to students, SSR, reader response theory, censorship, literary elements, evaluating adolescent literature for quality and relevance, choosing a canon of literature and the transactional nature of reading literature. Unit and lesson planning will be required. The Internet will be used to research authors, find and contrast works of literary criticism and locate books for thematic units. Students will be required to read prose and poetry by a wide variety of American and non-American authors. Prerequisite: 2.85 GPA. (Spring)

**220. Principles of Teaching** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The course is designed to help students gain an overview of the effective principles of good teaching as seen through the academic literature and practices of teachers. Candidates will consider the strategies that are available to students to help create a motivated, positive climate for learning. There is a strong emphasis on active, authentic and constructivist planning and learning. Prerequisite: 2.85 GPA, C- or higher in EIS 200. (Fall, Spring)

**225. Introduction to Primary Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course introduces students to evidence-based practices in education. Students will focus on the holistic development of each and every student in the pre-kindergarten to fifth grade classroom and examine

developmentally appropriate practices and essential questions current to the field of education. Course content focuses on the perspectives, characteristics, and dispositions of an effective educator. Students must complete twenty hours of field experience outside of class time. The time in an inclusive classroom enables students to observe, discuss, and apply course content to their understanding of pedagogical philosophies, child development, and developmentally appropriate early childhood practices. Prerequisite: 2.85 GPA and C- or higher in EIS 200. (Fall)

**226. Introduction to Middle Childhood and Adolescent to Young Adult Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduces students to the history, context, and current trends in middle childhood and adolescent to young adult education. Students will examine developmentally appropriate, research-based practices, essential questions, and assessment currently in the educational field related to working with pre-adolescents and adolescents in a variety of settings. Emphasis will be on the developmental characteristics of pre-adolescents and adolescents and how this relates to developing a positive classroom climate suitable for this age range. Perspectives, characteristics, and dispositions of teaching professionals will be explored. Twenty hours of field experience in an inclusive, diverse classroom environment will be conducted throughout the semester to enable students to observe, discuss and apply course content to their understanding of pedagogical and andragogical philosophies, child development and developmentally appropriate practices. Prerequisite: 2.85 GPA and C- or higher in EIS 200. (Fall)

**230. Foundations of Reading** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the theories/models of the process of reading, stages of reading development, the development of literacy, word identification strategies, comprehension theory and instructional strategies, text structure, the reading/writing connection, the role of literature in the classroom, assessment, material selection, organizing and managing reading programs, accommodating needs in multicultural and multiability classrooms. Examination of appropriate software to enhance and reinforce reading skills and use of the Internet for literature and content/curriculum resources is included. Prerequisite: 2.85 GPA, C- or higher in EDU 220, 225 (Primary); EDU 220, 226 (Middle Childhood and AYA). (Fall, Spring)

**310. Introductory Conceptual Methods and Research for Middle Childhood and Adolescent to Young Adult** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students in this course explore curricular and instructional approaches in 6-12 classrooms through the lens of theory and research. Classroom experiences will engage students in inquiry-based learning units where students will link theory to practice. Throughout the semester students will begin the initial process of an action research project by collecting and analyzing evidence-based research to develop a literature review and an appropriate action research question to be further pursued in subsequent semesters. Prerequisites: 2.85 GPA; C- or higher in EDU 226, 230; and EIS 285. (Fall)

**320. Introductory Conceptual Methods and Research for Primary Educators** 3 credit hours. Recitation: 2.6. Laboratory: 0. Alternative Mode: 0.4.

Students in this course explore curricular and instructional approaches in the PreK-5 classroom through the lens of theory and research. Classroom experiences will engage students in inquiry-based learning units where students will link theory to practice. This course has a strong emphasis on content knowledge and experiential learning across the disciplines of science, math, English language arts and social studies. Throughout the semester students will begin the initial process of an action research project by gathering, collecting and analyzing evidence-based research into a literature review. Prerequisites: 2.85 GPA; C- or higher in EDU 225, 230; and EIS 285. (Fall)

**322. Mathematical Literacy and Methods in Primary Education** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

This course will emphasize the development and teaching of equitable, standards-driven, interdisciplinary lessons and assessments that promote curiosity and the maturation of children's mathematical thinking in PreK-5 learning environments. Students will explore how to use drawings, manipulative materials, and other representations to help reveal, discuss, and explain the rationale behind the mathematics in all mathematics content domains as articulated by the CAEP K-6 content standards. Phenomena in math education will be explored through a historical lens, including the impact this has on current state of the field and the future trajectory of math education. There is an additional fee with this course. 25 hours in the field required. Prerequisites: 2.85 GPA; C- or higher in EDU 225, 230; and EIS 285. Corequisite: EDU 323. (Spring)

**323. Scientific Literacy and Methods in Primary Education** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

This course will address the development of scientific understanding in primary education students through engagement in scientific inquiry and reasoning in scientific contexts. Students will not only gain scientific content knowledge, but also understand that science is a set of practices. Essential elements of science and engineering practices will be embedded into experiential learning and real-world problem solving. A pilot study based on students' literature reviews developed in EDU 320 will be implemented. 25 hours in the field experience required. Prerequisites: 2.85 GPA; EDU 225, 230; and EIS 285. Corequisite: EDU 322. (Spring)

**324. Teaching Written Composition (K-12) (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The primary purpose of the course is to provide the pre-service teacher with instruction in teaching writing in the elementary or secondary classroom. Primary emphasis will be on teaching writing as a process. Additional topics to be covered include: methods of teaching writing, writing as a developmental process, forms of

writing, instructional guidelines for teaching writing, goals of writing instruction, teaching writing across the curriculum, integrating writing with literature, evaluating student writing, and examining the impact of technology on both the writing process and instruction. Prerequisites: 2.85 GPA and sophomore status. (Fall, Spring)

**344. Reading to Learn/Content Areas—Early Childhood** 3 credit hours. Recitation: 1.7. Laboratory: 0. Alternative Mode: 1.3.

Emphasis on helping students process and learn from content materials, including understanding text structure, general and specific vocabulary development, comprehension strategies, research in reading, study skills, test taking, assessment and evaluation. Focus will be on reading to learn. Additional emphasis on developing integrated instructional units linking content areas. Students will be expected to use multiple resources to locate literature for each content area and materials/programs to enhance their instruction. The Common Core State Standards in English language arts will be used to plan and implement instruction. (Field experience required). This course is taken by Early Childhood Majors, Intervention Specialist Licensure Candidates who are also getting licensed in Early Childhood. Prerequisites: 3.0 GPA, C- or higher in PSY 101, EDU 321, 322, 323. Corequisite: EDU 345 (except Multi-Age). (Fall)

**345. Advanced Concept and Research Methods in Primary Education** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

Teacher candidates will expand upon the action research they began in EDU 320. Emphasis will be placed upon making interdisciplinary connections, supporting the learning needs of the individual students in the field placement, and implementing research in teaching and learning. An additional student fee is attached to this course. Prerequisites: 2.85 GPA, C- or higher in EDU 322, 323, 324. (Fall)

**346. Advanced Concept and Research Methods in Middle Childhood and Adolescent to Young Adult Education** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

Teacher candidates will expand upon the action research they began in EDU 310. Emphasis will be placed upon making interdisciplinary connections, supporting the learning needs of individual students in the field placement, and implementing research in teaching and learning. An additional student fee is attached to this course. Prerequisites: 2.85 GPA; C- or higher in EDU 322, 323, and 324. (Fall)

**350. Reading to Learn in the Content Area (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course emphasizes tools and techniques to help students process and learn from content materials, including understanding text structure, general and specific vocabulary, comprehensive strategies, forms of discourse, and research in reading. Focus will be on learning to read, reading to learn, and finding and assessing age-appropriate materials and resources. There is an additional fee with this course. Prerequisites: 2.85 GPA, C- or higher in EDU 220. Corequisites: Taken concurrently with one of the following by AYA majors, EDU 366, 376, 386, 396; and two of the following by Middle Childhood majors, EDU 360, 373, 380, 390. (Spring)

**360. Language Arts Literacy and Methods in Middle Childhood** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

Emphasis will be on methods and materials used to teach language arts in grade 4–9. Specific content includes language acquisition, the history of language, English grammar, dialects, levels of usage, purposes of reading, writing, listening, and speaking, and the ways readers respond to literature. A wide variety of literature will be read. With regard to writing, the composing process, forms of writing, and purposes for writing will be covered. Students will also learn how to plan and teach language arts lessons, including writing objectives, choosing instructional strategies and materials, grouping students, applying research findings, and assessing diverse learners. Students will have a middle school field placement. The use of computers to enhance teaching units, locate materials, etc., will be stressed. The Ohio Language Arts Model will be emphasized. 25 hours of field experience required. Prerequisites: 2.85 GPA; C- or higher in EDU 220, 230, and EIS 285. (Spring)

**366. English Literacy and Methods in Adolescent to Young Adult** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

This course will cover both the content to be taught and the pedagogy of teaching English in Adolescent to Young Adult classrooms, including but not limited to: selecting and using materials for diverse learners and learning styles, applying the knowledge base to the language arts, using the Ohio Language Arts Model to frame instruction and assessment, and designing, implementing, interpreting, and reporting on assessment. Students will also become aware of sources of adolescent literature by diverse writers, study the forms of oral and written discourse and their place in the English classroom and learn how to help students read for different purposes and respond to literature. Students will plan and implement lesson and unit plans. Finally, attention will be given to the nature of language and theories of language acquisition. 50 hours of field experience required. Prerequisite: 2.85 GPA; C- or higher in EDU 220. Co-requisite: EDU 350. (Spring)

**370. Internship** 10–15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–15.

This course is open to Education senior students who are no longer pursuing a teaching license or are unable to fulfill the requirements necessary for an Ohio teaching license. Students must complete 10 credit hours of Internship to substitute for Student Teaching and the Seminar in Education. Prerequisites: Senior status; for Early Childhood: EDU 344 and EDU 345; for Middle Childhood two of the following: EDU 360, 373, 380, 390; for AYA one of the following: EDU 366, 376, 386 or 396; for Music MUS 373 and 374.



**373. Social Studies Literacy and Methods in Middle Childhood** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

Methods encouraging concept and generalization development through active participation will be the major focus. The Ohio Social Studies Model provides guidance in what concepts, generalizations, and skills will be developed. Emphasis will be upon developing citizenship skills. Short and long range lesson planning will be developed. Students will be encouraged to use technology to enhance both planning and instructional phases. 25 hours of field experience required. Prerequisites: 2.85 GPA; C- or higher in EDU 220, 230, and EIS 285. (Spring)

**376. Social Studies Literacy and Methods in Adolescent to Young Adult** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

Study of methods appropriate in social studies classes grades 7-12 using the standards of NCSS (National Council of the Social Studies). 50 hours of field experience required. Prerequisites: 2.85 GPA; C- or higher in EDU 220. (Spring)

**380. Mathematical Literacy and Methods in Middle Childhood** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

Focus is upon methods and techniques of teaching math concepts and skills in grades 4 through 9. Emphasis is upon building positive attitudes toward math, on-going formal and informal pupil assessment and the use of active hands-on participation. The Ohio Math Model will provide the concepts and skills for the method development. Short and long-range planning along with the use of materials and technology will be covered. Research of related professional literature is included. 25 hours of field experience required. Prerequisites: 2.85 GPA; C- or higher in EDU 220, 230, and EIS 285. (Spring)

**386. Mathematical Literacy and Methods in Adolescent to Young Adult** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

This course will emphasize developing and teaching equitable, standards-driven interdisciplinary lessons and assessments that promote curiosity and the maturation of adolescents' and young adults' mathematical thinking in 7-12 learning environments. Students will explore how to use mathematical practices to reveal, discuss, and explain the rationale behind the mathematics in all mathematics content domains as articulated by NCTM CAEP Standards for Secondary Mathematics Teachers and Ohio's Learning Standards in Mathematics. Phenomena in math education will be explored through a historical lens, including the impact this has on the current state of the field and the trajectory of the future. 50 hours field experience required. Prerequisites: 2.85 GPA; C- or higher in EDU 220. (Spring)

**390. Science Literacy and Methods for Middle Childhood** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

This course will emphasize developing and teaching equitable, standards-driven interdisciplinary lessons and assessments that promote curiosity and the maturation of middle childhood students' scientific thinking. Students will explore how to use the 5E Learning cycle (Engage, Explore, Explain, Elaborate, Evaluate) to help reveal, discuss, and explain the rationale behind science in all science content domains as articulated in Ohio's Learning Standards in Science. Phenomena in science education will be explored through a historical lens, including the impact this has on the current state of the field and the future trajectory of scientific literacy. 25 hours field experience required. Prerequisites: 2.85 GPA; C- or higher in EDU 220, 230; and EIS 285. (Spring)

**396. Scientific Literacy and Methods in Adolescent to Young Adult** 3 credit hours. Recitation: 2.7. Laboratory: 0. Alternative Mode: 0.3.

This course will emphasize developing and teaching equitable, standards-driven interdisciplinary lessons and assessments that promote curiosity and the maturation of adolescent students' scientific thinking. Students will explore how to use the 5E Learning cycle (Engage, Explore, Explain, Elaborate, Evaluate) to help reveal, discuss, and explain the rationale behind the science in all science content domains as articulated in Ohio's Learning Standards in Science. Phenomena in science education will be explored through a historical lens, including the impact this has on the current state of the field and the future of scientific literacy. 50 hours field work required. Prerequisites: 2.85 GPA; C- or higher in EDU 220. (Spring)

**397, 398. Individual Studies in Education** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3 credit hours.

Individual research and field studies in areas such as remedial reading, comparative education, gifted/talented, post-secondary education, special education and experimental approaches to instruction and learning. Each study is subject to the approval of the departmental head. May be scheduled for a maximum of six hours per semester.

**414. Diagnosis of Reading Difficulties** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course focuses on the skills and knowledge that classroom teachers need to be able to diagnose students' reading difficulties. Reading strategies for struggling readers will be a component of this course. Additionally, the course will provide students with the opportunity to plan/implement a remedial program that is appropriate for a disabled reader. A case study approach will be used and students will receive ample opportunities to apply the skills learned. Prerequisites: 2.85 GPA, C- or higher in PSY 101, EDU 230, EIS 285. (Fall, Spring)

**416. Seminar in Student Teaching** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to help students integrate principles of teaching with previous coursework and field experiences and to discuss and reflect upon their experiences in student teaching as they assume the role of



teacher. Effective strategies for building strong collegial relationships and resolving interpersonal conflicts are developed and discussed. Professional collaboration strategies such as team teaching and working with paraprofessionals and volunteers are explored. Preparation and submission of the edTPA is a central focus of the course. Sharing and problem-solving around classroom management, professionalism, planning, instruction, legal issues, and position procurement are also addressed. Prerequisites: 2.85 GPA, C- or higher in whichever of the following courses apply to licensure area: EDU 345 (Primary); 350, 360, 373, 380, 390 (Middle); 366, 376, 386, 396 (AYA); MUS 373, 374 (Music). Taken concurrently with EDU 426, 427, 428, 429 or 430. (Spring)

**425. Multicultural Literature (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course will examine the use of multicultural children's literature in early and middle childhood classrooms, to promote cultural understanding and affirm the value of diversity in a global society. There will be a strong emphasis on the selection of authentic literature which presents an accurate portrayal of various ethnic groups including but not limited to, African-American, Latino, Asian, and Native American cultures. Theoretical and historical perspectives of multicultural literature, as well as current trends, issues, and controversies will be explored. Open to juniors and seniors. (Spring, odd-even years)

**426. Student Teaching: Primary Education** 5 or 10 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 5 or 10.

Placement with a qualified teacher and university supervisor in an appropriate classroom setting\* for a minimum of 12 full weeks. NOTE: When a primary education major is adding an intervention specialist license, this course will be reduced to 5 hours and will be for a minimum of 6 full weeks. Actual participation in classroom activities on a daily basis is the emphasis. Planning, organizing, instruction, and evaluating are key elements. Developing overall classroom management skills, professionalism, cooperative staff relations, and strong work ethic are key elements. Senior level only. No other course work is to be taken during the Senior Block and the 12 full weeks of student teaching.

\*Appropriate classroom setting is defined as one that meets the learned society guidelines for early childhood. The primary education candidate is required to have experience with both preschool and primary level students in an inclusive setting. Placement will be dependent upon a student's prior field experiences in EDU 345. There is an additional fee with this course. Prerequisites: 2.85 GPA, C- or higher in EDU 345. Must earn state passing scores on all state mandated tests required for the licensure area. Corequisite: EDU 416. (Fall, Spring)

**427. Student Teaching: Middle Childhood Education** 5 or 10 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 5 or 10.

Students will be placed with a qualified mentor teacher and university supervisor in a grade 4-9 classroom setting for a minimum of 12 full weeks. NOTE: for students pursuing an additional license as an intervention specialist this course is reduced to 5 hours and will be for a minimum of 6 full weeks. Students are expected to maintain all responsibilities of the mentor teacher including developing and implementing all instructional assessment experiences, overall classroom management, and participating in professional activities. Students will complete and formally submit the edTPA (Education Teacher Performance Assessment) during this course. There is an additional fee with this course. Prerequisites: 2.85 GPA, C- or higher in EDU 350, and whichever two courses apply to area of licensure; EDU 360, 373, 380, 390. Must earn state passing scores on all state mandated tests required for the licensure area. Corequisite: EDU 416. (Spring)

**428. Student Teaching: Adolescent-Young Adult Education** 5 or 10 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 5 or 10.

Students will be placed with a qualified mentor teacher and university supervisor in a grade 7-12 content specific classroom setting for a minimum of 12 full weeks. NOTE: for students pursuing an additional license as an intervention specialist this course is reduced to 5 hours and will be for a minimum of 6 weeks. Students are expected to maintain all responsibilities of the mentor teacher including developing and implementing all instructional assessment experiences, overall classroom management, and participating in professional activities. Students will complete and formally submit the edTPA (Education Teacher Performance Assessment) during this course. There is an additional fee with this course. Prerequisites: 2.85 GPA, C- or higher in EDU 350 and whichever course applies to area of licensure: EDU 366, 376, 386, and 396. Must earn state passing scores on all state mandated tests required for the licensure area. Corequisite: EDU 416. (Spring)

**429. Student Teaching: Intervention Specialist** 5 credit hours. Recitation: 0s. Laboratory: 0. Alternative Mode: 5. Students will be placed with a qualified mentor teacher and university supervisor in a special education or inclusive classroom setting for a minimum of 6 full weeks. Students are expected to maintain all responsibilities of the mentor teacher including developing and implementing all instructional assessment experiences, overall classroom management, and participating in professional activities. Students will complete and formally submit the edTPA (Education Teacher Performance Assessment) during this course. There is an additional fee with this course. Prerequisites: 2.85 GPA, C- or higher in EDU 350, and whichever of the following apply to licensure area: EDU 345 (Primary), 360, 373, 380, 390 (Middle); 366, 376, 386, 396 (AYA). Corequisite: EDU 416. (Spring)

**430. Student Teaching: Multi-Age** 5 or 10 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 5 or 10. Students will be placed with a qualified mentor teacher and university supervisor in a music education classroom setting for a minimum of 12 full weeks. NOTE: for students pursuing an additional license as an intervention specialist this course is reduced to 5 hours and will be for a minimum of 6 full weeks. Students are expected to maintain all responsibilities of the mentor teacher including developing and implementing all instructional assessment experiences, overall classroom management, and participating in professional activities. Students will complete and formally submit the edTPA (Education Teacher Performance Assessment) during this course. There is an additional fee with this course. Prerequisites: 2.85 GPA; C- or higher in EDU 350;

A grade of "P" in MUS 092, Piano Proficiency, MUS 373, 374 for Music. Must earn passing scores on all state mandated tests required for the licensure area. Corequisite: EDU 416. (Spring)

## **EIS-Intervention Specialist Licensure**

**200. Human Growth and Development** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Explores the principal aspects of human growth and development including the social, emotional, cognitive and physical development from birth through adolescence. Additionally, associated learning theories in relation to the age level characteristics will be discussed. Prerequisite: C- or higher in EDU 110 or MUS 110. (Fall, Spring)

**272. Introduction to Special Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The art and science of teaching individuals with exceptional needs will be explored through self-awareness activities, readings, and conversations with students with disabilities, their teachers, and parents. Principles and theories, relevant laws and policies, and diverse and historical points of view will be examined. Human issues that have historically influenced the field of special education and society's view of individuals with disabilities will be discussed. A wide variety of educational worldviews, pedagogical methods, and practices will be introduced and critiqued. Students will use this knowledge as a ground upon which to construct their own personal understandings and philosophies of special education. Prerequisites: 2.85 GPA, C- or higher in EDU 220. (Spring)

**273. Building Positive Classroom Support Systems** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The focus of this course is helping children develop positive social behaviors and habits that enable them to build relationships and achieve academic and social success. While children are born with intellectual capability, personality, and potential, intentional guidance and structure are required to ensure that they develop skills for healthy socio-emotional well-being. Teacher candidates will explore theory, observe student behavior, and develop plans for supporting positive behaviors, preventing negative ones, and remediating behaviors that hinder student achievement. 20 hours of field experience is required. Prerequisites: 2.85 GPA, C- or higher in EDU 220. (Spring)

**279. Prescriptive Assessment and Diagnosis for Intensive Instruction** 3 credit hours. Recitation: 2.8. Laboratory: 0. Alternative Mode: 0.2.

This course will introduce educational assessment methods and procedures used in decision making and program planning for students with exceptional learning needs and from culturally or linguistically diverse backgrounds. Candidates will select, administer, and interpret norm-referenced and criterion-referenced assessments. Discussion of alternative assessment options will be integrated throughout this course. Basic inferential statistical concepts will be introduced and reviewed in the initial five weeks. Candidates will learn how to improve teaching practice and modify curriculum to meet student needs through the strategic use of both standardized and curriculum-based assessment data. Specific attention will be paid to interpretation of assessments conducted in multifactorial evaluations (MFE) and their use in developing individual education programs (IEP). Candidates will observe student behavior during test administration and analyze results of assessments. Field experience working with students receiving specially designed instruction is a required element of the course. Prerequisites: 2.85 GPA; C- or higher in EDU 220. For ISP candidates only. (Fall)

**281. Assessment and Grading for Equity in Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Research and theory of assessment and grading practices from both historical and current perspectives will be explored in this course. Students will analyze and question current assessment and grading practices through an equity lens, as practice is compared to research in this area. To evaluate and report student learning and engage learners in their own growth, students will apply research to the construction of multiple methods of assessment aligned to P-12 content standards. Students will analyze and interpret formative and summative classroom assessments as they monitor learner progress and guide instructional decision making for whole class and individual learners. Students will also explore and research current testing of P-12 students and the impact this has on teaching practices and student learning. Prerequisites: 2.85 GPA; C- or higher in EIS 200. (Fall, Spring)

**285. Phonics/Word Identification** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Rationale and approaches for teaching phonics will be emphasized as will stages in decoding, phonic elements, phonemic awareness, instructional strategies, and scope and sequence of phonics instruction. Other word identification strategies to be taught include context clues, sight words, and structural and morphemic analysis. Assessment and evaluation of word identification strategies will be targeted. Required field experience. Prerequisites: 2.85 GPA, C- or higher in EDU 220. Corequisite: EDU 230. (Fall, Spring)

**320. Family Systems/Social Issues** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Explores the sociocultural context of the family, school and community as pertinent influences on learning and essential to the role of the teacher, paraprofessional or any professional working with children and their families. Emphasis will be on the cultural, linguistic, and ability diversity of children, families, and communities, and intentional research based practices for effective family and community partnerships are included to assist students in establishing a deeper awareness of family systems, effective home/school communication and collaborative practices. Students will recognize their essential role in effective partnerships and communication with families. This course supports teacher candidate's respect for diversity

and anti-biased approaches, awareness of public policy and advocacy issues; and methods for supporting diverse learners and their families. Prerequisites: 2.85 GPA, and C- or higher in EDU 230. (Fall)

**350. Curriculum and Instructional Methods for Students with Mild/Moderate Disabilities** 3 credit hours. Recitation: 2.8. Laboratory: 0. Alternative Mode: 0.2.

This seated course provides the learner with knowledge and skills in assessing, planning, organizing, implementing, and evaluating instruction based on knowledge of the student, intended student outcomes, and English language arts and mathematics curricula. The course focuses on the needs of students with mild to moderate disabilities, including students with disabilities from diverse linguistic and cultural backgrounds. Topics include student characteristics, linking instruction with assessment, research-based methods and strategies, curriculum standards, accommodations, and modifications to support student access to the general education curriculum. This course has an additional fee. 25 hours of field based experience is required. Prerequisites: 2.85 GPA, C- or higher in EIS 272. For ISP candidates only. (Fall)

**471. Communication, Coordination, and Collaboration in Special Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

In order to provide high quality, specially designed instruction to students with mild/moderate disabilities, intervention specialists need to communicate and collaborate with a number of professionals from diverse disciplines. Teacher candidates will focus on effective strategies for developing respectful reciprocal relationships with their general education peers, initiating and maintaining culturally responsive communication with families, and coordinating specially designed instruction and related services both within the school setting and with outside agencies. Teacher candidates will also develop effective strategies for working with community partners to facilitate students' transition from school to post-secondary life and career. Prerequisites: 2.85 GPA, C- or higher in EIS 350. (Spring)

**473. Supporting Improved Outcomes for Individuals with Exceptional Educational Needs** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Individuals with exceptional learning needs often face environmental, legal, and cultural barriers that prevent them from meeting appropriately high educational and career expectations. This course will focus on current research on and teacher advocacy for resources and learning conditions that enable individuals to meet their educational, behavioral, social, and career goals. Teacher candidates will demonstrate awareness of their implicit biases and students' multiple identities and actively engage in a process of mitigating bias and removing barriers for their students. Prerequisites: 2.85 GPA, C- or higher in EIS 350. (Fall)

## **ELI-English Language Institute**

**011. Level I: Low-Intermediate Level Speaking and Listening** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction in communicative competence needed for everyday living and academic life: conversation, role-playing, oral presentation and listening skills, learning and practicing syntactic patterns of speech. This course meets four times a week for course content and guided practice.

**012. Level II: Intermediate Level Speaking and Listening** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction in communicative competence needed for academic life and academic coursework: conversation, discussion, role-playing, oral presentation and listening skills. The laboratory is a pronunciation workshop which concentrates on hearing and producing American English sounds and on learning and practicing syntactic patterns of speech. This course meets four times a week for course content and guided practice.

**031. Level I: Low-Intermediate Level Reading** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction and practice of reading strategies: previewing, questioning, reciting, and vocabulary development. Development of text comprehension include skills such as guessing vocabulary meaning, determining fact from opinion and understanding inferred meaning. This course meets four times a week for course content and guided practice.

**032. Level II: Intermediate Level Reading** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction and practice of reading strategies: previewing, questioning, reciting and vocabulary development. Development of text comprehension include skills such as guessing vocabulary meaning, prediction, determining fact from opinion, inference, summary. This course meets four times a week for course content and guided practice.

**041. Level I: Low-Intermediate Level Writing** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction and practice in basic writing processes: pre-writing, outlining, drafting and editing. Course focuses on paragraph structure and small essays, and includes journal writing, grammar reinforcement, and vocabulary development. The writing laboratory is designed to give the student the opportunity to practice writing and complete the class assignments. Laboratory work includes one weekly training session in computer keyboard and word processing. This course meets four times a week for course content and guided practice.

**042. Level II: Intermediate Level Writing** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Practice in basic writing processes: pre-writing, outlining, drafting, editing, and instruction and practice of various types of development, such as narrative, comparison/contrast and classification. Course focus is on essay writing, and includes journal writing, grammar reinforcement and vocabulary development. This course meets four times a week for course content and guided practice.

**051. TOEFL Preparation Level I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction in test-taking strategies for all sections of the TOEFL, with an emphasis on the listening comprehension and sentence structure portions of the test.

**052. TOEFL Preparation Level II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction in test-taking strategies for all sections of the TOEFL, with an emphasis on reading comprehension and vocabulary development.

**070. Special Topics for ESL** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The topics concern areas not commonly stressed in other department courses. The course will be offered in response to student demand and within the confines of faculty time. This course meets five times a week for course content and guided practice.

**130. Level III: Academic Skills: High-Intermediate Speaking and Listening** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction in communicative competence needed for academic life and academic coursework: conversation, discussion, role playing, oral presentation, listening skills, and learning and practicing syntactic patterns of speech. This course meets four times a week for course content and guided practice.

**131. Level III: Academic Skills: Study Skills Advanced Level** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction in learning strategies and study skills used in academic classes such as time management, reading strategies, textbook annotation, outlining, note taking, etc.

**132. Level IV: Academic Skills: Advanced Speaking and Listening** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction in listening and speaking skills needed for academic coursework, such as note taking from lectures, oral presentation and discussion and asking questions. Strategies for improving such skills are developed through a content-based approach, using guest speakers, current events and other material appropriate to academic study. This course meets four times a week for course content and guided practice.

**133. Level IV: Academic Skills: Study Skills 2** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction in learning strategies and study skills used in academic classes with an emphasis on reading news and current events, critical thinking skills, and integrated skills (reading, listening, and writing). Prerequisite: ELI 131 or by permission of instructor.

**141. Level III: Academic Skills: High-Intermediate Level Writing** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction in writing for academic purposes. Includes prewriting, drafting, revising, vocabulary development and grammar reinforcement. The course focuses on the essay, short paper and accompanying research. The writing laboratory is designed to give the student the opportunity to practice writing and complete the class assignments. Computer word processing is included in the laboratory sessions. This course meets three times a week for course content and guided practice. Prerequisite: ELI 041 and ELI 042, or permission of the HELI Director in conjunction with the HELI Placement Committee.

**142. Level IV: Academic Skills: Advanced Level Writing** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode Guided Practice: 0.

Instruction in writing skills and processes needed for academic class work. Includes prewriting, drafting and revising of the essay, vocabulary development and grammar reinforcement. The course focuses on essay and paper writing, and includes a research paper as part of the final requirement. The writing laboratory is designed to give the student the opportunity to practice writing and complete the class assignments. Computer word processing is included in the laboratory sessions. This course meets three times a week for course content and guided practice. Prerequisite: ELI 141, or permission of the HELI Director in conjunction with the HELI Placement Committee.

## **ENG-English**

**290. Sophomore Studies in English** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Exploration of learning opportunities in the major, learning experiences outside the classroom, career and graduate-school opportunities, and the English major portfolio. Prerequisites: English majors. (Fall).

**369. Practicum** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

An on-campus work experience involving research and writing, supervised by a faculty member of the English Department. Students may earn no more than 6 hours credit. Permission of the English Department Chair required for registration. (Fall, Spring)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Prerequisite: Departmental permission required.

**371, 372. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Before registration, the student must have the consent of an English professor/supervisor and junior standing or above.

**471, 472. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Before registration, the student must have the consent of an English professor/supervisor and senior standing.

**475-476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

See Departmental Honors, described elsewhere in this catalog. The student must be an English major who has completed 21 hours in English beyond 101.

**490. Senior Capstone in English** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Completion of a Major Capstone Project relevant to the student's literature or writing major. Compilation and revision of materials for inclusion in a Major Portfolio. Required of all English majors. Prerequisites: English majors and Education Majors: AYA (Language Arts); C- or better in at least 18 hours of English courses beyond ENG 101 (including LIT 291); and COM 100. (Fall)

## **ENS-Environmental Science**

**101. Introduction to Environmental Science (N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the relationships between air, soil, water, rock, and life, with emphasis on human interactions in these systems, and how society deals with the major environmental concerns: population growth, air and water pollution, wastes, loss of wildlife, fuel and mineral resources, climate change. Students will develop skills in observation, scientific method, and critical scientific inquiry. Students electing this course to meet their General Education requirement for laboratory science must take both ENS 101 and ENS 101L in the same semester. (Fall, Spring)

**101L. Environmental Science Laboratory (L)** 1 credit hour. Recitation: 0 Laboratory: 1. Alternative Mode: 0.

This course is the laboratory complement to ENS 101 Introduction to Environmental Science. The weekly exercises allow students to more fully explore some of the important concepts discussed in the lecture. The laboratory must be taken concurrently with ENS 101. (Fall)

**234. Ecology (R)(W)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

An investigation of the ways living organisms interact with each other and their physical environments. Topics include adaptations of individuals to environmental stress, the structure and growth of populations, competition, predation, community ecology and the flow of energy and nutrients through ecosystems. The lab introduces students to experimental ecology. Three recitations and one 3-hour laboratory period per week. Students with credit for ENS 334 will not receive credit for ENS 234. Prerequisites: BIO 124 and a statistics (MTH 119 or 312) course; COM 100; WRI 101. (Fall odd-even years)

**300. Issues in Environmental Science (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will improve their written and oral communication skills by investigating topical and current issues in environmental science. Instructors will emphasize relationships between traditional academic fields for concerns related to population growth, natural hazards, and pollution and waste in the bio-, hydro-, litho-, and atmospheres. Topics will focus on areas of student interest in preparation for research and internship experiences. Prerequisites: ENS 101; BIO 124; COM 100; GEO 101; CHM 111; PHY 101; WRI 101. (Fall)

**310. Soils** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This course introduces students to fundamental concepts of soil physical, chemical, and biological properties, the ecological processes and systems they support, and management practices with emphasis on the role soils play in water, rock, and nutrient cycling. Laboratory will occur both inside and in the field. Prerequisites: MTH 121 and one of the following: GEO 101, BIO 124, CHM 111. (Fall of even-odd years)

**315. Climate** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course investigates Earth's atmosphere, oceans, ice, and physical processes that make the planet habitable for life. Topics include both paleoclimate reconstruction techniques and computer modelling predictive strategies to define what the climate has been and what the most likely future will be. Prerequisites: C- or better in MTH 121, ENS 101, and CHM 111 and 112. (Spring, even-odd years)

**320. Ecosystem Services** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course focuses on the definition, measurement, monetization, degradation and restoration of ecosystem services. From the direct provisioning of food and water to the aesthetic value of natural systems, students will explore how policy and economics interact with ecology to value and utilize this "natural capital". Theoretical and practical concepts will be reinforced with student-led case studies, and short trips to visit real-world applications of class concepts, with a focus on northwest Ohio, and the influence of Lake Erie. Prerequisite: BIO 124 (Fall, odd-even years).

**334. Ecology (R)(W)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

An investigation of the ways living organisms interact with each other and their physical environments. Topics include adaptations of individuals to environmental stress, the structure and growth of populations, competition, predation, community ecology and the flow of energy and nutrients through ecosystems. The lab introduces students to experimental ecology. Students with credit for ENS 234 will not receive credit for ENS

334. Prerequisites: BIO 123, 124 and a statistics course; COM 100; WRI 101. Open to juniors and seniors only. (Fall, odd-even years)

**361. Environmental Law and Politics (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is an interdisciplinary examination of the way ecological science and values translate into public policy. It also explores the intersection with political, economic, and legal institutions, behavior, and thought. (Spring of even-odd years)

**370. Internship in Environmental Science (W)** 0-4 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0-4.

This course gives junior and senior Environmental Science majors an opportunity for academically related work experience outside the usual university environment. The internship should enhance the student's intellectual development through the application of knowledge. The program may not be totally observational. Supervised site and schedule must be determined by the student with ENS committee approval. Prerequisites: ENS 392 or approval of the ENS committee. (Fall, Spring)

**393. Environmental Science Research** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

An independent study course featuring special laboratory and/or field work for advanced students. The work must be arranged prior to registration, in consultation with an instructor. A formal written proposal of the expected project is required before registration. Experiments and/or field observations will be completed and results analyzed and graphically portrayed. A technical report will be written including a survey of relevant scientific literature. One weekly conference and a minimum of three hours of lab or field work per week for each hour of credit. Prerequisites: ENS 101, 101L, junior or senior standing, or permission of instructor.

**425. Advanced Topics in Environmental Science** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Selected advanced topics in environmental sciences. Current scientific literature is used for a source of information. This course may be repeated once under a different subtitle. Prerequisites: C- or better in MTH 121, BIO 124, ENS 101, CHM 111 and 112; junior or senior standing or permission of the instructor. (Fall, even-odd years)

**490. Capstone in Environmental Science and Sustainability** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course is required of all Environmental Science and Sustainability majors. Students will design and conduct an independent research project that expands on ideas or projects covered in one of the upper level major courses. Students will share both literature, field, and lab results in seminar format, culminating in a final research paper and oral presentation. This course fulfills the Senior Capstone requirement. Corequisite: one of the following ENS courses: 310, 315, 320, 425.

## ESS-Exercise Science

**050x. Intercollegiate Sport Activity (P)** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This is a sport, non-academic course; however, one session may be used to complete one Personal Health and Wellness general education requirement in the activity section. Students cannot earn credit hours for this course and HHP 050x credit.

050A Baseball	050N Women's Tennis
050B Women's Basketball	050P Women's Track
050C Men's Basketball	050Q Men's Track
050D Women's Cross Country	050R Wrestling
050E Men's Cross Country	050S Women's Volleyball
050F Football	050V Men's Tennis
050G Women's Golf	050W Women's Softball
050H Men's Golf	050X Women's Lacrosse
050I Women's Soccer	050Y Men's Lacrosse
050K Men's Soccer	

**100x. Activity Classes (P)** Designed to educate students on the history, trends, rules and strategies of each sport/activity. Focus will be on the basic physical fundamentals of the sport/activity. Two semester hours are permitted to count towards the 120 credit hour graduation requirement. Students cannot earn credit hours for this course and HHP 100(A-N) credit.

100A Lifetime Activity: Bowling. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100B Lifetime Activity: Golf. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100C Lifetime Activity: Racquetball. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100D Lifetime Activity: Archery. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100E Lifetime Activity: Badminton. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100F Lifetime Activity: Tennis. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100G Lifetime Activity: Jogging. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100H Lifetime Activity: Weight Training. 0.5 credit hours. Recitation: 0.5. Laboratory: 0. Alternative Mode: 0.

100I Lifetime Activity: Aerobics. 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

100J Lifetime Activity: Scuba Diving. 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

There is an additional fee with this course.

100K Lifetime Activity: Ballroom Dancing. 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

There is an additional fee with this course.

100L Lifetime Activity: Latin Dancing. 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.



100N Lifetime Activity: Karate. 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.  
There is an additional fee with this course.

**101. Emergency Care** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course is designed to teach students how to respond to various emergency medical situations. It includes professional training in first aid techniques, splinting, Cardiopulmonary Resuscitation (CPR), Automated External Defibrillation (AED), and methods to prevent disease transmission for allied health care professionals. This course explores various methods used to manage acute injuries and illness common to the physically active population including incorporating hands-on training in the implementation of emergency care techniques. There is an additional fee with this course. Prerequisite: ATR, ESC, HSC majors.

**102. Foundations in Exercise Science** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This entry level course provides information in selected fields of exercise science and other related health science disciplines including: exercise physiology, biomechanics, motor control, exercise testing and prescription, nutrition, and sport psychology. This course is designed to introduce students to the field of exercise science and to prepare students for a career in related fitness, health, and health care professions. (Fall, Spring)

**103. Strategies for Fitness and a Healthy Lifestyle (P)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course is designed to educate students on the development of strategies for adopting a healthy lifestyle. Topics include physical fitness components, exercise, nutrition, and stress management. Self-assessment of various components of fitness and health practices is a focus. Students cannot earn credit hours for this course and HHP 103 credit.

**116. Health and Wellness (P)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

The study of personal health and wellness issues. The course will present the holistic approach to wellness. Topics include mental health, physical fitness, infectious diseases, human sexuality, environmental influences, nutrition, dying and death, cancer and heart disease. In addition, students will develop skills in information retrieval using a variety of technological resources. Students cannot earn credit hours for this course and HHP 116 credit. (Fall, Spring)

**203. Coaching Techniques** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Detailed study of the philosophy and psychology of coaching competitive athletics with particular attention to motivation, problems in dealing with athletics, problems facing athletes and research findings in specific sports. Students cannot earn credit hours for this course and HHP 203 credit. (Fall)

**204–209. Teaching of Sports** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Courses are designed to provide students with the basic knowledge necessary to construct and teach a unit on the sport in a physical education class. Content to include basic fundamentals in skills, rules and strategies. Students cannot earn credit hours for this course and HHP 204–209 credit.

204. Teaching of Basketball	206. Teaching of Soccer	208. Teaching of Track and Field
205. Teaching of Volleyball	207. Teaching of Softball	209. Teaching of Tennis

**211. History of Sport and Fitness (R)(W)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

The study of the historical and philosophical development of sport and fitness from ancient civilizations to the modern world. Students cannot earn credit hours for this course and HHP 211 credit. (Fall)

**212. Group Fitness Leadership** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Course is to focus on design, method and motivational techniques of group exercise. Fitness and functional exercise will both be integrated into the course. A variety of exercise programming will be introduced. Prerequisite: ESS 102. Students cannot earn credit hours for this course and HHP 454. (Fall)

**230. Introduction to Sport Management** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

An introduction into the scope and fundamentals of sport management. Topics, specific to the sport industry, will include career opportunities, human resource management, policy, facility management, marketing and finance. Students cannot earn credit hours for this course and HHP 230 credit. (Fall, Spring)

**240. Community Health** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Designed to provide students with direction and answers in the field of community health. Course will focus on health issues in the community such as drug abuse, nutrition, environmental health, violence prevention and disease. The course also addresses appropriate responses to problems related to these issues. In addition, needs assessment, program planning, implementation and evaluation will be addressed. This course is not open to students with credit in HHP 050x credit. Prerequisites: ATR, ESS, HSC, SPO majors; Wellness minor; others by permission. Students cannot earn credit hours for this course and HHP 240 credit. (Spring)

**250. Health, Nutrition, Safety: Early Childhood** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Integration of topics related to health, nutrition and safety via developmentally appropriate learning experiences within the early childhood curriculum is the focus. Safety at school and in the home and community is developed in all areas of instruction along with nutritional needs and first aid. Appraisal and reporting procedures of health conditions and in relation to child abuse and neglect will also be addressed. This course is required of all students in the Early Childhood Licensure program. Prerequisite: Sophomores or higher; EDU 225. Students cannot earn credit hours for this course and HHP 250 credit. (Fall)



**302. Administration and Organization of Physical Education** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Study of organizing and implementing a physical education program in elementary and secondary schools and colleges. Management, coordination and scheduling of physical activities as well as legal liability will be examined. Prerequisite: Junior or Senior Standing; COM 100; WRI 101. Students cannot earn credit hours for this course and HHP 302 credit. (Spring)

**303. Facility and Event Management** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Designed to provide an overview of sports facility and event management. Planning, design, operation, maintenance, security, scheduling and risk management are presented. Prerequisite: ESS 211; Junior standing. Students cannot earn credit hours for this course and HHP 303 credit. (Spring)

**306. Nutrition (P)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Principles of basic nutrition and nutritive needs in successive stages of life with special application for EXC majors, future coaches and athletes. Prerequisites: Sophomore standing or first year NRS majors; ATR, ESS, HSC, SPO majors; Wellness minor; others by permission. Students cannot earn credit hours for this course and HHP 306 credit. (Spring)

**307. Nutrition II** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Students will develop a deeper knowledge of nutrition. Application skills for individuals, groups and organization will be presented. Prerequisite ESS 306. Students cannot earn credit hours for this course and HHP 307 credit. (Fall)

**311. Exercise Testing and Prescription** 4 credit hours. Recitation: 4. Laboratory: 0. Alternative Mode: 0.

This course will introduce the proper assessment, interpretation, and application of various exercise tests and then prescribe an appropriate exercise program to meet the needs of a client. This course will emphasize fitness assessment and exercise program design principles for cardiovascular fitness, muscular strength and endurance, and body composition, for apparently healthy individuals. Practical experience in a variety of diagnostic fitness testing is integral to the course. Prerequisite: ATR 213; ESS 102. (Fall)

**312. Exercise for Special Populations** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to increase the understanding and practical application of exercise to special populations. The students will learn and apply knowledge on how to modify exercise for individuals and groups based on age, medical conditions, and special needs. The areas covered will include but are not limited to: coronary heart disease, diabetes, asthma, obesity, pregnancy, physically and mentally challenged. There is a field experience requirement. Prerequisite: ESS 311. (Spring)

**313. Measurement and Evaluation in Health and Physical Education** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A functional approach to tests and measurements in health and physical education designed to promote teacher understanding, utilization and interpretation of test results. In area of Health, emphasis will be on appropriate data gathering instruments including survey techniques. The focus in Physical Education will be on evaluating learners using criterion-referenced and norm-referenced gross motor skills. Students cannot earn credit hours for this course and HHP 313 credit. (Fall)

**315. Legal Aspects of Sport (R)(W)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Designed for the sport management major to include major legal areas in the sport setting. Prerequisite: ESS 211; Junior standing. Students cannot earn credit hours for this course and HHP 315 credit. (Spring)

**316. Sport and Society (R)(W)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Explores the dynamic relationship of sport, culture and society. Prerequisite ESS 211; Junior standing. Students cannot earn credit hours for this course and HHP 316 credit. (Spring)

**317. Early Movement Experiences** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course concentrates on developmentally appropriate practices in movement education for early learners, ages 3-5. Included in the topics is the assessment of gross motor skills of this population. Students cannot earn credit hours for this course and HHP 317 credit. (Fall)

**326, 327. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Topics may be chosen from the fields of exercise science and sport management. A formal written proposal of course work, approved by the instructor, is required before registration. Course is available within the confines of faculty time. Open to juniors and seniors. Permission of Department Chair is required. Students cannot earn credit hours for this course and HHP 326, 327 when the topic is the same.

**339. Teaching of Dance and Gymnastics** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Course content is designed to provide the students with the knowledge and skills necessary to teach dance forms and gymnastics in physical education class. Students cannot earn credit hours for this course and HHP 339 credit.

**350. Practicum** 1-6 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-6.

On campus work experience supervised by a member of the department. Course may be repeated but students may not earn more than a total of 6 credit hours. Permission of Department Chair required. Prerequisite: Junior standing or higher. Students cannot earn credit hours for this course and HHP 350 credit. (Fall, Spring)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Practical experience in setting outside the university. Requires departmental approval of the organization in which the internship will be done and departmental approval of the specific experience gained. Prerequisite: Junior standing. (Fall, Spring)

**391. Professional Practice in Exercise Science (R)(W)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Students will be exposed to knowledge, skills and desired characteristics of entry level positions in exercise and wellness. Topics will include responsibilities, professional development, national and state regulatory agencies, professional standards and national certification examinations. Students will prepare a research proposal in an area of related interest in preparation for research in the Senior Capstone course. Portfolio development and interviewing skills will be addressed. Prerequisite: EXC majors; Junior standing. (Spring)

**488, 489. Special Topics in Exercise Science** 1-3 credit hours. Recitation: 1-3. Laboratory: 0. Alternative Mode: 0.

Course on special topics in exercise science or sport management. Offered in response to student demand or faculty interest and within the confines of faculty time. Open to juniors and seniors. Students cannot earn credit hours for this course and HHP 488, 489 when the topic is the same.

**490. Capstone in Sport Management (R)(W)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

A capstone course designed to review and synthesize knowledge and experience from previous coursework in the major. Assessment of the students' knowledge of history, issues, problems, and trends will be a focus. A major research project is required. Prerequisite: Senior SPO major; COM 100; WRI 101. (Spring)

**491. Capstone in Exercise Science (R)(W)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Students will conduct original research utilizing background developed in the Professional Practice in Exercise Science. Students will be given assignments to encourage reflection on coursework throughout the major and evaluate career goals. This course will serve as the capstone experience for the major. Prerequisite: ESS 391; Senior status. (Fall)

## **FIN-Finance**

**301. Corporate Finance** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to a variety of techniques and applications of modern financial theory to the main decision faced by the financial manager. Fundamentals of financial analysis, working capital management, capital budgeting, and investment and financing decisions. Prerequisite: C- or better in BAE 101; ACC 190 or ACC 201, ECO 102 or ECO 251 & ECO 252, MTH 119. Students may not earn credit for both GSB 501 and FIN 301. (Fall, Spring)

**330. Intermediate Corporate Finance (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The application of financial theory to corporate finance. Prerequisite: C- or better in FIN 301. (Spring)

**350. Financial Markets and Institutions** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A detailed examination of financial markets and the institutions that operate within them. Topics covered include a survey of various financial intermediaries and the important impact they have on level of aggregate economic activity, fund flows, structure of markets, and the management of financial institutions. (Fall)

**355. International Finance (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course provides a framework for analyzing corporate financial decision making from the perspective of the management of a multinational corporation and presents a detailed analysis of tools and techniques for international financial management. It covers international financial instruments, markets, and institutions. Focus is placed on exchange rate determination, balance of payments, the international monetary system, the international parity conditions, international capital asset pricing, hedging derivatives, and various exposure measurements. Prerequisites: Declaration of any business concentration and junior or senior standing.

**430. Investments** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the basic principles and fundamentals of investments necessary to appraise the risk-return profile, valuation, and suitability of securities for investment. Prerequisite: Declaration of any business concentration. Completion of FIN 301 with a C- or better. (Spring)

## **FRN-French**

**101. Elementary French** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A sequence course introducing to the basic structures and vocabulary of the French language, including colloquial French expressions, as well as culture. All four skills are addressed: listening, speaking, reading and writing.

**102. Elementary French** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The second sequence course of the basic structures and vocabulary of the French language, including colloquial French expressions, as well as culture. All four skills are addressed: listening, speaking, reading and writing. Prerequisite: French 101 or placement into FRN 102.

**201. Intermediate French** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course continues the study of French language and culture at an intermediate level. A grammar review is included. Prerequisite: French 102 or placement into FRN 201.

**202. Intermediate French** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is the second sequence at the intermediate level with emphasis on the study of French language and culture. A grammar review is included. Prerequisite: French 201 or placement into FRN 202.

## GEO–Geology

**101. Physical Geology (N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Comprehensive introductory course covering geological concepts including Earth materials and the processes that affect them. Survey of minerals, rocks, structures, plate tectonics, climatic processes, Earth history, and economic resources. Students electing this course to meet their General Education requirement for laboratory science must take both GEO 101 and GEO 101L in the same semester. (Fall, Spring)

**101L. Laboratory Studies in Physical Geology (L)** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course is the lab complement to GEO 101 Physical Geology. The weekly exercises allow students to more fully explore important concepts discussed in lecture and provide first-hand experience in Earth materials and how geologists use them. The laboratory must be taken concurrently with GEO 101. (Fall, Spring)

**103. Introduction to Earth Science** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Comprehensive one-semester course for the liberal arts student desiring a reasonable knowledge of the principles of earth science. No previous background in science is assumed. Major topics include physical and historical geology, astronomy, meteorology and oceanography. (Offered occasionally)

**104. Geology of National Parks** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of geological materials and processes responsible for the formation and evolution of landscapes found in the nation's parks and monuments. Survey of parks from each U.S. physiographic province. (Offered occasionally)

**104L. Laboratory Studies of National Park Geology** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course is the lab complement to GEO 104 Geology of National Parks. The weekly exercises allow students to more fully explore important concepts discussed in lecture and provide first-hand experience in topographic and geologic map-reading. The laboratory must be taken concurrently with GEO 104. One 2-hour lab each week. (Offered occasionally)

**113. Natural Resources** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A one-semester course for the liberal arts student desiring an introduction to world resources. No previous science background is assumed. Topics will include renewable and non-renewable energy sources, water, non-fuel minerals, economic and political issues and environmental issues. (Offered occasionally)

**116. Weather and You** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of local and worldwide weather. Topics include atmospheric measurements, weather observation, weather prediction, global energy budgets, climate patterns, climate change, and the rights and responsibilities of a citizen of planet earth concerning the atmosphere (e.g. the greenhouse effect and ozone layer depletion). (Offered occasionally)

**201. Environmental Geology (N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the relationships between humans, environment and geology. Ecosystems, geologic hazards, pollution, energy sources and the human interactions with the environment are stressed. Previous course in geology is recommended. (Spring)

**250. Geographical Information Systems** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This course introduces concepts and techniques of Geographic Information Systems/Sciences (GIS) using as a computer-based, software-hardware platform capable of capturing, storing, displaying, manipulating, and analyzing any set of geo-referenced data (Geographical Information). (Spring, odd-even years)

**305, 306. Regional Field Geology** 1–2 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 1.

Geology is studied by living and working in the natural environment. Students will complete exercises, record observations, and make presentations in the field. Travel and field studies will emphasize physiographic regions dissimilar to Ohio. Participation during a field excursion earns one hour, while design and completion of advanced studies can be pursued for an additional credit. Prerequisites: one Geology course and permission of the instructor. Fee required for participation.

**308. Surface Water Systems (Q)(R)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Investigation of stream flow, flow frequency, river hydraulics, stream development, drainage system, sediment transport and storage, channel shape and stability, including applications of fluvial principles to river management. Prerequisites: GEO 101, 101L; MTH 120 or placement into 222 or above (Fall, odd-even years)

**320, 321. Problems in Geology** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

For students with special interests in independent study beyond the scope of existing courses or who wish to make use of Heidelberg's special resources, including library, museum, and surrounding geological terrain. Potential topics for study include earth history, mineralogy, petrology, and paleontology. Prerequisites: one GEO course and permission of the instructor. (Offered occasionally)

**350. Soils and Groundwater (Q)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Investigation of subsurface water-rock systems including weathering and development of soils, infiltration and flow in the unsaturated zone, and groundwater movement in aquifers. Course includes introduction of characterization of subsurface phenomena and introduction of groundwater flow characterization using models. Prerequisites: GEO 101, 101L; MTH 120 or placement into 222 or above. (Fall, even-odd years)

**390, 391. Independent Research** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

Independent course featuring special laboratory and/or field work for advanced students. A formal written proposal describing the project and its expected completion schedule must be submitted prior to registration. Prerequisites: 6 credit hours in geology and permission of the instructor. (Fall, Spring)

## **GER–German**

**100. Beginning German I, II** 6 credit hours. Recitation: 6. Laboratory: 0. Alternative Mode: 0.

Students are introduced to speaking, listening and reading skills, learn elementary grammar and work on building basic vocabulary. This is an intensive summer course taught in the Heidelberg at Heidelberg, Germany summer program. Placement is determined at Heidelberg, Germany. (Summer)

**101. Introduction to German** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A sequence course introducing basic training in listening, speaking, reading and writing German with emphasis on communication. Rudiments of grammar are introduced. Students with credit in GER 100 are not eligible to take this course.

**102. Introduction to German** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The second sequence course of the basic training in listening, speaking, reading and writing German with emphasis on communication. Prerequisite: GER 101 or placement into GER 102. Students with credit in GER 100 are not eligible to take this course.

**200. Intermediate German I, II** 6 credit hours. Recitation: 6. Laboratory: 0. Alternative Mode: 0.

Students practice all four language skills, review grammar and work with vocabulary building exercises. This is an intensive summer course taught in the Heidelberg at Heidelberg, Germany summer program. Placement is determined at Heidelberg, Germany. (Summer)

**201. Intermediate German** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to more advanced forms and vocabulary practicing all four language skills, review basic grammar. Students with credit in GER 200 are not eligible to take this course. Prerequisite: GER 102.

**202. Intermediate German** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A continuation of more advanced forms and vocabulary practicing all four language skills, review basic grammar. Students with credit in GER 200 are not eligible to take this course. Prerequisite: GER 201.

**205, 206. Reading German** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Students read literary, journalistic and scientific texts to build vocabulary and gain proficiency in understanding advanced syntactical structures, such as the passive with modal verbs, extended participial modifiers and complex dependent clauses. (Offered occasionally)

**290. Preparation for Study Abroad (G)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course prepares students for their study abroad experience in Germany through readings and reflections on the cultural differences that they are likely to experience. Students will develop a viable proposal for their capstone course projects, which will include data collected while abroad. The final capstone paper and presentation will be completed upon the student's return to campus in GER 490, German Capstone Course.

**300. Advanced German I, II** 6 credit hours. Recitation: 6. Laboratory: 0. Alternative Mode: 0.

Students practice in conversation, composition and advanced grammar and vocabulary on the basis of texts dealing with everyday life in German speaking countries. This is an intensive summer course taught in the Heidelberg at Heidelberg, Germany summer program. Placement is determined at Heidelberg, Germany. (Summer)

**301. Advanced German** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Practice in conversation, composition and manipulation of advanced grammatical forms and vocabulary on the basis of texts dealing with everyday life in German-speaking countries. Students with credit in GER 300 are not eligible to take this course. Prerequisite: GER 202 or permission of instructor.

**302. Advanced German** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A continuation of practice in conversation, composition and manipulation of advanced grammatical forms and vocabulary on the basis of texts dealing with everyday life in German-speaking countries. Students with credit in GER 300 are not eligible to take this course. Prerequisite: GER 301 or permission of instructor.

**306, 307. Guided Study** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

An opportunity for students to improve proficiency by independent study or tutorial arrangements. Permission of the staff is required.

**317. Germany, Present and Past (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Texts providing insight into German history, civilization and current experience form the basis for exercises in advanced German grammar, speaking and writing. Alternates every second year with GER 301, 302. Prerequisite: GER 202 or permission of instructor.

**318. Germany, Present and Past (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Texts providing insight into German history, civilization and current experience form the basis for exercises in advanced German grammar, speaking and writing. Alternates every second year with GER 301, 302. Prerequisite: GER 202 or permission of instructor.

**406, 407. Independent Study** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

Independent projects in German language, literature and civilization. By prior arrangement with the staff.

**415, 416. Topics in German Literature and Civilization** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An opportunity to explore material and topics not available through regular course offerings. Possible topics include: Faust, Twentieth Century German Drama, German Literature as film. (Offered occasionally)

**417. Periods in German Literature (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students read and discuss significant texts to gain an understanding of the characteristics of the German literature from the beginning through the Storm and Stress period. Prerequisites: GER 301 and 302 or GER 317 and 318.

**418. Periods in German Literature (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A continuation of 417 from Classicism to the present. Prerequisites: GER 301 and 302 or GER 317 and 318.

**475–476. Honors Course** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Series offers a major research project and for students that want to earn departmental honors. By prior arrangement with the staff.

**489. German Portfolio (G)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

The course encourages and supports students in developing speaking and writing skills in the target language. It monitors their progress toward the goal of achieving the ACTFL Advanced Level of Proficiency in speaking and writing by the time they graduate. Freshmen get acquainted with the objectives of the course during a meeting of majors. Sophomores collect baseline speaking and writing samples in GER 290. Juniors generate and collect a large number of speaking and writing samples during their study abroad. Seniors register for the course, add speaking and writing samples completed during their senior year and organize their language samples into a portfolio. Offered every year, usually first semester. Completion of the ACTFL Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WPT) is required for this course. There is an additional fee for this course. Prerequisites: COM 100; WRI 101; and completion of a study abroad experience.

**490. German Capstone Course** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This is a culminating course for students completing the German major. In the format of a writing workshop, students prepare a paper based on the original research project, which they proposed during their sophomore year in GER 290, Study Abroad Preparation. During the time abroad, students collect data for the project, which is written, revised and presented in GER 490. This course complements GER 489, German Portfolio. Offered every year, usually during the first semester. Prerequisite: Completion of study abroad; COM 100; WRI 101.

## **GRK–Greek**

**101–102. Elementary Greek** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to classical (Attic) Greek and reading of elementary passages.

**111–112. New Testament Greek** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to New Testament (Koine) Greek and reading of elementary passages.

**201, 202. Intermediate Greek** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Readings of selections from Homer's *Odyssey*, Plato's *Apology* and the New Testament.

## **GSB–Graduate Studies in Business**

The Graduate Studies in Business Leveling course hours will count in the degree only when the corresponding course within each Leveling course has not been taken.

**GSB 501. MBA Foundation Course I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is the first in a series of three designed to prepare students who did not complete a business undergraduate degree to begin graduate studies in business in the MBA program. This course includes three components. The first is an introduction to financial accounting principles and standards that are fundamental to the preparation, understanding and use of financial statements. The second section is an introduction to the use of cost accounting data for planning, control, and decision making. The third section includes development of financial tools and concepts necessary for a manager to make decisions with the objective of wealth maximization. This course cannot meet any graduate level course requirements except that of the Leveling requirement. The course is graded as pass or unsatisfactory. Students may not earn credit for ACC 201, ACC 202, FIN 301 and GSB 501. GSB 501 is not eligible for undergraduate hours at the 300 or 400 level.

**GSB 502. MBA Foundation Course II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is the second in a series of three designed to prepare students who did not complete a business undergraduate degree to begin graduate studies in business in the MBA program. This course includes three components. The first section includes the development and discussion of the tools and concepts used in modern microeconomics that are necessary for every manager to evaluate the external environment. The second section includes development and discussion of the tools and concepts used in modern macroeconomics that are necessary for every manager to evaluate the internal and external economic environment. The third section is an introduction to statistical methods and techniques used in business. This course cannot meet any graduate level course requirements except that of the Leveling requirement.

The course is graded as pass or unsatisfactory. Students may not earn credit for ECO 251, ECO 252, MTH 119 and GSB 502. GSB 502 is not eligible for undergraduate hours at the 300 or 400 level.

**GSB 503. MBA Foundation Course III** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is the third in a series of three courses designed to prepare students who did not complete a business undergraduate degree to begin graduate studies in business in the MBA program. This course includes three components. The first is an introduction to Management, providing a broad spectrum of management theory and introducing general concepts of strategic planning, decision making, organizing, managing human resources, communicating, motivating and leading, management control, and operations management. The second section is a managerial approach to the marketing function in a business or not-for-profit organization covering market strategy planning and the marketing mix of place, price, product, and promotion in relation to the customers and/or clients. The third section is an introduction to the American legal institutions and sources of law with emphasis on ethics, torts, criminal law, contracts and sales. This course cannot meet any graduate level course requirements except that of the Leveling requirement. The course is graded as pass or unsatisfactory. Students may not earn credit for BAE 318, MGT 300, MKT 302 and GSB 503.

## **HEI- AIM Hei Program**

**101. AIM Hei 1** credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

A course for first-year students based on common objectives. Individual sections provide students the opportunity to explore transitional issues and to engage in the academic life of the University. Each section will feature a topic as designated by individual faculty. Limited to students in their first semester at Heidelberg. (Fall)

**102. AIM Hei 0** credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 4 sessions.

This is a continuation of the mentoring program to provide students with a structured means by which they can: 1. design and implement a program of study – both inside and outside the classroom – aimed at achieving the learning goals the University has for its graduates; 2. Define, explore, and reflect upon their academic, personal, and professional goals and relate those goals to Heidelberg and beyond. Prerequisite: HEI 101.

## **HIS- History**

**105. World Civilizations I** (W)(R)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of world history from prehistory to 1648. Prerequisites: Open to Freshmen and Sophomores only. (Fall)

**106. World Civilizations II** (W)(R)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of world history from 1648 to modern times. Prerequisites: Open to Freshmen and Sophomores only. (Spring)

**107. American History to 1865** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of United States history from early colonization to the end of the Civil War. Prerequisites: Open to Freshmen and Sophomores only. (Fall)

**108. American History Since 1865** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of United States history from the Civil War to the present. Prerequisites: Open to Freshmen and Sophomores only. (Spring)

**120. The Ohio Heritage** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Survey of the economic, demographic, and political development of Ohio.

**222. The Public Historian's Craft** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The definition, philosophy, and evolution of public history as well as the current literature and debates within the field. Emphasis will be placed on the application of theories of public history to real-world situations as they explore what public audiences know about the past and how the public gained that knowledge. (Fall, odd-even years)

**223. The Historian's Craft** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course focuses on the methodology of studying the past, and explores some fundamental components of historical thinking, including context and causation, methods of historical analysis, issues of truth and objectivity, and conflicting interpretations. (Spring, odd-even years)

**290. Issues in History** 1-3 credit hours. Recitation: 1-3. Laboratory: 0. Alternative Mode: 0.

The study of selected issues in history.

**311. The Greco-Roman World** (R)(W) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of ancient Greek, Hellenistic, and Roman civilizations placing particular emphasis on culture, religion, and the dynamic history of the ancient Mediterranean. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Fall, even-odd years)

**320. The American Presidency** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the creation, development, and politics of the presidency, from George Washington to the current occupant of the White House. Students with credit in HIS 220 or POL 320 will not receive credit for HIS 320. (Fall, even-odd years)

**321. Medieval Europe** (R)(W) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

One of the most misunderstood periods in European history, the Middle Ages (sometimes called the Dark Ages) was a dynamic and turbulent period in history. Through the study of Medieval European history (450-1400



C.E.), this course will challenge common stereotypes and misconceptions about this period. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, even-odd years)

**322. Renaissance and Reformation (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the Italian Renaissance and Protestant Reformation. Emphasizing the period from 1400-1650, this course will explore the cultural transformations of the Renaissance, the religious upheaval of the Reformation, and the political, social, and cultural unrest that resulted from both. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Fall, odd-even years)

**325. Modern Europe (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Beginning with the Enlightenment and French Revolution, this course will explore the development of Europe's modern nation states, emphasizing the transformations facilitated by revolution and war. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, odd-even years).

**331. Ancient East Asia (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course explores the ancient history of China, Korea, Japan, and Southeast Asia, placing emphasis on the development of social and political institutions that shaped the history of East Asian societies. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Fall, odd-even years)

**332. Politics and History of the Middle East (W)(S)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the contemporary Middle East. Country studies will be emphasized as will regional topics such as political, economic, and human development, the Arab-Israeli conflict, disputes between Shi'a and Sunni, political Islam, Islamic militancy, i.e., Jihadism, resources (particularly oil, natural gas, and water), and foreign (especially American) involvement. (Students with credit for POL 283 or POL 383 will not receive credit for HIS 332) (Fall odd- even years)

**333. Politics and History of East Asia (R)(W)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of the development of East Asian societies from 1600 to the present, focusing on colonialism, wars of independence, nation-building, and modernization. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. This course is cross-listed with POL 310, students will only earn credit for only one course. (Spring, odd-even years)

**335. History of Africa** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of Africa from prehistory to the modern day. (Fall, every-other even-odd year)

**352. Latin American History** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of Latin American history from its earliest civilizations to the modern day. Topics include indigenous peoples, European colonization, Latin American independence movements, and modern nation-states. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, even-odd years)

**357. History of England (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Beginning with the Roman conquest, this course explores the history of England through the medieval, early modern, and modern periods. Emphasizing transformational moments in English history, including the Norman Conquest, the Reformation, Industrial Revolution, and overseas colonization, this course provides a holistic view of English history. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, every other even-odd year).

**359. History of Germany (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Beginning with the Germanic migrations of the fourth and fifth centuries, this course will address some of the major topics in German history, including the German kingdoms of the Middle Ages, the Protestant Reformation, modernization and unification, World Wars I and II, post-war division and reunification. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, every other even-odd year).

**370. Internships** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Special permission of the department is required. Examples of internships: working in museums or archives, pre-law, local government service.

**374. Colonization and Revolution** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of English colonization, the American Revolution, and the creation of the United States. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Fall, odd-even years)

**375. Civil War and Reconstruction** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of Antebellum Era, Civil War, and Reconstruction. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, odd-even years)

**384. Twentieth Century America** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of economic, social and political events and change in the twentieth century. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Fall, even-odd years)



**385. African-American History** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Study of the African-American experience in the United States from the colonial era to the present.  
Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, odd-even years)

**386. Women in America** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Study of the role of women in America from the colonial era to the present. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. (Spring, even-odd years)

**390. Topics in History** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Study of selected topics in history for juniors, seniors and history majors stressing historiography and interpretation.

**401, 402. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.  
A student may, subject to the instructor's consent, pursue an intensive reading course with oral and/or written reports, or a research project. Open to students of demonstrated ability.

**405. Seminar: Historical Research and Interpretation** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Students will do independent research in the historical and/or political field(s) of their choosing. Fulfills the senior capstone requirement. This course is cross-listed and students with credit in POL 409 will not earn credit in HIS 405. Prerequisites: COM 100; WRI 101; HIS 223. Open to seniors. Juniors by permission. (Fall)

**475-476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Series available to achieve Departmental Honors.

## **HNR-Honors Program**

**103. The Scholar Seminar** 2-4 credit hours. Recitation: 2-4. Laboratory: 0. Alternative Mode: 0.  
Topic relating to the theme to be developed by instructor. Prerequisite: Honors Program student or permission of instructor. (Fall, Spring)

**111. Introduction to the Life of the Mind** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.  
Introduction to the themes, requirements, and policies of the Honors Program. Culminates in a course project. Prerequisite: Honors Program student or invited Honors Program student. (Fall, Spring)

**203. The Scientist Seminar** 2-4 credit hours. Recitation: 2-4. Laboratory: 0. Alternative Mode: 0.  
Topic relating to the theme to be developed by instructor. Prerequisite: Honors Program student or permission of instructor. (Fall, Spring)

**303. The Artist Seminar** 2-4 credit hours. Recitation: 2-4. Laboratory: 0. Alternative Mode: 0.  
Topic relating to the theme to be developed by instructor. Prerequisite: Honors Program student or permission of instructor. (Fall, Spring)

**307. Service-Learning and Civic Engagement Seminar** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.  
Directed reflection on service experiences in spoken and written forms. Prerequisite: Honors Program student.

**403. The Citizen Seminar** 2-4 credit hours. Recitation: 2-4. Laboratory: 0. Alternative Mode: 0.  
Topic relating to the theme to be developed by instructor. Prerequisite: Honors Program student or permission of instructor. (Fall, Spring)

**455. Senior Honors Project** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.  
Original scholarly work under the guidance of a faculty mentor, such as individual or collaborative research, creative works, artistic performances, extended service learning, policy analysis, etc. Permission of Dean of Honors Program is required. Prerequisite: Honors Program student. (Fall, Spring)

## **HSC- Health Science**

**110. Foundations of Professional Practice** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.  
This course is designed to expose students to the foundational behaviors expected of healthcare professionals and the concepts related to evidence based medical practice. Prerequisites: Freshman or Sophomore standing; ATR, ESS, HSC, SPO majors only, others by permission. (Fall/Spring)

**150. Medical Terminology** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.  
This course is designed to expose the student to basic medical terminology that will provide a foundation for interpretation, documentation, and oral communication within the medical field. The course will focus on medical word parts (prefix, roots and suffixes), integumentary, skeletal, muscular, nervous, cardiovascular, respiratory. Prerequisites: Freshman or Sophomore standing; ATR, ESS, HSC, NRS, SPO majors only, others by permission. (Fall, Spring)

**171. Acute Care of Injury & Illness** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
This course is designed to teach the student the basic knowledge and skills utilized in allied-healthcare settings. This includes the recognition of general medical conditions seen in various populations (i.e pediatric, adolescent, adult, geriatric, athletic, etc.). Students who have credit for ATR 171 are not eligible to take HSC 171 for additional credit. Recommendations: basic understanding of human anatomy obtained through high school anatomy/biology coursework or one semester of college biology. Prerequisite: Freshman or Sophomore standing. (Fall, Spring)

**290. Applied Pharmacology and Pathology (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will learn basic internal human anatomy in order to apply general medical tools and skills needed to identify human pathologies. In addition, students will learn pharmacological applications including indications, contraindications, precautions, interactions, and governing regulations relevant to the treatment of human injury and disease. Prerequisites: HSC 150; BIO 121 or BIO 123 and sophomore standing. Students with credit in ATR 290 may not receive additional credit for this course. (Spring)

**360. Medical Imaging Basics** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course is designed to provide an introduction to the field of diagnostic medical imaging. The course also stresses the importance of radiation safety, ethics and legal considerations, as well as professionalism. This course includes both lecture and practical laboratory applications. Students who have credit for HSC 260 are not eligible to take HSC 360 for credit. Prerequisites: ATR 213 and HSC 290. (Spring)

**370. Internship in Health Sciences** 0–15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–15.

This course gives upper-class health science majors an opportunity for academic-related experience central to the student's desired professional setting and career. The internship should enhance the student's intellectual development through the application of knowledge. This program cannot be totally observational. Prerequisites: HSC 150, 290, and approval from the Department Chair. A minimum cumulative grade-point average of 2.5 is required. An internship contract must be completed and on file in the Internship office before registration. This course is required for credit towards the hours required of the HSC major.

**390. Applications of Professional Practice** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Students will be exposed to the knowledge, skills, desired characteristics and values of the entry-level health care provider. Responsibilities, professional development, national and state regulatory agencies, professional standards, and national certification examinations will be discussed. Students will learn how to use the breadth of their liberal arts abilities to promote their chosen professional discipline. Students will develop and critique professional documents in preparation for a career in healthcare. Students will prepare a research project proposal in an area of related interest in preparation for requirements in HSC 490. Prerequisite: HSC 110, 150 and Junior standing. Students with credit in ATR 490 or HSC 490 (prior to Fall 2015) may not receive additional credit in this course. (Spring)

**425. Healthcare Seminar (R)(P)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course is designed to introduce the healthcare student to various medical conditions and disorders. It will involve lectures and discussions led by allied health professionals in different areas of specialization. Prerequisites: COM 100, WRI 101; ATR, HSC, SPO senior majors only, other by permission. Students with credit in ATR 425 may not receive additional credit in this course. (Fall)

**426. Special Topics in the Health Sciences** 1–3 credit hours. Recitation: 1–3. Laboratory: 0. Alternative Mode: 0.

The department offers a variety of courses on special health science topics of interest to upper level students and staff. The topics concern areas not traditionally stressed in other department courses. In general, the courses will be offered in response to student demand and within the confines of faculty time. Prerequisites: Junior standing. (Fall, Spring)

**477. Kinesiology and Biomechanics of Exercise** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of human movement as it pertains to muscular actions, articulations and laws of motion. Emphasis is on the biomechanical factors that affect performance during physical activity. Prerequisite: ATR 213; BIO 121 and 122 or BIO 123 and 363. Students with credit in ATR 477 or HHP 444 may not receive additional credit in this course. (Fall)

**485. Healthcare Administration (R)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course will provide the knowledge, skill and values required of the entry-level health care provider to develop, administer and manage a healthcare facility and associated venues providing healthcare of the physically active. Prerequisites: Senior status. Students with credit in ATR 485 may not receive additional credit in this course. (Spring)

**487. Exercise Physiology (R)(W)(N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An examination of the scientific basis of human physiology in relationship to acute and chronic bouts of exercise, physical activity, and work. Sample topics to be covered will be energy transfer in the body during exercise, neuromuscular, cardiovascular and pulmonary adaptations to exercise; and body composition. Prerequisites: BIO 121 and 122 or BIO 123 and 363, and Senior status. Students with credit in ATR 487 may not receive additional credit in this course. (Spring)

**490. Research Methods in Health Sciences (W)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Students will gain an understanding of research methods used to study effectiveness of healthcare skills and practices. Students will also learn how to build and expand knowledge for development and improvement of healthcare by academicians and clinicians at all levels. Course topics will include examining measurement instruments, sampling procedures, research designs, data collection methods, program evaluation, evaluation of practice, quantitative and qualitative research, ethical issues, and the writing of research reports. The course will also help students develop the critical skills necessary to interpret and to convey research results. Prerequisite: ATR, ESS, HSC and SPO seniors only; COM 100; WRI 101. Students with credit in ATR 490 may not receive additional credit in this course. (Fall)

## IST-Information Systems

**110. Introduction to Information Systems** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to contemporary information systems and their uses throughout global organizations. Emphasis is on the key components of information systems – people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. This course also introduces systems and development concepts, technology acquisition, and various types of application software that have become prevalent or are emerging in modern organizations and society. (Fall and Spring)

**314. Database Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to databases which focuses on the various uses of database management systems as well as the design, development and administration of such databases. Databases in a microcomputer environment will be emphasized. Students with credit in CPS 314 are not eligible to receive credit for this course. Prerequisite: CPS 201. (Fall, odd-even years)

**316. Spreadsheet Modeling** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Intermediate and advanced spreadsheet modeling using current spreadsheet software. Students will develop spreadsheet models that aid research and provide decision support within an organization. Included are such topics as the design and management of worksheets and templates, statistical, financial, database, and spreadsheet manipulation functions, dynamic Web publishing, and basic spreadsheet programming. Students with credit in CPS 316 are not eligible to receive credit for this course. Prerequisite: CPS 201 or MTH 119. (Spring)

**318. IS Architecture, Strategy, and Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The design, selection, implementation, and management of enterprise information technology solutions. Frameworks and strategies for infrastructure management, system administration, data/information architecture, content management, distributed computing, middleware, legacy system integration, system consolidation, software selection, total cost of ownership calculation, IT investment analysis, and emerging technologies. Risk and security within audit and compliance standards. Prerequisite: IST 110 or CPS 150. (Fall of even-odd years)

**320. Issues in Information Systems Security** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An investigation of issues in information systems security from the management perspective. Risks, threats, and vulnerabilities. Information security standards and compliance laws. Incident planning and response. Privacy and other ethical issues. Prerequisite: CPS 201. (Fall of odd-even years)

**340. System and Network Administration** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the techniques of system and network administration, including systems and server configuration, network capacity planning and management, and the use of administrative tools and scripting languages. Information systems security issues. Professional and ethical responsibilities of the IT manager. Students with credit in CPS 340 are not eligible to receive credit for this course. Prerequisites: CPS 201 and CPS 325. (Spring, even-odd years)

**342. Systems Development** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the systems life cycle and methods of system requirements analysis, specification, and design. Computer-aided project management techniques will be explored. Students will use practical and accepted methods for the analysis and design of computer-based solutions to organizational problems. Students with credit in CPS 342 are not eligible to receive credit for this course. Prerequisites: CPS 201. (Fall, even-odd years)

**475-476. Honors Course** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

This course is open to seniors who want to earn Departmental Honors in information systems. Requests for Departmental Honors must be approved by the Department Chair, in consultation with the computer science faculty. A detailed proposal for independent research must be submitted to the Chair in the spring semester of the junior year. During the last semester, the student must complete a thesis, an oral examination covering the research, and a comprehensive written examination covering all areas of information systems. Prerequisite: Permission of Department Chair and combined CPS/IST prefix GPA of a 3.00 or higher.

## INS-Insurance

**201. Intro to Insurance & Risk Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Overview of risk management, the insurance industry, the mechanics of insurance, and the primary lines of insurance coverage available for individuals and businesses. (Fall)

**301. Personal Lines and Life & Health Insurance** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

In-depth study of personal lines of coverage, life and health insurances. Personal line topics covered include homeowner's programs, personal automotive policies, and umbrella/excess liability insurance. Insurance for life, health, long-term care, disability will also be covered. Final topics include planning for business continuation and succession, retirement, and personal needs. Successful completion of the class provides the foundation for the Chartered Insurance Counselor certification exam. Prerequisite: Declaration of any business concentration and INS 201. (Fall)

**302. Risk Management & Insurance Planning** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

In-depth coverage of personal risk management and insurance applications. Students will learn how to conduct an insurance needs analysis for clients and evaluate insurance contracts for life, disability, long-term care, and health insurance. Students will also explore insurance company selection. Other topics covered include

property and casualty insurance, group life and health insurance plans, business uses of insurance, and annuities. Satisfactory completion of this class satisfies the Risk Management and Insurance Planning course requirements for the Certified Financial Planner® (CFP) designation. This course cannot be repeated with INS 301 and will not count towards CIC designation. (Fall and Spring)

**303. Commercial Casualty/Property/Insurance** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

In-depth study of commercial property and casualty insurance. Coverage of commercial property and general liability concepts and insurance, additional insured concepts and endorsements, equipment breakdown, time element coverage, business automobile coverages and endorsements, and workers' compensation and employer's liability. Successful completion of the class provides the foundation for the Chartered Insurance Counselor certification exam. Prerequisite: Declaration of any business concentration and INS 201. (Fall)

**490. Risk Management Principles/Practice** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

In-depth study and application of risk management essentials for a commercial enterprise. Topics covered include risk management concepts, risk management and the commercial organization, enterprise risk management, risk identification methods, the role of the risk manager, building the risk management team, cost of risk, due diligence during organizational changes, executive risk, and reputation and brand management. Successful completion of the class provides the foundation for the Chartered Insurance Counselor certification exam. Prerequisite: Declaration of any business concentration and INS 201. (Fall)

## **ITS–International Studies**

**370. Internship** 0–15 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 1–15.

Qualified students may receive credit for off-campus experience. Prerequisite: Approval of ITS Committee Chair is required.

**401, 402. Independent Study** 1–4 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–4.

With the instructor's approval the student may do independent reading or research.

**409. Capstone Research Seminar** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A seminar experience for juniors and seniors majoring or minoring in International Studies that closely examines the contemporary global milieu. Each student will write review essays and work on a semester portfolio or research paper. Prerequisite: ITS major, or minor, or permission of instructor. Open to juniors and seniors. (With permission, this course may be accepted as meeting the capstone requirement for either International Studies or Political Science.) (Spring, odd-even years)

## **LIT–Literature**

**102. Literary Genres** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of techniques of literary analysis applied to the major genres: fiction, poetry and drama; and practice in writing the critical paper. Required of all English majors. Students with credit in ENG 102 may not earn credit for this course. Receiving Advanced Placement credit for LIT 102 does not include credit for or exemption from WRI 101. Prerequisite: WRI 101, exemption exam, or Honors Program. (Spring)

**150. Themes in Literature** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The examination – in reading, writing, and speaking – of a particular theme in American, British, and/or World literature. This course may be repeated once with a different subtitle. (Fall, Spring)

**205. Literature of the Ancient World** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of biblical, classical and medieval works with focus on such genres as the comedy, the epic, and the tragedy. Prerequisites: Sophomore, Junior, Senior status; select first-year students by permission with a previous ENG, WRI or LIT course. Students with credit in ENG 205 may not earn credit for this course. (Fall, even-odd years)

**206. Literature of the Modern World** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of literature from ethnic, multicultural and global traditions. Students with credit in ENG 206 may not earn credit for this course. (Fall, odd-even years)

**221. British Literature to 1798** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the literature of England in the Medieval age, the Renaissance and the Neoclassical period. Students with credit in ENG 221 may not earn credit for this course. (Fall, odd-even years)

**222. British Literature, 1798 to the Present** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the literature of England in the Romantic Age, the Victorian period and the 20th century. Students with credit in ENG 222 may not earn credit for this course. (Fall, even-odd years)

**231. American Literature to 1860** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of the literature of the colonial and Romantic periods. Students with credit in ENG 231, 321 may not earn credit for this course. (Spring, odd-even years)

**232. American Literature, 1860 to the Present** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of writers beginning with the Realistic and Naturalistic periods. Students with credit for ENG 232, 322 may not earn credit for this course. (Spring, even-odd years)

- 291. Introduction to Literary Theory** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Introduction to the writing, theory and research practiced by academic scholars in literary studies. Includes study of academic standards, professional secondary source materials, and research resources. Required of all English majors and minors. The English department strongly recommends that students complete LIT 291 before attempting 300-level literature courses. Students with credit in ENG 291 may not earn credit for this course. Prerequisites: COM 100; WRI 101, exemption exam or Honors Program; one course in LIT beyond 102 or WRI beyond 101, and an English major/minor and Education Majors: AYA (Language Arts). (Spring)
- 300. Special Topics in Literature** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Selected topics in literature and literary criticism. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program.
- 306. African American Literature** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Survey of varied African-American oral and written texts, including drama, fiction, personal narrative, poetry, and musical forms. Students with credit in ENG 306 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Spring, odd-even years)
- 307. Studies in Literature by Women** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Focused study of literature written by women in a specific period, genre or other focus from and around the globe. This course may be repeated once with a different subtitle. Students with credit in ENG 307 may not earn credit for this course. Students with credit in ENG 307 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Spring, even-odd years)
- 310. Studies in LGBTQ+ Literature** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
This course provides a focused study of literature by authors, or about characters, in the LGBTQ+ community. Selections will represent multiple historical periods and global cultures. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, even-odd years)
- 330. Studies in the Novel** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Examination of the novel as a world genre, including such writers as Atwood, Dostoyevsky, Faulkner, Hesse, and Woolf. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, even-odd years)
- 340. Major World Author** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Focused study of a single world author, beginning with the Ancients through the Contemporary period. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, odd-even years)
- 346. Shakespeare** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Study of several Shakespearean plays. Students with credit in ENG 346 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, even-odd years)
- 350. Studies in British Literature** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Focused study of a period, movement, genre, or author in British Literature. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, odd-even years)
- 355. Studies in American Literature** (R)(W)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Focused study of a period, movement, genre, or author in American Literature. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Spring, even-odd years)
- 360. Studies in World Literature** (R)(W)(H)(G) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Focused study of a period, movement, genre, or problem in World Literature. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Spring, odd-even years)
- MED-Media**
- 126. Video Game Production** (F) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
This course will give students a theoretical and hands-on understanding of video game development. Students will be introduced to video game history, art, design, programming, management, ethical issues and distribution. The course will include various software tools that are critical in the video game production process. Students will create their own video games that will serve as a final project. (Fall)
- 156. Media and Culture** (W)(S) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Survey of the development of media forms and their functions within and influences on (and beyond) U.S. culture, including newspapers, television, film, sound recordings, advertising, and public relations, focusing on media literacy. (Fall)
- 161. Media Focus: Film** (F) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Introduction to film, including development and current trends. Students with credit for MED 256 will not also receive credit for 161. (Spring on a rotating basis)
- 162. Media Focus: Television** (R)(H) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Introduction to television, including development and current trends. (Spring on a rotating basis)



**163. Media Focus: Online Media (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to online media, including development and current trends. (Spring on a rotating basis)

**164. Media Focus: Advertising and Public Relations (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to advertising and public relations, including development and current trends. (Spring on a rotating basis)

**171. Digital Storytelling (F)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in creating content for various platforms, such as websites, social media, and mobile devices. (Fall)

**205. Media Writing (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in writing for print, broadcast, and social media, including basic journalism, advertising, public relations, script writing, and blogging techniques. (Fall)

**304. Public Relations (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of public relations messages and their effects, including practice in writing/preparing public relations plans and publicity materials. Students with credit for PBR 358 will not also receive credit for MED 304.

Prerequisites: MED 205. (Spring, even-odd years)

**307. Sight, Sound, and Motion (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in audio and video production, focusing on functional and aesthetic choices, including lighting, color, framing, and sound elements. Students with credit for MED 226 will not also receive credit for MED 307. Prerequisites: COM 209. (Spring, even-odd years)

**312. Journalism (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in journalistic writing; possible topics include features, columns, and editorials. Students with credit for MED 212 will not also receive credit for 312. Prerequisite: MED 205. (Spring on a rotating basis)

**313. Scriptwriting (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in script writing; possible topics include short films, television scenes, and news packages. Prerequisite: MED 205. (Spring on a rotating basis)

**314. Advertising and Public Relations Writing (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in advertising and public relations writing; possible topics include public service announcements, print ads, and press releases. Prerequisite: MED 205. (Spring on a rotating basis)

**322. Film Criticism (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study and application of the theories used to critically analyze film. Students with credit for MED 255 will not also receive credit for 322. Prerequisite: MED 156 or one of MED 161, 162, 163, or 164. (Fall on a rotating basis)

**323. Television Criticism (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study and application of the theories used to critically analyze television content. Students with credit for MED 356 will not also receive credit for 323. Prerequisite: MED 156 or one of MED 161, 162, 163, or 164. (Fall on a rotating basis)

**325. Popular Culture Criticism (R)(W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study and application of the theories used to critically analyze popular culture texts and practices (including holidays, rituals, celebrities, heroes, language, fashion, and sports as they are experienced through the media). Students with credit for COM 346 will not also receive credit for MED 325. Prerequisite: MED 156 or one of MED 161, 162, 163, or 164. (Fall on a rotating basis)

**326. Animation and Effects** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Creation of animation using Adobe After Effects, Blender, Adobe Animate and others, focusing on basic principles of animation, storyboarding and character creation, including the analysis of animated films, video games and television. Prerequisites: one of COM 209, MED 171, MED 126 or MED 307. (Fall, odd-even years)

**335. Video Games, Representation, and Identity** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Analysis of gender, race/ethnicity, sexuality, and other aspects of identity within video games and the gaming community. Prerequisite: Sophomore status or higher. (Fall, even-odd years)

**336. Advanced Video Game Production** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Theoretical and applied understanding of advanced video game development, including history, design, distribution, and creation of 3D video games. Prerequisite: MED 126. (Spring)

**337. History of Video Games** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0

Historical examination of video games, placing particular emphasis on culture, industry, and violence, as well as personal computer, console, and Internet-based games. Prerequisite: MED 126. (Spring, even-odd years)

**338. Theory and Narrative Structures of Video Games** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0

Examination of the theoretical foundation and narrative structures of video games. Prerequisite: MED126. (Spring, odd-even years)

**345. Selected Topics** 1-3 credit hours. Recitation: 1-3. Laboratory: 0. Alternative Mode: 0.

Study of selected topics in media. (Offered occasionally)

**357. Media Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of factors related to media management, including organizational structures, leadership, sales, and advertising. Students with credit for MMG 357 will not also receive credit for MED 357. Prerequisites: MED 156. (Spring, odd-even years)

**369. Practicum.**

On-campus practical media experience to be chosen from one, two or all of MED 369A, 369B or 369C. May be repeated for a combined total of no more than 6 sem.hrs.

**369A. Newspaper Practicum** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Contribute to The Kilikilik student newspaper; contributions could include writing, editing, photography, layout, and/or illustrations. Arranged with The Kilikilik advisor. (Fall, Spring)

**369B. Radio/TV Practicum** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Contribute to WHEI-FM, WHEI-TV, and/or other Media Communication Center initiatives; contributions could include on-air talent, data entry, graphics creation, lighting, and/or camera operation. Arranged with the Media Communication Center Director. (Fall, Spring)

**369C. Self-Designed Media Practicum** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Student-proposed on-campus practical media experience. Arranged with a designated faculty member in the Department of Communication and Media. (Fall, Spring)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Off-campus practical media experience. May be repeated for a total of no more than 15 sem. hrs. Prerequisite: Departmental permission required. (Fall, Spring)

**375. Media Law and Ethics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of principles and case studies related to such legal and ethical issues as prior restraint, corporate and commercial speech, libel and slander, obscenity, and intellectual property. (Spring, odd-even years)

**451, 452. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Individual research under the direct supervision of a departmental faculty member. Opportunity for advanced work in any of the media areas of special interest to the student. Prerequisite: Permission of the instructor. (Fall, Spring)

## **MGT-Management**

**200. Principles of Management** (W)(S) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course provides a broad spectrum of management theory and introduce general concepts of strategic planning, decision making, organizing, managing human resources, communicating, motivating and leading, management control, and operations management. Prerequisite: C- or better in BAE 101. Students may not earn credit for both GSB 503 and MGT 200. (Fall, Spring)

**320. Organizational Behavior** (R) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The study of human behavior and reaction to change in organizational settings. The level of analysis will be individuals, teams, and organizations covering topics such as motivation, decision-making, group dynamics, power, and culture. Readings and class discussions will include recent trends and ideas about managing people at work. Prerequisites: Sophomore standing; C- or better in MGT 200. (Spring)

**340. Human Resources Management** (R)(W) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The responsibilities, activities, and the laws which affect Human Resources function in current American business. Prerequisites: Sophomore standing; C- or better in MGT 320. (Fall)

**360. Operations Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to operations management principles and production systems. An emphasis on management decision-making in the design and control of systems responsible for the productive use of resources in the development of products or services. Prerequisites: Sophomore standing; C- or better in MGT 200 and MTH 119. (Fall, Spring)

**420. Current Issues and Practices in Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The objective of this course is to improve upon student performance in his or her first professional managerial experience. Topics may include but are not limited to: strategic planning and project planning, interpersonal skills, teamwork and other working relationships, the importance of tenacity, thinking outside the box, creative problem solving, dealing with ambiguity, dealing with ethical challenges, making management decisions, handling financial responsibility, leadership skills and challenges. Prerequisites: Senior standing; C- or better in MGT 340. (Spring)

**490. Strategic Management** (Q)(W) 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Teaches students how to administer business organizations, including strategy formulation, implementation, and executive control with exposure to business cases. Prerequisites: Senior standing; declaration of any business concentration; C- or better in BAE 318; BAE 328 or ECO 352 or FIN 355; FIN 301; MGT 200; MGT 360; MKT 200. This course meets all the requirements for the senior capstone experience for the major in Business Administration. (Fall, Spring)



## **MKT–Marketing**

**200. Marketing (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A managerial approach to the marketing function in a business or not-for-profit organization. Covers market strategy planning and the marketing mix of place, price, product, and promotion in relation to the customers and/or clients. Prerequisite: Sophomore standing. Students may not earn credit for both GSB 503 and MKT 200. (Fall, Spring).

**325. Consumer Behavior (W)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to present an overall view of the factors influencing consumer action, consumerism, and current theories of consumer behavior based on factors such as motives, attitudes, dissonance, psychological and social influences. Prerequisite: Declaration of any business concentration; and C- or better in MKT 302. (Spring)

**345. Personal Selling** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Analysis of the theory and practice of personal selling. Topics include goal setting, prospecting, time/territory management, presentations, objections, closing the sale, and customer service. The pedagogy will also include simulations of selling situations. Prerequisites: Declaration of any business concentration; and, C- or better in MKT 302. (Fall)

**410. Integrated Marketing Communications** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examines key principles, strategies and tactics of Integrated Marketing Communications (IMC). IMC manages a brand's promotional communications holistically. IMC is used by managers for planning, execution and evaluation. Multiple promotional methods and media are conceptualized and developed (advertising, sales promotion, direct marketing, public relations, social media) in a coordinated manner as part of a brand's overall promotion. IMC recognizes the synergies across the different promotional approaches and considers the perspective of all relevant stakeholders in such a way that brand value is maximized. Prerequisites: Declaration of any business concentration; and, C- or better in MKT 302 and either MKT 325 or 345. (Spring)

**435. Current Issues and Practices in Marketing** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course provides in-depth study of specific topics within the marketing discipline. Topics may include but are not limited to: Marketing Ethics, Pricing, Social Influence Strategies, and Service Marketing. Prerequisites: Declaration of any business concentration; and, C- or better in MKT 302, 325, and 345. (Spring)

## **MTH–Mathematics**

**090. Mathematics Refresher** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to review topics from arithmetic and elementary algebra. It is the goal of this course to prepare the student who comes to Heidelberg with mathematics deficiencies. Major emphasis will be given to applications in business, the natural sciences and the social sciences. This course does not fulfill any degree requirements of any major. A student taking this course will need an additional three hours to graduate. Prerequisite: Placement exam.

**114. Amazing Mathematics (Q)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course covers several interesting and useful topics in mathematics: graph theory, statistics and probability, financial math, applications in voting systems, games, and social choices. A goal of this course is to acquire processes in thinking and mathematical methods that will increase the student's problem solving ability. A scientific calculator or laptop is very useful. Prerequisites: Placement exam or C- or better in MTH 090. Does not fulfill any requirements of the mathematics major. (Fall, Spring)

**117. Mathematics for Elementary Education I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Topics covered are set theory, numeration systems, estimation, number theory, counting procedures (permutations and combinations), geometry and measurement. Problem solving, communication skills and critical thinking will be emphasized in the treatment of all topics. This course does not fulfill any requirements of the mathematics major. Prerequisites: Completion of (or current enrollment in) EDU 200 and C- or better in MTH 090 or placement into MTH 114 or higher. (Fall)

**118. Mathematics for Elementary Education II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Topics covered are the study of the real numbers including integers, rational numbers, decimals and percents with applications; analytic geometry; probability and statistics. Problem solving, communication skills and critical thinking will be emphasized in the treatment of all topics. This course does not fulfill any requirements of the mathematics major. Prerequisite: MTH 117. (Spring)

**119. Statistics I (Q)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This is an introduction course to statistics. Students will learn basic statistical concepts, methods, and techniques, topics including: the collection of data, Representation of data – graphs and tables, descriptive statistics, probability, random variables and distributions, correlation and regression, central limit theorem, and beginnings of inferential statistics. This course does not fulfill any requirement of the mathematics major. A graphing calculator (TI-83, TI-84, or equivalent) is required. Prerequisite: Placement exam into MTH 114 or higher, or C- or better in MTH 090. (Fall, Spring)

**120. Intermediate Algebra (Q)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course covers basic mathematical skills necessary to succeed in elementary functions (pre-calculus) and introductory natural science classes. Students will learn basic graphical concepts, such as graphing equalities and inequalities, linear models and applications, complex numbers, solving the quadratic equation,

polynomial and rational functions, solving systems of equations and inequalities, and sequences, probability, and counting theory. This course is intended for science students who do not place into MTH 121 and does not fulfill any requirement of the mathematics major. A graphing calculator (TI-83, TI-84, or equivalent) is required. Prerequisite: Placement exam or C- or better in MTH 090. (Fall, Spring)

**121. Elementary Functions (Q)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of elementary functions, their graphs and applications, including polynomials, rational functions, algebraic functions, exponential, logarithmic and trigonometric functions and plane analytic geometry. This course does not fulfill any requirements of the mathematics major. A graphing calculator is required. Prerequisite: MTH 114, or 119, or 120. (Fall, Spring)

**219. Statistics II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is a continuation of MTH 119, focus on inferential statistics commonly used in other subject area: confidence interval and hypothesis test for two populations, inference for regression, ANOVA, categorical data, and non-parametric testing. This course does not fulfill any requirement of the mathematics major. A graphing calculator (TI-83, TI-84, or equivalent) is required. Prerequisite: C- or better in MTH 119. (Spring)

**222. Calculus I (Q)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The development of the concepts of limit, continuity and derivatives, and the associated computational techniques. Applications to the study of motion, optimization, and related concepts in other areas of the natural and social sciences are included. A graphing calculator is required. Prerequisite: Placement or MTH 121. (Fall, Spring)

**223. Calculus II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The development of the concepts of the definite and indefinite integral, the fundamental theorem of calculus, applications to area, volume and related physical concepts, use of integrals to extend our knowledge of the transcendental functions: logarithmic, exponential and inverse trigonometric functions. A graphing calculator is required. Prerequisite: MTH 222. (Fall, Spring)

**302. Ordinary Differential Equations** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Solutions of differential equations of the first order and first degree, singular solutions, linear differential equations, integration in series, systems of equations and Laplace transforms. Prerequisite: MTH 223. (Fall, odd-even years)

**303. Linear Algebra** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Finite-dimensional vector spaces, matrix theory, linear transformations, systems of linear equations and quadratic forms. A graphing calculator is required. Prerequisite: MTH 222. (Spring, odd-even years)

**305. College Geometry I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of finite geometries and graph theory, the axiomatic development of Euclidean geometry, and a brief introduction to non-Euclidean geometry. The course also presents the history of the development of both Euclidean and non-Euclidean geometry. A graphing calculator is required. Prerequisite: MTH 223. (Spring, odd-even years)

**306. College Geometry II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of non-Euclidean geometry which includes projective and hyperbolic geometry. Prerequisite: MTH 305. (Offered occasionally)

**307. Calculus III** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Advanced techniques of integration, sequences and series, parametric and polar coordinates, vector and analytic geometry of three dimensions. A graphing calculator is required. Prerequisite: MTH 223. (Fall)

**308. Calculus IV** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Vector-valued functions and curves in 3-space, functions of several variables and partial derivatives, multiple integrals and applications. If time allows, additional topics in vector analysis will be covered. A graphing calculator is required. Prerequisite: MTH 307. (Spring)

**310. Introduction to Numerical Analysis** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the computer techniques and algorithms used to solve numerical problems. Number representation, roots of nonlinear equations, numerical integration, linear systems, numerical solution of differential equations, Monte Carlo methods, simulation and curve fitting. Prerequisites: MTH 307 and CPS 201. (Fall, even-odd years)

**312. Introduction to Mathematical Statistics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Probability theory; moments; binomial, normal, student's  $t$ , Poisson and Chi square distributions; random sampling; hypothesis testing and non-parametric tests. Prerequisite: MTH 223. (Spring, even-odd years)

**321, 322. Independent Study** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

Open to juniors or seniors of proven ability. Topics chosen from the field of analysis, algebra, topology, geometry or number theory according to a student's interest. A maximum of four hours is permitted. (Offered occasionally)

**401. Abstract Algebra** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the concepts of modern algebra, particularly those of group, ring, integral domain and field. Includes applications to number theory. Prerequisite: MTH 308. (Spring, even-odd years)

**402. Topology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to point set topology, topological and metric spaces and their properties. Prerequisite: MTH 308. (Fall, odd-even years)

**403. Complex Analysis** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Algebra and geometry of complex numbers and analytic functions. Cauchy's theorem and formula, contour integration and conformal mapping. Prerequisite: MTH 308. (Spring, odd-even years)

**404. Real Analysis** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to real variable theory; construction and completeness of the real numbers; set theory; continuity, differentiability and measurability. Prerequisite: MTH 308. (Fall, even-odd years)

**475-476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Series available to achieve Departmental Honors. (Offered occasionally)

**490. Math Capstone** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course will satisfy the capstone requirement for the math major. Students will conduct a research project on an instructor's approved topic and present results in written and oral form. Prerequisites: COM 100; ENG 101. Corequisite: MTH 401, 402, 403, or 404. Open to juniors and seniors. (Offered occasionally)

## **MUS-Music**

**001. Instrumental Ensemble** 1 credit hour. Instrumental Ensemble band.

**002. Instrumental Ensemble** 1 credit hour. Instrumental Ensemble orchestra.

**005. Music Education Lab** 0 credit hours. Bi-weekly laboratory meeting emphasizing pedagogical methods, professional development, and the development of teaching skills in music classrooms at all levels. Lab includes observation of practice teaching, reflection upon personal skills, and sharing of teaching experiences. Course is graded as Pass/Fail. (Fall, Spring)

**051-058. Performance Class** 0 credit hours. This class provides an opportunity to collaborate on skills necessary for career building in the arts. Course topic will include productive methods of practicing, musicianship and interpretation, performance health, audition techniques, social media and entrepreneurship, and career building in the arts. In addition to presentations, guest lectures, and discussions, students will hone their craft with student, ensemble, and faculty performances in a safe and encouraging environment of peers. Course is graded as pass/fail. (Fall, Spring)

**091. Piano Proficiency Level I** 0 credit hours. All music majors must demonstrate a level of piano proficiency appropriate to their degree program as a graduation requirement. The piano proficiency evaluates proficiency in the following areas: technique, sight-reading, chord progressions, melody harmonization, and solo repertoire. Course is graded as Pass/Fail. Prerequisite: Music major, MUS 185. (Fall, Spring)

**092. Piano Proficiency Level II** 0 credit hours. The piano proficiency evaluates proficiency in the following areas: technique, sight-reading, accompanying, chord progressions, melody harmonization, melody transposition and solo repertoire. Course is graded as Pass/Fail. Prerequisite: Music major, MUS 091. (Fall, Spring)

**100. Major Ensemble (F)** 1 credit hour. A major ensemble at the 100-level is intended to be taken as the first year of ensemble participation. (Fall, Spring)

**100A. Concert Choir** Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. Each year, approximately fifteen concerts are performed. Open to all students. There is an additional fee with this course. Prerequisite: Choral Placement Audition.

**100B. University-Community Chorus** The University-Community Chorus performs in three major concerts per year. Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. A course fee is included. Open to all students, no audition necessary.

**100C. Symphony Orchestra** Performs regularly throughout the year. Repertoire is drawn from standard symphonic literature. Prerequisite: Audition to any student, faculty, staff, or community member.

**100D. Symphonic Band** The band performs regularly scheduled campus concerts, as well as festival, convention, and tour concerts on occasion. Literature is chosen from standard and contemporary band repertoire, utilizing various instrumental combinations. Membership is open to all music majors and non-majors, audition required. There is an additional fee with this course. Fall semester participation is in conjunction with the Marching Band (MUS 150).

**100E. Piano Chamber Music.** Open only to piano majors with permission of the instructor and director.

**104. Introduction to Piano (F)** 2 credit hours. This course involves group piano lessons, where various aspects of piano skills are introduced and refined. Skills developed will include: note literacy, basics of music theory, harmonization, sight-reading, solo repertoire, and ensemble playing. Introduction to piano is not a part of a music degree and will not count towards it. It is a preparatory level piano course that serves to introduce piano skills to the non-music major students. This class does not count as a music elective for music majors. (Spring)

- 105. Fundamentals of Music (F)** 2 credit hours. An introduction to the basic elements of reading and writing music: scales, intervals, triads, and seventh chords. Related skills in sight-singing, aural training, and keyboard will also be introduced. This course does not fulfill any degree requirements for music majors or minors. (Fall)
- 107. History and Literature of Classical Music** 2 credit hours. Introductory survey of the development of musical style, focusing on historic, cultural and social influences on music expression, composition and genres during the Classical period (approximately 1750–1825.) Each compositional technique will be explored with score study and listening examples. The course examines music primarily through listening, but a limited understanding of music notation is useful but not required. (Spring)
- 110. Introduction to the Teaching of Music and Related Careers (W)** 2 credit hours. Introduction to methods and techniques of teaching music to students ages 3–21, including the development of reading skills and beginning assessment skills. Introduction to the Ohio Curriculum model for music instruction. (Fall)
- 115. Teaching and Performing with Technology** 1 credit hour. An overview of music technology resources for the use of the professional teacher and musician. Students will gain access and direct experience with a variety of music technologies selected from: electronic music instruments, music production (recording), music notation, technology-assisted learning, and classroom tools. One lecture and one guided practice session per week. The course is offered for music majors; non-majors may take the course with the permission of the instructor. There is an additional fee with this course. (Fall, Spring.)
- 118. Italian and German Diction** 2 credit hours. Study of pronunciation by means of the International Phonetic Alphabet (IPA) especially as it pertains to lyric diction. Students will also receive thorough grounding in rules for pronunciation in Italian and German, with special emphasis given to performance of song literature. (Spring, even-odd years)
- 121. Music Theory I** 3 credit hours. An introduction to the guiding concepts of music, including basic parameters, key signatures, scales, intervals and triadic harmony. The principles of four-part writing will also be introduced. Beginning analytical skills will be developed through appropriate score study. Prior reading skills in treble/bass clef and knowledge of music fundamentals is strongly recommended. (Fall)
- 122. Music Theory II** 3 credit hours. Continued study of the fundamentals of music. Topics to be covered include modal scales, traditional phrase structures, cadences, non-chord tones, secondary function and diatonic modulation. Continued work in the development of skills in part-writing and analysis. Prerequisite: MUS 121. (Spring)
- 123. Aural Training I** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.  
An introduction to skills in sight-singing and aural identification of musical elements. Skills include the employment of solfege syllables to sing diatonic melodies, both prepared and at sight. Ear-training skills include the identification of scales, intervals and triads. Music dictation skills employing simple rhythmic and melodic ideas are also introduced. Basic music reading skills in treble/bass clef are expected. Music majors must take a music theory placement exam. One lecture and one guided practice session per week. Corequisite: MUS 121. (Fall)
- 124. Aural Training II** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.  
Continued practice of the skills developed in MUS 123. Additional topics include sight-singing skills in advanced diatonic and modal melodies, varied meters; ear training skills related to cadence identification, triadic harmony, including seventh chords; more advanced single-line rhythmic and melodic dictation. One lecture and one guided practice session per week. Prerequisite: MUS 123. Corequisite: MUS 122. (Spring)
- 125–126A–U. Major Performance Area Instruction** 1–3 credit hours. This course is a private lesson in the major applied area of instruction. Each section designates the applied area. For first year music or musical theatre majors. There is an additional fee with this course. (Fall, Spring)
- 127–128A–U. Non-Major Performance Area Instruction (F)** 1–2 credit hours. This course is a private lesson in an applied area of instruction for non-majors or a secondary area of applied study. Each section designates the applied area. Prerequisite for MUS 127U is MUS 121, 123 or permission of instructor. There is an additional fee with this course. (Fall, Spring)
- 141. Opera Workshop (F)** 0 credit hours. Instruction and experience in the fundamentals of opera performance and production, including stage movement, role preparation and opera characterization with a final project of an evening of excerpts from the Musical Drama repertoire. (Spring)
- 142. Opera and Musical Theatre** 0–1 credit hours. Instruction and experience in performance and production of a full opera or musical theatre performance. Specific attention to musical and character preparation of a complete opera or musical theatre role and production problems of mounting a full production. This course is reserved for chorus, and small principal roles within an opera or musical theatre. This course may be repeated for credit up to four times. Prerequisites: By audition or permission of the instructor only. (Fall)
- 149. Understanding and Enjoying Music (F)** 3 credit hours. This course is designed to help students critically listen to and develop an enjoyment of music history. Students will understand, recognize and enjoy a wide variety of musical forms and formats. A practical knowledge of music is achieved through a variety of guided listening, group discussion, performance opportunities and lecture experiences. Students will develop an understanding of significant composers and musicians, as well as music's contributions to the overall history of Western culture. This course is designed for non-music majors. Music majors will not receive elective credit for this course. (Spring, even-odd years)
- 150. Small Ensemble** 0 credit hours. A small ensemble at the 100-level is intended to be taken as the first year of ensemble participation. (Fall, Spring)

**150A. Chamber Singers** The Chamber Singers is a highly select group of versatile singers who perform a wide variety of unaccompanied choral literature drawn primarily from the Renaissance, Romantic, and Contemporary eras. Members are selected from Concert Choir.

**150B. Hei-Notes** The Hei-Notes are a select group of versatile singers and dancers with a repertoire that includes Popular, Broadway, a capella and Jazz music. The ensemble performs for University, civic and school organizations. This course has an additional fee. Members are selected by audition.

**150C. Jazz Ensemble** Repertoire includes contemporary styles and traditional styles. Ability to improvise not necessary. Open to all students.

**150D. Other Ensembles** Ensembles include Brass Band, Trumpet Ensemble, Saxophone Quartet, Flute Ensemble, Clarinet Choir; Percussion Ensemble; Tuba/Euphonium Ensemble; Trombone Choir and others according to demand.

**150E. Marching Band** Performs at University football games, other select occasions on the campus, and other community and regional events. The ensemble performs a variety of musical styles and genres. Membership is open to music majors and non-majors. This course has an additional fee. Participation in the Marching Band includes a Marching Band camp before the start of classes. (Fall)

**151. American Musical Theater** (F) 3 credit hours. This course explores the history and development of American Musical Theater as a unique art form, from its origins in opera and operetta, to contemporary Broadway-style productions. It will include the historical development of musical theater, with emphasis on its relation to American culture. It will examine the evolution of plot, lyrics, and musical styles in both comedy and drama. Students will have direct experience with musical theater by viewing live and recorded performances. (Fall, odd-even years)

**152. American Popular Music** (F) 3 credit hours. This course explores the roots, history, and development of popular music forms in the United States, from the early influences of Vaudeville and Tin Pan Alley, through early rock 'n' roll, the effects of the "British Invasion" on American music, the rise of "Country" music, and other contemporary styles. The course will have an emphasis on the relationship of the music to American culture. Students will have direct experience with listening to, analyzing, and possibly creating popular forms of music. (Spring, even-odd years)

**153. Music in the Movies** (F) 3 credit hours. An introduction to the history and development of music in film, from the Silent era through contemporary cinema. Through readings, lecture, class discussion and film viewing, students will begin to understand the relationship between music and the visual images that are presented on the screen. The course will also demonstrate how musical styles change and expand in the service of this relationship. (Spring, odd-even years)

**154. Jazz in America** (F) 3 credit hours. This course explores the history and development of jazz music, including blues, gospel, African forms, and other popular music which contributed to the development of jazz. It will trace the historical growth of jazz, with an emphasis on jazz styles as a reflection of American culture. It will also examine the effects of segregation and racism on the growth of jazz, and the seminal role of African-American musicians in jazz history. The improvisatory nature of jazz will be explored, and students will attend live performances and have direct experience with jazz improvisation. (Fall, even-odd years)

**159. Introduction to Music Therapy** 3 credit hours. An overview of the field of music therapy, including working with diverse populations, varied approaches to therapeutic musical practices, and professional program skills and characteristics required of practicing music therapists. (Fall, odd-even years)

**161. Composing with Digital Music Technology** 2 credit hours. Introduction to the basic principles of synthesis through the use of contemporary software programs. Studies in the course will include elementary principles of musical sound and acoustics as they apply to the production of electronic music. Students will undertake creative assignments related to the development of skills in sequencing and sampling. There is an additional fee with this course. Prerequisite: MUS 121 (Fall, odd-even years)

**163. Beginning Voice Class** 1 credit hour. Fundamental vocal technique for singing. Introduction to the body for singing, breath mechanics, tonal resonance and registration, diction for singing, and vocal health. Practical application of technique to beginning song literature. One lecture and one guided practice session per week. (Fall)

**167. Introduction to Musical Theatre Styles** 1 credit hour. A study of fundamental vocal technique including posture, respiration, phonation, resonance, and registration with a focus on musical theatre style, repertoire and performance practice. Practical application of techniques will focus on American Songbook and Golden Age musical theatre styles. One lecture and one guided practice session per week. (Fall)

**185. Piano Class I** 2 credit hours. An introductory course that familiarizes students with basic aspects of music theory, sight-reading, harmonization of melodies, transposition, and improvisation while focusing on building the foundation of piano technique. Prior reading skills and knowledge of fundamentals is strongly recommended. Prior experience on the piano is not required. (Fall)

**186. Piano Class II** 2 credit hours. Continued study of the fundamentals of piano technique. Skills covered at the intermediate level include: sight-reading, harmonization of melodies, transposition, improvisation, ensemble reading, and accompanying. This course serves as preparation for the level 1 piano proficiency exam. Prerequisite: MUS 185, Corequisite: MUS 091. (Spring)

**200. Major Ensemble** (F) 1 credit hour. A major ensemble at the 200-level is intended to be taken as the second year of ensemble participation. Prerequisite: MUS 100. (Fall, Spring)



**200A. Concert Choir** Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. Each year, approximately fifteen concerts are performed. There is an additional fee with this course. Open to all students. Prerequisite: Choral Placement Audition.

**200B. University-Community Chorus** The University-Community Chorus performs in three major concerts per year. Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. A course fee is included. Open to all students, no audition necessary.

**200C. Symphony Orchestra** Performs regularly throughout the year. Repertoire is drawn from standard symphonic literature. Prerequisite: Audition to any student, faculty, staff, or community member.

**200D. Symphonic Band** The band performs regularly scheduled campus concerts, as well as festival, convention, and tour concerts on occasion. Literature is chosen from standard and contemporary band repertoire, utilizing various instrumental combinations. Membership is open to all music majors and non-majors, audition required. There is an additional fee with this course. Fall semester participation is in conjunction with the Marching Band (MUS 250).

**200E. Piano Chamber Music** Open only to piano majors with permission of the instructor and director. Prerequisite: MUS 100E.

**209. Eighteenth Century Counterpoint 2** credit hours. Study of contrapuntal techniques in periods other than the 16th century, with particular emphasis on Bach's style. Writing of inventions and fugues. Prerequisite: MUS 222, 224 or permission of instructor. (Spring, even-odd years)

**211. Journey of the Blues (H)** 3 credit hours. This course follows the black experience in America through the music, poetry, and history of its soundtrack, the 12-bar AAB "country" blues. The class will study, perform, and critique blues as they emerged in and around the Mississippi Delta, traveled north to Chicago, and headed out into the white worlds. Students may have the option to participate in a class trip to the Mississippi Delta. Students with credit in Special Topics: Journey of the Blues will not receive additional credit. (Fall)

**213. World Music (R)(W)(G)** 2 credit hours. An introduction to the discipline of ethnomusicology. This course will examine the music of diverse cultures, with a special emphasis on non-western music, both traditional and popular. Social and cultural backgrounds of selected geographic regions will be explored in terms of their influence on musical traditions. Structured listening and performance experiences both in and out of the classroom will enable students to develop an expanded vision of musical style and expression. Background/knowledge in music is very helpful. Recommended background courses for non-majors: MUS 107 or 149; MUS 121. (Fall and Spring)

**216. Conducting I (Choral) (R)** 2 credit hours. A study of conducting emphasizing leadership, listening, and communication skills. Special attention will be given to conducting gestures, score preparation, singing and keyboard skills, and rehearsal techniques. Prerequisites: MUS 122, 124; knowledge of the piano and some choral experience recommended. (Spring)

**218. Latin and French Diction 2** credit hours. Study of pronunciation by means of the International Phonetic Alphabet (IPA) especially as it pertains to lyric dictation. Students will also receive thorough grounding in rules for pronunciation in Latin and French, with special emphasis given to performance of song literature. Prior instruction in the French language is highly recommended (FRN 101, 102). (Fall, odd-even years)

**218. Latin and French Diction 2** credit hours. Study of pronunciation by means of the International Phonetic Alphabet (IPA) especially as it pertains to lyric dictation. Students will also receive thorough grounding in rules for pronunciation in Latin and French, with special emphasis given to performance of song literature. Prior instruction in the French language is highly recommended (FRN 101, 102). (Fall, odd-even years)

**221. Music Theory III** 3 credit hours. Advanced study in the area of music theory. Written skills developed in MUS 121-122 are reviewed and expanded, including experiences with contrapuntal writing based on 16th and 18th century practice. A study of choral arranging techniques provides the application of written skills to real-life practice. Analytical skills are applied to each area of study in the course, in addition to an overview of binary and ternary-based forms. Prerequisite: MUS 122. (Fall)

**222. Music Theory IV** 3 credit hours. A study of selected compositional techniques of the 20th and 21st centuries. A brief introduction to 19th century compositional practice provides the groundwork for the study of 20th century alternatives to traditional tonality, including non-functional harmony, non-triadic harmony, synthetic scales, atonality, and serialism. 20th century approaches to rhythm and meter are also introduced. Additional compositional techniques from more recent decades are presented, selected from the following areas; multi-serialism, aleatoric/chance music, extended performance techniques for voices and instruments, minimalism, and other, more recent eclectic practices. Written and analytical skills related to music of these periods are included. Prerequisite: MUS 221. (Spring)

**223. Aural Training III** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0. Additional work towards the development of skills in sight singing and ear training. Expanded sight singing skills subdivision of the beat, further use of diatonic leaps, and modal melody. Ear-training skills include the

introduction of 2-part dictation in addition to continued practice with aural training fundamentals. One lecture and one guided practice session per week. Prerequisite: MUS 124. Corequisite for BME majors: MUS 221. (Fall)

**224. Aural Training IV** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Advanced study in sight-singing and aural training skills. Sight-singing skills related to modern era practice, including the use of melodies that feature contemporary scales, asymmetric meter, atonal pitch collections, secondary function, and modulation. Ear training skills include work in four-part dictation, identification of contemporary harmonic/rhythmic structures. One lecture and one guided practice session per week. Prerequisite: MUS 223. Corequisite for BME majors: MUS 222. (Spring)

**225-226A-U. Major Performance Area Instruction** 1-3 credit hours. This course is for second year music and musical theatre majors with a private music lesson in the applied area. Prerequisite: MUS 126. There is an additional fee with this course. (Fall, Spring)

**227-228A-U. Non-Major Performance Area Instruction** (F) 1-2 credit hours. This course is for second year non-music majors with a private music lesson in the applied area. Prerequisite: MUS 128. There is an additional fee with this course. (Fall, Spring)

**240. Audio Recording and Production** 2 credit hours. This course explores the fundamental concepts and practices involved in the recording and production of audio. Students will be introduced to techniques and principles that cover the pre-production, recording, mixing, and mastering processes. Students will have direct experience in a studio environment that will culminate in the completion of an audio project. Students will also have an opportunity to tour a professional-level recording studio. (Spring, even-odd years)

**241. Opera Workshop** (F) 0-1 credit hours. Instruction and experience in the fundamentals of opera performance and production, including stage movement, role preparation and opera characterization with a final project of an evening of excerpts from the Musical Drama repertoire. (Spring)

**246. History and Literature of the Romantic and Twentieth Century Periods** (W) 3 credit hours. This course is a continuation of MUS 107. Completion of MUS 107 is highly recommended, although not required. MUS 246 is a continuing examination of the means and development of artistic expression, as well as social, cultural, and historical influences on musical composition and literature. Covers the years 1825 to the present. Prerequisites MUS 121, 122. Pre or Corequisites: COM 100, WRI 101. (Fall)

**247. History and Literature of the Medieval, Renaissance and Baroque Periods** 3 credit hours. A survey of the development of musical style, focusing on historical, cultural, and social influences on musical expression, composition, and literature during the years 450-1750 AD. Relationships to other modes of artistic expression are explored, as well as common influences on artistic development, and the purposes of artistic expression. It is highly recommended that students complete MUS 107 and 246 before taking MUS 247 to gain needed skills in score analysis, but not required. Prerequisite: MUS 121, 122. (Spring)

**250. Small Ensemble** 0 credit hours. A small ensemble at the 200-level is intended to be taken as the second year of ensemble participation. Prerequisite: MUS 150. (Fall, Spring)

**250A. Chamber Singers** The Chamber Singers is a highly select group of versatile singers who perform a wide variety of unaccompanied choral literature drawn primarily from the Renaissance, Romantic, and Contemporary eras. Members are selected from Concert Choir. Prerequisite: MUS 150A.

**250B. Hei-Notes** The Hei-Notes are a select group of versatile singers and dancers with a repertoire that includes Popular, Broadway, a capella and Jazz music. The ensemble performs for University, civic and school organizations. This course has an additional fee. Members are selected by audition. Prerequisite: MUS 150B.

**250C. Jazz Ensemble** Repertoire includes contemporary styles and traditional styles. Ability to improvise not necessary. Open to all students. Prerequisite: MUS 150C.

**250D. Other Ensembles** Ensembles include Brass Band, Trumpet Ensemble, Saxophone Quartet, Flute Ensemble, Clarinet Choir; Percussion Ensemble; Tuba/Euphonium Ensemble; Trombone Choir and others according to demand. Prerequisite: 150D.

**250E. Marching Band** Performs at University football games, other select occasions on the campus, and other community and regional events. The ensemble performs a variety of musical styles and genres. Membership is open to music majors and non-majors. This course has an additional fee. Participation in the Marching Band includes a Marching Band camp before the start of classes. (Fall) Prerequisite: MUS 150E.

**270. Percussion Class** 1 credit hour. The study of percussion instruments, methods and materials in a class setting. Instructional materials and strategies appropriate to the teaching of middle childhood and AYA. One lecture and one guided practice session per week (Spring, odd-even years)

**273. Woodwinds Class** 1 credit hour. This course is designed to prepare music education students to teach beginning and intermediate level students. Teaching and playing competencies are focused on the clarinet and the flute. The study of methodology, instructional planning, and resource materials will be included with techniques for successful instruction. This course has an additional fee. One lecture and one guided practice session per week (Fall, odd-even years)

**274. Woodwinds Class** 1 credit hour. This course is designed to prepare music education students to teach beginning and intermediate level students. Teaching and playing competencies are focused on the saxophone, oboe, and bassoon. The study of methodology, instructional planning, and resource materials will be included with techniques for successful instruction. This course has an additional fee. One lecture and one guided practice session per week (Spring, odd-even years.)



- 285. Piano Class III** 2 credit hours. Advanced group keyboard studies focused on the skills needed for today's diverse classrooms and music education students. Further refinement of piano technique, sight-reading, transposition, ensemble playing, and score reading. This course serves as preparation for the level 2 piano proficiency exam (required for all music education majors.) Prerequisite: MUS 186, Successful completion of MUS 091 or permission of instructor. Corequisite: MUS 092. (Fall)
- 286. Piano Class IV** 1 credit hour. Continued advanced keyboard studies. Additional focus and practice of proper piano technique, transposition, sight-reading, accompanying, harmonization, improvisation with a special focus on application of keyboard skills to various classroom and ensemble environments. One lecture and one guided practice session per week. Prerequisite: MUS 285 (Spring)
- 291. Piano Accompanying I** 1 credit hour. Practical acquaintance with literature and technique of accompanying. Requires permission of instructor. (Offered occasionally)
- 292. Piano Accompanying II** 1 credit hour. Practical acquaintance with literature and technique of accompanying. Requires permission of instructor. (Offered occasionally)
- 300. Major Ensemble (F)** 1 credit hour. A major ensemble at the 300-level is intended to be taken as the third year of ensemble participation. Prerequisite: MUS 200. (Fall, Spring)
- 300A. Concert Choir** Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. Each year, approximately fifteen concerts are performed. There is an additional fee with this course. Open to all students. Prerequisite: Choral Placement Audition.
- 300B. University-Community Chorus** The University-Community Chorus performs in three major concerts per year. Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. A course fee is included. Open to all students, no audition necessary.
- 300C. Symphony Orchestra** Performs regularly throughout the year. Repertoire is drawn from standard symphonic literature. Prerequisite: Audition to any student, faculty, staff, or community member.
- 300D. Symphonic Band** The band performs regularly scheduled campus concerts, as well as festival, convention, and tour concerts on occasion. Literature is chosen from standard and contemporary band repertoire, utilizing various instrumental combinations. Membership is open to all music majors and non-majors, audition required. There is an additional fee with this course. Fall semester participation is in conjunction with the Marching Band (MUS 350).
- 300E. Piano Chamber Music** Open only to piano majors with permission of the instructor and director. Prerequisite: MUS 200E.
- 307. Music of the Early Twentieth Century** 3 credit hours. Examination of selected composers, compositional techniques and aesthetics trends in music from the first half of the twentieth century. Prerequisite: MUS 222 and 224 or permission of the instructor. Course continuation MUS 308. (Fall, even-odd years)
- 308. New Directions in Music** 2 credit hours. Examination of selected composers, compositional techniques and aesthetic trends in music of the modern era, with emphasis on music composed since 1945. Prerequisite MUS 222 and 224, or permission of the instructor. MUS 307 is recommended. (Spring, even-odd years)
- 309. Counterpoint** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
An overview of contrapuntal techniques and textures throughout the history of Western music. Score study and written assignments enable students to use polyphonic writing in a creative manner. Prerequisites: MUS 222, 224 or permission of instructor. (Offered occasionally)
- 310. Counterpoint II** 2 credit hours. Continuation of Counterpoint 309, culminating in the writing of four-voice and polychoral motets and mass movements. Prerequisite: Counterpoint 309. (Spring, even-odd years)
- 312. Writing and Arranging for Instrumental Ensembles** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.  
An overview of the basic capabilities of string, wind, and percussion instruments and how to use this information to create effective compositions/arrangements for instrumental ensembles of various sizes. Score study and arranging/transcription assignments provide opportunities for students to develop instrumental scoring and arranging techniques. Prerequisites: MUS 221, 223. (Fall)
- 313. Form and Analysis** 2 credit hours. Introduction to analytical theory and its application to practical analysis of selected scores. Prerequisites: MUS 124, 222. (Spring)
- 316. Conducting II (Instrumental)** 2 credit hours. Orchestra and band conducting and rehearsal techniques. Baton technique, with practice in reading from full score. Prerequisites: MUS 122, 124, 216: Knowledge of the piano and some band or orchestral experience desirable. (Fall)
- 318. Music Industry** 3 credit hours. A course designed to integrate the individual music and business courses. Copyright laws; publishing of music; performing rights; manufacturing, distribution, repair and salesmanship of instruments; recording; tapes; the retail store; arts management; etc. are among the subjects covered. (Offered occasionally)

- 321. Piano Pedagogy** (a) or Literature (b) 2 credit hours, each semester. Offered alternately. Pedagogy (a) involves the study of pedagogical principles and systems of piano instruction. Literature (b) examines literature for piano and associated keyboard instruction from 18th century to present. Advanced study of either of the above areas may be combined in an Independent Study Course. Literature (b) is required for piano performance majors; both (a) and (b) are required for pedagogy majors. (Offered occasionally)
- 322. Organ Literature** 2 credit hours. A survey of organ literature in relation to the development of the instrument from the 16th century to the present. Special emphasis is placed on registration techniques and performance practices implicit in the historical evolution of national styles. Limited study is given to pedagogical methods and materials. (Offered occasionally)
- 325-326A-U. Major Performance Area Instruction** 1-3 credit hours. This course is for third year music and musical theatre majors with a private music lesson in the applied area. Prerequisite: MUS 226. There is an additional fee with this course.
- 327-328A-U. Non-Major Performance Area Instruction** (F) 1-2 credit hours. This course is for third year non-music majors with a private music lesson in the applied area. Prerequisite: MUS 228. There is an additional fee with this course.
- 329. The Care and Repair of Instruments** 2 credit hours. Care and repair devoted to wind and percussion instruments. (Offered occasionally)
- 330. The Care and Repair of Instruments** 2 credit hours. Care and repair devoted to stringed instruments and piano. Prerequisite: MUS 329. (Offered occasionally)
- 335. Instrumental Pedagogy and Materials** 1-2 credit hours. Sections: (a) Brass, (b) Woodwind, (c) String, (d) Percussion. An examination of materials and methodology for the teaching of instrumental music in designated family groupings. Emphasis is given to differing approaches for teaching the instruments in private and group settings, and sources of solo and small ensemble materials. Limited study is given to historical development of the instrumental families. (Offered occasionally)
- 336. Choral Literature and Material** 2 credit hours. Practical survey of choral literature. Emphasis on historical styles, sources and evaluation of materials, interpretation and repertoire. Prerequisite: MUS 216. (Offered occasionally)
- 337. Music and the Liberal Arts** (R)(F) 3 credit hours. Through readings, research, and discussions of music and the liberal arts, students will explore the aesthetic contributions of music to the creation and evolution of world cultures. Music will be explored as a creative, rhetorical and inspirational art form and linked to interdisciplinary studies. This course is repeatable under different titles with instructor permission. (Fall, Spring)
- 339. Piano for Composition Majors** 1 credit hour. To develop piano skills commonly used by composers, the course will focus on: scales, basic chord progressions, open score reading (instrumental and choral) which includes playing selected voices, performance of excerpts utilizing one or more transposing instruments as well as alto and tenor clefs, harmonization of melodies at sight including common chromatic harmonies, transposition of single line melodies, harmonic reduction, and figured bass. Sight reading of accompaniments and four-hand music. Preparation of solo literature. Prerequisite: MUS 091.
- 340. Piano for Composition Majors** 1 credit hour. A continuation of developing piano skills commonly used by composers, the course will focus on: scales, basic chord progressions, open score reading (instrumental and choral) which includes playing selected voices, performance of excerpts utilizing one or more transposing instruments as well as alto and tenor clefs, harmonization of melodies at sight including common chromatic harmonies, transposition of single line melodies, harmonic reduction, and figured bass. Sight reading of accompaniments and four-hand music. Preparation of solo literature. Prerequisite: MUS 091.
- 341. Opera Workshop** (F) 0-2 credit hours. Instruction and experience in the fundamentals of opera performance and production, including stage movement, role preparation and opera characterization with a final project of an evening of excerpts from the Musical Drama repertoire. (Spring)
- 342. Opera and Musical Theatre** 1-2 credit hours. Instruction and experience in performance and production of a full opera or musical theatre performance. Specific attention to musical and character preparation of a complete opera or musical theatre role. This course is reserved for principal roles within an opera or musical theatre. This course may be repeated for credit up to four times. Prerequisites: By audition or permission of the instructor only. (Fall)
- 350. Small Ensemble** 0 credit hours A small ensemble at the 300-level is intended to be taken as the third year of ensemble participation. Prerequisite: MUS 250. (Fall, Spring)
- 350A. Chamber Singers** The Chamber Singers is a highly select group of versatile singers who perform a wide variety of unaccompanied choral literature drawn primarily from the Renaissance, Romantic, and Contemporary eras. Members are selected from Concert Choir. Prerequisite: MUS 250A.
- 350B. Hei-Notes** The Hei-Notes are a select group of versatile singers and dancers with a repertoire that includes Popular, Broadway, a capella and Jazz music. The ensemble performs for University, civic and school organizations. This course has an additional fee. Members are selected by audition. Prerequisite: MUS 250B.
- 350C. Jazz Ensemble** Repertoire includes contemporary styles and traditional styles. Ability to improvise not necessary. Open to all students Prerequisite: MUS 250C.

**350D. Other Ensembles** Ensembles include Brass Band, Trumpet Ensemble, Saxophone Quartet, Flute Ensemble, Clarinet Choir; Percussion Ensemble; Tuba/Euphonium Ensemble; Trombone Choir and others according to demand. Prerequisite: MUS 250D.

**350E. Marching Band** Performs at University football games, other select occasions on the campus, and other community and regional events. The ensemble performs a variety of musical styles and genres. Membership is open to music majors and non-majors. This course has an additional fee. Participation in the Marching Band includes a Marching Band camp before the start of classes. Prerequisite: MUS 250E. (Fall)

**363. Music Education in Early Childhood and Elementary School (R)** 3 credit hours. A survey of music teaching skills, knowledge, and methods applicable to age 3 through middle school and junior high school. Special attention given to contemporary developments in music education and developmental stages of children. Coursework includes a survey of age-appropriate media and resources for teaching music. Incorporates appropriate Ohio Curriculum models and National Standards for Music Education. Field experience, including observations and live teaching demonstrations, are required. Prerequisites: MUS 216, 222, 224. (Fall)

**368. Studio Management** 2 credit hours. A course designed to explore the following areas of private teaching studio management: contracts, taxes, budgets, personnel, advertising program development, equipment, physical plant, scheduling and leasing. (Offered occasionally)

**369. Leadership and Entrepreneurship in the Arts (R)** 3 credit hours. This course will introduce leadership in the arts as a way of thinking and being. Exploration into what it means to be an entrepreneurial musician/artist with attention to business and personal management skills that are essential to the development of a career will be addressed throughout the course. Self-assessment will help students understand and realize their own strengths and aspirations while also providing an avenue to develop necessary skills for success. Audience development, creative problem solving and leveraging resources are items in a comprehensive overview of skills for pursuing arts ventures. (Spring, odd-even years)

**370. Music Internship** 0-6 credit hours. Permission required from chair of department. (Fall, Spring)

**371. Brass Class** 1 credit hour. The study of brass instruments, methods and materials in a classroom setting. Instructional materials and strategies appropriate to the teaching of middle childhood and AYA. One lecture and one guided practice session per week. (Spring, even-odd)

**373. Choral Music Education in the Secondary Curriculum (R)** 2 credit hours. A survey of music teaching skills, knowledge, and methods applicable to the middle age and adolescent choral curriculum. Coursework includes the development of personal philosophies of music teaching; philosophies and rationales for ensemble structure and literature selection; practical knowledge of the adolescent changing voice; advanced skills and techniques in score analysis and preparation; music literacy skills in choral music, and rehearsal techniques and applications of music theory, music history, conducting, singing, and keyboard skills for choral performing organizations. Incorporates appropriate Ohio curriculum models and National Standards for Music Education. A minimum of 25 hours of field experience in a junior high and/or high school choral setting, including no more than 5 hours of observations and no less than 20 hours of live teaching demonstrations, is required. The field placement will have a duration of 7-8 weeks and will be supervised by the instructor of record. There is an additional fee with this course. Prerequisites: MUS 092, 316, 363. Corequisite: MUS 374 (Spring)

**374. Instrumental Music Education in the Secondary Curriculum (R)(W)** 2 credit hours. A survey of music teaching methods applicable to the middle age and adolescent school instrumental curriculum. Coursework includes development of reading skills in instrumental music, as well as rehearsal techniques for instrumental performing organizations. Coursework includes assessment and interpreting research in music education. Incorporates appropriate Ohio Curriculum models and National Standards for Music Education. A minimum of 25 hours of field experience in a junior high and/or high school instrumental setting, including no more than 5 hours of observations and no less than 20 hours of live teaching demonstrations, is required. The field placement will have a duration of 7-8 weeks and will be supervised by the instructor of record. There is an additional fee with this course. Prerequisites: MUS 092, 316, 363. Corequisites: MUS 373, 375. (Spring)

**375. Marching Band Techniques** 1 credit hour. An analysis of marching band show design, including historical styles of band shows, choosing and analyzing appropriate music, techniques of field design, computer-assisted design models, and the effective teaching of marching techniques. Students will develop a field show as part of course requirements. Prerequisite: must take concurrently with MUS 374. (Spring)

**379. Strings Class** 1 credit hour. Fundamental fingering and bowing studies for stringed instruments (violin, viola, violoncello and string bass), with emphasis on class methods and materials appropriate for early and middle childhood instruction. Introduction to the Suzuki string method. One lecture and one guided practice session per week. (Fall, even-odd years)

**391. Piano Accompanying** 1 credit hour. Practical acquaintance with literature and technique of accompanying. Prerequisite: permission of instructor. (Offered occasionally)

**392. Piano Accompanying** 1 credit hour. Practical acquaintance with literature and technique of accompanying. Prerequisite: permission of instructor. (Offered occasionally)

**395, 396. Seminars and Independent Study** 1-4 credit hours. Seminars treat areas of study not covered by other theoretical courses. Approach and content of course are flexible, responding both to traditional and contemporary modes of thought. Students with proven ability may undertake projects, compositions, arrangements or performances under supervision of adviser and department chair. Prerequisite: Junior standing in music and permission of department chair.

**397. Chamber Music** 1 credit hour. Small ensemble performance for instrumental majors, pianists, vocalists and combinations. Arrangements must be made prior to registration with the appropriate applied teacher. (Offered occasionally)

**398. Chamber Music** 1 credit hour. Small ensemble performance for instrumental majors, pianists, vocalists and combinations. Arrangements must be made prior to registration with the appropriate applied teacher. (Offered occasionally)

**400. Major Ensemble** (F) 1 credit hour. A major ensemble at the 400-level is intended to be taken as the fourth year of ensemble participation. Prerequisite: MUS 300. (Fall, Spring)

**400A. Concert Choir** Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. Each year, approximately fifteen concerts are performed. There is an additional fee with this course. Open to all students. Prerequisite: Choral Placement Audition.

**400B. University-Community Chorus** The University-Community Chorus performs in three major concerts per year. Students are expected to develop and apply the following skills: sight-reading, pitch and rhythm reading, tempo maintenance, free and resonant tone production, sectional blend and ensemble balance, diction, posture, dynamics, phrasing, interpretation, memorization, and facial expression; listening, analyzing, describing, and evaluating music and musical performances; and understanding music in relation to history and culture; and the role each of these plays in the artistic/aesthetic musical experience. A course fee is included. Open to all students, no audition necessary.

**400C. Symphony Orchestra** Performs regularly throughout the year. Repertoire is drawn from standard symphonic literature. Prerequisite: Audition to any student, faculty, staff, or community member.

**400D. Symphonic Band** The band performs regularly scheduled campus concerts, as well as festival, convention, and tour concerts on occasion. Literature is chosen from standard and contemporary band repertoire, utilizing various instrumental combinations. Membership is open to all music majors and non-majors, audition required. There is an additional fee with this course. Fall semester participation is in conjunction with the Marching Band (MUS 450).

**400E. Piano Chamber Music** Open only to piano majors with permission of the instructor and director. Prerequisite: MUS 300E.

**410. Pedagogy** 2 credit hours. Practical application of pedagogical principles to study of music theory. (Spring, even-odd years)

**411. History of Theory** 2 credit hours. An examination of the writings of music theorists from antiquity to present, with an emphasis on the development of music theory through various historical periods. (Offered occasionally)

**415. Vocal Pedagogy** 2 credit hours. This course will focus on both the technical and practical elements of vocal pedagogy, exploring the basic elements of vocal anatomy, respiration, phonation, resonance, and registration. In addition, the course will discuss the establishing of a private studio and its challenges, ranging from choosing the right repertoire for students to the diagnosis of possible vocal injuries. (Fall, even-odd years)

**425-426A-U. Major Performance Area Instruction** 1-3 credit hours. This course is for fourth year music or musical theatre majors with a private music lesson in the applied area. Prerequisite: MUS 326. There is an additional fee with this course. (Fall, Spring)

**427-428A-U. Non-Major Performance Area Instruction** (F) 1-2 credit hours. This course is for first year non-music majors with a private music lesson in the applied area. Prerequisite: MUS 328. There is an additional fee with this course. (Fall, Spring)

**441. Opera Workshop** (F) 0-2 credit hours. Instruction and experience in the fundamentals of opera performance and production, including stage movement, role preparation and opera characterization with a final project of an evening of excerpts from the Musical Drama repertoire. (Spring)

**450. Small Ensemble** 0 credit hours. A small ensemble at the 400-level is intended to be taken as the fourth year of ensemble participation. Prerequisite: MUS 350. (Fall, Spring)

**450A. Chamber Singers** The Chamber Singers is a highly select group of versatile singers who perform a wide variety of unaccompanied choral literature drawn primarily from the Renaissance, Romantic, and Contemporary eras. Members are selected from Concert Choir. Prerequisite: MUS 350A.

**450B. Hei-Notes** The Hei-Notes are a select group of versatile singers and dancers with a repertoire that includes Popular, Broadway, a capella and Jazz music. The ensemble performs for University, civic and school organizations. This course has an additional fee. Members are selected by audition. Prerequisite: MUS 350B.

**450C. Jazz Ensemble** Repertoire includes contemporary styles and traditional styles. Ability to improvise not necessary. Open to all students Prerequisite: MUS 350C.

**450D. Other Ensembles** Ensembles include Brass Band, Trumpet Ensemble, Saxophone Quartet, Flute Ensemble, Clarinet Choir; Percussion Ensemble; Tuba/Euphonium Ensemble; Trombone Choir and others according to demand. Prerequisite: MUS 350D.

**450E. Marching Band** Performs at University football games, other select occasions on the campus, and other community and regional events. The ensemble performs a variety of musical styles and genres. Membership is open to music majors and non-majors. This course has an additional fee. Participation in the Marching Band includes a Marching Band camp before the start of classes. Prerequisite: MUS 350E. (Fall)

**490. Composition Portfolio** 0 credit hours. Students in the Bachelor of Music program in Composition and Theory will submit a portfolio of their completed compositions to their primary teacher for review and final approval. The portfolio will include compositions that are featured on the student's Junior and Senior recitals, in addition to other selected works and assignments that the student has completed during the program. Students will sign up for this course in the semester that they anticipate completing this degree requirement. (Offered occasionally)

**492. Song Literature** 2 credit hours. A survey of the solo song repertoire, paying close attention to the seminal composers and poets who most influenced the development and evolution of the art song. (Spring, odd-even years)

**495, 496. Seminars and Independent Study** 1-4 credit hours. Seminars treat areas of study not covered by other theoretical courses. Approach and content of course are flexible, responding both to traditional and contemporary modes of thought. Students with proven ability may undertake projects, compositions, arrangements or performances under supervision of adviser and department chair. Prerequisite: Junior standing in music and permission of department chair.

**497. Chamber Music** 1 credit hour. Small ensemble performance for instrumental majors, pianists, vocalists and combinations. Arrangements must be made prior to registration with the appropriate applied teacher.

**498. Chamber Music** 1 credit hour. Small ensemble performance for instrumental majors, pianists, vocalists and combinations. Arrangements must be made prior to registration with the appropriate applied teacher.

**499. Senior Recital/Project** 0 credit hours. Students will prepare a public performance of literature written for their chosen instrumental or vocal area. This course fulfills the capstone requirement. Corequisite: MUS 425 or 426. Prerequisites: COM 100; WRI 101. (Fall, Spring)

## **NDI-Non-Departmental and Integrated Studies**

The University has traditionally provided opportunities for courses which integrate topics from various disciplines. In addition, this category includes courses which bring greater innovation and flexibility to the curriculum. Some of these courses satisfy parts of the General Education Requirements or parts of the requirements for specific majors.

**090. Turning Points** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Explores strategies for academic success and personal management and techniques for implementation of those strategies. The course focuses on skills and resources necessary to improve academic standing and achieve success in college. Topics include: academic probation policies, goal accomplishment, campus resources, time management, library skills, and academic improvement strategies. This course does not fulfill any degree requirements of any major, nor can it be applied toward hours required for graduation. Placement into this course will be determined by semester GPA. (Fall, Spring)

**100. University Studies** 1-6 credit hours. Recitation: 1-3. Laboratory: 0. Alternative Mode: 0.

Courses designed to complement departmental studies by examining problems which are interdisciplinary in nature or which lie outside the boundaries of the traditional departmental programs. Topics addressed reflect the needs, experience and interest of the faculty and student body.

**101. Portfolio Preparation** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1. There is an additional fee with this course.

**102. Integrated Liberal Arts** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

A seminar offered in conjunction with a themed semester that brings together students and professors from multiple courses and across disciplines for discussion and common experiences. Corequisite: Students enrolling in NDI 102 must also enroll in at least two courses participating in the themed semester.

**105. The Truth About Social Class (R)(S)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course provides a means of understanding individuals and society through the lens of economic class. Information about hidden rules and resources develops success skills and enables students to understand and operate effectively with diverse populations in new situations. Assessment, analysis, and planning for change are key components of this course.

**106. Introduction to India** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A cultural investigation of the religions, arts and literature of India, concentrating on current social-historical trends.

**113-114. Principles and Methods of Yearbook Production** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

This course offers students the opportunity to develop practical skills in writing, photography, digital technology and electronic paste-up while learning the production and marketing methods necessary to create a successful scholastic yearbook. Students enrolled in the course will learn by working as part of the creative team for The Aurora, Heidelberg's yearbook. Fall semester will focus on planning, design and marketing practices associated with creating a yearbook, while spring semester will place more emphasis on production methods. (Fall, Spring)

**115. Introduction to Islamic Civilization** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of the religion, arts, sciences, literature and cultures of the Islamic world.

**116. Career Exploration** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course will provide an overview of the career development process through self-assessment, career exploration and the development of job search techniques. The course is designed to assist students with



decision-making and goal setting skills through researching and analyzing career options, exploring the meaning of work as well as trends in the workplace so that they are able to make a successful transition from the university to the working world. (Fall, Spring)

**117. Yoga (P)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode Guided Practice: 0.

The development of self-awareness, stress reduction, patience, flexibility, strength, balance and increased wellness through implementation of a yoga practice. Activities will include: asanas (physical postures), mindfulness exercises, hand mudras (hand positions), pranayama (breathing), mantras (a word or sound repeated to aid concentration in meditation, originally Hindu and/or Buddhist), varieties of meditation and the eight limbs of yoga. This course meets twice a week for course content and guided practice. Prerequisites: ability to rise from the floor to standing and back again. (Fall, Spring)

**118. Building College Reading Skills** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course is designed to help students build reading skills so that they can use vocabulary in context, recognize main ideas and supporting details, distinguish between facts and opinions, and understand purpose and tone.

**120. Latin American Cultural History** 1-2 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 1.

One-to-two-week trip to Peru, Argentina, or other Latin American nation during vacation period. One credit hour if supplemented with classroom preparation in language, culture and history. Two credit hours if supplemented with a paper.

**121. Understanding Geography through a Humanities Approach (R)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will apply the constructivist approach to understanding the five themes of geography. Through a literature rich environment, students will discover how humans interact and connect with their environment in different regions. Students will learn how the movement of people, goods, and ideas shape each region's development as well as identify locations and understand the impact of geography on the culture and characteristics of a region. Students will explore a variety of non-fiction texts, fictional short stories, historical maps, primary photos, and recent news articles. Through technology integration students will collaborate virtually to produce projects that will be shared on a global level. (Fall, even-odd years).

**125. Sex and Violence in Fairy Tales (W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

"Once upon a time": this phrase often evokes the world of fairy tales, a world of danger and magic and "happily ever after." This course focuses on well-known fairy tales of the Brothers Grimm (Snow White, Sleeping Beauty, Cinderella) as well as others less familiar locating them in the 19th-century German culture of their origins and then examining how they became transformed into enduring favorites of U.S. popular culture through their adaptations and transformations. There is an additional fee with this course.

**128. The Learning Process in an Academic Environment (R)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

In this course, the student will develop effective thinking skills so he or she can form a hypothesis, examine and process relevant information, organize research notes, identify main concepts, think logically, understand test and assignments directions, and other relevant skills necessary to develop full potential as a learner and participant in a learning environment.

**205. Exploring Leadership and Leadership Theory** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Course will focus on theories, definitions and models of leadership, as well as addressing leading groups, team building, problem solving and negotiation, and leadership in crisis. Students will examine their own personal attitudes towards leadership as well as develop self-awareness in areas relevant to leadership development.

**206. Introduction to US/Mexico Border Issues (G)** 1-2 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 1.

A study of the cultural, social and political realities affecting the US/Mexico border, with special emphasis on immigration, poverty and refugees. Each student must participate in a week-long trip to the Texas/Mexico border during spring break. This course may be repeated once for academic credit.

**207. Berg-Enactus I** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

This is the first of a two course sequence which is open to any student with an interest in the global service student organization, Enactus. The purpose of Enactus is to unleash the spirit of entrepreneurship and power of business principles in addressing societal problems. Students work as a team to select a local organization with whom to partner and then apply their talents, skills, ideas, and passions in projects that create a positive impact in the community. Students get hands-on experience in economic empowerment, entrepreneurial venture creation, teamwork, guided project consultancy, and engagement with the surrounding community. This course is an active learning opportunity for undergraduate students which leads to real and sustainable human progress. The course sequence consummates in NDI 208 with the Berg-Enactus team participation in the Enactus USA Competition. May be repeated for eight enrollments under different subtitles. (Fall, Spring)

**208. Berg-Enactus II** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

The purpose of Enactus is to unleash the spirit of entrepreneurship and power of business principles in addressing societal problems. In NDI 207, a team of students selects and initiates project(s). In NDI 208 the students will actively work with the chosen community partner to measure the impact of the project. In addition, the students in this component will receive invaluable experience in professional presentation and

data analysis. NDI 208 culminates with the Berg–Enactus team participation in the Enactus USA Competition. May be repeated for four enrollments with different subtitles. Prerequisite: NDI 207 or instructor's permission. (Spring)

**255. Integrated Arts in Early Childhood** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Emphasis on materials and techniques to understand and support development of art, music, drama and movement abilities in young children ages 3–8. Integrating art, music, drama and movement education experiences throughout the curriculum in preschool and early elementary school settings will be the focus. Students will become familiar with the standard of the Consortium of Arts Education Association and appropriate Ohio Competency–Based Models to use in guiding instruction. Note: Due to the nature of this course, a one–hour lab has been built in to allow adequate time for studio experience. Co– or Prerequisite: GPA 2.5, EDU 200 or PSY 206. (Spring)

**290. Independent Study** 1–3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–3.

Study of selected topics that are interdisciplinary and are not covered in current course descriptions. This course may be repeated up to three times if the subject matter has changed. Requires final permission of the Provost.

**301. Literature and Fine Arts (R)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An interpretive study of the arts and culture of the Western world from the prehistoric period through the Renaissance. The connections between music, dance, drama, literature and the visual arts will be explored through theories that address the origin, purpose and major themes of human aesthetic expression.

**302. Literature and Fine Arts (R)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An interpretive study of the arts and culture of the Western world from the Baroque period, with special emphasis placed on the nineteenth and twentieth centuries. Various theories concerning the advancement of the visual arts, music, film, drama, literature and dance will be studied.

**305. Romantic Revival (H)(R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An investigation of the literary phenomenon known as German Romanticism. Students will explore this literary and historical period as a site of ongoing cultural conflict and negotiation between “old” and “new”, “nature” and “nurture”, “poetry” and “prose”, and the relationship between the individual and society. Students will gain a knowledge of political, economic and social issues, and an acquaintance with the works of a variety of German authors. The course approach will be interdisciplinary, utilizing history, music, literature, and art. This course cannot be taken when credit in COR 300: Romantic Revival has been earned.

**310. Integrated Social Studies** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Using the Ohio Social Studies Curriculum model as a guide, students will integrate content from the various social studies using a thematic approach. Prerequisites: GPA 2.60; EDU 220. (Fall)

**322. Asian Literature and Fine Arts** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the main motifs of the literature and arts of India, China and Japan. In literature, belles–lettres rather than religious–philosophical works will be emphasized.

**340. Women's Voices in Latin America** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An exploration of Latin American social issues through the study of testimonial literature, novels, short stories, poetry, and drama written by women. The course is conducted in English.

**345. Service Learning on the U.S./Mexico Border (G)** 2 credit hours. Recitation: 1. Laboratory: 0. Alternative Mode: 1.

After an intensive introduction to the socioeconomic and cultural realities of life along the U.S./Mexico border, students will prepare, implement and reflect on a week–long service learning project on the border. This course meets once a week during the Spring semester and requires one week of summer travel. (Spring only, students will be expected to pay their own expenses for this trip, and their fee will also cover the instructor's expenses.

**347. Culture Wars and Cartman** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This interdisciplinary course uses the cartoon “South Park” as a vehicle to explore polarizing social, political, ethical and moral issues currently facing our society. Topics may include, but are not limited to, political correctness, global warming, stem cell research, economic challenges, death with dignity, and racial and ethnic prejudices. The course will emphasize critical thinking and evaluation of empirical evidence related to each topic. This course cannot be taken when credit in COR 300: Culture Wars and Cartman has been earned.

**382. Introduction to Linguistics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the historical and modern developments in language theories and issues, with emphasis upon grammar, usage and units of sound and meaning. Prerequisites: Completion of or exemption from WRI 101 and sophomore standing or above. (Fall, odd–even years)

## **NRS–Nursing**

**400. Theoretical Foundations of Nursing (W)(P)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course compares the connections between nursing theories and borrowed theories to nursing practice. Grand, middle–range, and practice nursing theories are deliberated so application of these theories occurs in practice. The course examines theoretical and conceptual bases of nursing to encourage the student to read, critique, evaluate, and discuss (through online forums and scholarly writing), and ultimately apply appropriate theories in patient care situations, on a wellness–illness continuum. A variety of theories will be reviewed and discussed, from which students may associate in order to refine their personal nursing



philosophy, personal health, and incorporate ideas from self and others to best fit practice. Prerequisite: post-licensure nursing major.

**410. Legal and Ethical Issues in Nursing (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The practice of nursing is constrained by legal and ethical boundaries. The expanding autonomous roles of nurses at all levels of education and licensure in varied settings can lead to ethical and/or legal dilemmas that nurses must manage. This course provides an overview of legal obligations that professional nurses advocate for patients, families, and communities. The course informs nurses, through deeper critical thinking, to be knowledgeable of ethical concepts, appreciative of legal boundaries, and to be respectful of the rules by which they practice. The course involves contemplation of ethical scenarios that realistically integrate ethics with legal accountability. The course encourages deeper reflection on connections between law and ethics in nursing practice. Prerequisite: Post-licensure nursing major.

**420. Healthcare Technology and Informatics (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course introduces the student to state-of-the-art healthcare technology through the use of genomics, pharmacogenomics, informatics applications, and innovation. The course will reinforce the basic principles of genetics while exploring new scientific advances and how these advances will affect healthcare. The course encourages critical thinking through review of actual and potential clinical outcomes from trends in healthcare technology and science. Emphasis is placed on the nurse leader to examine, adopt, or change clinical processes, treatments, and workflows that make a positive impact on the delivery of patient care. Prerequisite: Post-licensure nursing major.

**430. Nursing Research and Evidence Application (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is designed to assist students in reading, comprehending, and applying nursing research and evaluating the research process. The connections between research, theory and practice will be explored. Students will also develop a knowledge base of research terminology and methods that will enable them to appropriately critique qualitative, quantitative, and mixed studies of nursing research. Research processes such as ethical practices, data collection, appraisal of current research, and integrating evidence for clinical practice through critical appraisal will be explored. Research across the global nursing field will be reviewed and integrated into discussions and assignments. Emphasis is on the critique and application of research findings as they relate to nursing theory and practice. This course meets the Capstone requirement. Prerequisite: Post-licensure nursing major.

**440. Community and Population Health Nursing (G)** 3 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode Clinical: 1.

This course contains both a theoretical and clinical component and the integration of both in community and public health nursing practice. This course will facilitate the student's ability to analyze professional issues and social justice concerns that impact community and public health in the provision of nursing care in situations apart from controlled environments. Students will be introduced to community assessment techniques as they apply principles of primary, secondary, and tertiary prevention in a community. Global health challenges such as caring for vulnerable populations and providing care are explored to enhance competency for professional practice in communities. Additional skills will be developed such as investigation and surveillance skills for solving outbreak situations. The impact of culture-based beliefs on global public health infrastructures, resources, and issues will be deliberated, which will deepen student understanding of the societal factors that impact health. Prerequisite: Post-licensure nursing major.

**450. Interprofessional Roles in Global Health (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines major global health challenges, programs, and policies that impact clinical practices of a myriad of healthcare and other professions. Students will be introduced to the world's determinants of health and disease that can be best addressed through interconnected teams of providers. Learners will recognize major global initiatives for disease prevention and health promotion. Students will work in teams to analyze current and emerging global health priorities, which may include poverty, emerging infectious and lifestyle diseases, conflicts, natural disasters, terrorism, and humanitarian emergencies. The course facilitates certifications that enable students to identify roles in times of catastrophic events. Prerequisite: Post-licensure nursing major or minimum of junior standing.

**460. Healthcare Policy and Advocacy (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course explores major topics in the study of health policy and healthcare delivery. Students and faculty will discuss the U.S. healthcare system, its organizational structure, financing, and historical contexts in comparison to systems of other nations. The course will review determinants of health, distribution of care, and the impact of cost and quality on healthcare services. Additionally, students will appraise the U.S. process for health policy creation and legislation. Conditions of the healthcare system reform will be discussed in relation to advocacy roles of nurses. This course employs sociological, political, economic, and ethical perspectives on policy, healthcare systems, and subsequent challenges of meeting the needs of healthcare stakeholders. Prerequisite: Post-licensure nursing major.

**470. Leading and Managing Healthcare Teams** 3 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode Clinical: 1.

This course contains both a theoretical and a clinical component regarding the integration of leadership and management in nursing practice. This course expands the nursing leadership process to include interdisciplinary teams and healthcare delivery in organizations. The focus of the course is the nurse's role

in the leadership and management of working effectively within organizational systems. Professionalism, leadership-management concepts, and teaching-learning strategies are integrated to prepare students to function as a change agent for health promotion, maintenance, and restoration in organized healthcare delivery systems. Clinical practice experiences focus on the application of the following elements of leadership that will be given special emphasis throughout the course: vision, goals, motivation, decision-making, time management, financial accountability, power, team building, dealing with change and conflict, communication skills, ethics, and diversity issues. Prerequisite: Post-licensure nursing major.

## **NUR-Nursing**

See Terra State Community College section within Course Descriptions

## **PHI-Philosophy**

**140. Introduction to Philosophy (W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to philosophy in which the various branches of philosophy are discussed, i.e., metaphysics, epistemology, philosophy of religion, philosophy of science, philosophy of mind, philosophy of language, and moral and political philosophy.

**200. Aesthetics (W)(F)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is an exploration of the ways in which questions about art have been addressed. It will examine questions such as "What is art?" What is the connection between art and society? What is the relationship between art and morality? Is there a difference between art and entertainment? Is there a distinction between art and craft? After studying the ways in which various philosophers address these questions, students will have the opportunity to formulate their own ideas about art and its meaning. (Fall, odd-even years)

**202. Logic** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to deductive and inductive rules of reasoning with attention to both formal and informal fallacies. Emphasis on practical applications of logic to everyday problems. (Spring, even-odd years)

**216. Ethics (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Systematic study of main types of ethical theory such as hedonism, rationalism, utilitarianism, humanism and others. Emphasis on the relation of theory to actual conduct in personal and social life. (Fall, Spring)

**217. Bioethics (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Basic Issues in bioethics such as confidentiality, autonomy, informed consent, abortion, euthanasia, stem cell research, assisted reproduction, genetic engineering, allocation of scarce medical resources, and justice in health care distribution. Focuses on practical applications of ethical theory from the perspective of the health sciences practitioner. (Fall, odd-even years)

**218. Ethics in Professional Life (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Analyzes ethical problems that arise in the context of the workplace. Considers the private and public sectors as well as not-for-profit organizations. Perspectives of employees, managers, corporate boards, entrepreneurs (including shareholders), and consumers are treated. Included are such topics as conflicts of interest, pollution and environmental hazards, gifts and kickbacks, invasion of privacy, whistle-blowing, intellectual property rights, the theory of the corporation and corporate responsibility, professional ethics codes, and private property and public interest. (Fall, Spring)

**220. Special Topics in Philosophy** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Topics of special interest in philosophy not covered in the regular department offerings. (This course may be repeated.) Prerequisite: PHI 140 or PHI 216. (Offered occasionally)

**309. History of Western Philosophy: Ancient and Medieval (W)(H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Origin and development of philosophical thought in the classical world, mutual influence of Christianity and classical thought and the philosophical developments of the Middle Ages. Prerequisites: Open to juniors and seniors. (Fall, even-odd years)

**310. History of Western Philosophy: Modern (W)(H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Philosophical developments from Renaissance to present, with attention to interrelations of science, religion and philosophy. Prerequisites: Open to juniors and seniors. (Spring, even-odd years)

**317. Philosophy of Religion (W)(H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of basic issues in philosophy of religion, such as faith and reason, as seen from different viewpoints such as existentialism, naturalism, rationalism and scholasticism. Prerequisite: One course in philosophy or permission of instructor. (Fall, odd-even years)

**380. Symbolic Logic** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course in contemporary deductive logic covers the propositional and first order predicate calculus. Translation and proofs of arguments encountered in natural language are emphasized. The concepts of completeness and soundness, as well as other central theorems in metalogic, will be introduced. Familiarity with a formal notational system such as mathematics, music, or a foreign language is desirable. (Spring, odd-even years)

**385. Scientific Revolutions** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course in the philosophy of science covers a selection of philosophical issues in science such as the nature of scientific inquiry, the fact-theory distinction, induction, confirmation paradoxes, the model-theoretic perspective in the social sciences, reductionism, the nature of quantum reality, and the relativist controversy. Also included are such topical issues as the rise of pseudoscience, creationism, genetic engineering, basic versus applied research, and ethics in science and technology. (Spring, even-odd years)

**413, 414. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Advanced study of a major philosopher, movement or problem under the guidance of a departmental faculty member. (Maximum 6 hours) Prerequisite: Permission of instructor.

**475-476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Series available to achieve Departmental Honors. (Offered occasionally).

**490. Philosophy Colloquium (W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Advanced study of a major philosopher, movement or problem under the guidance of a departmental faculty member. Prerequisites: Open to junior or senior philosophy majors only; COM 100; WRI 101.

## PHY-Physics

**100. Introduction to Physical Principles (N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Designed for students who need some knowledge in this field but do not wish to take a full-year course in general physics. Some of the most important physical principles and their applications are studied with emphasis on experimental facts upon which these principles are based and on use of the scientific method of deriving them. Students electing to take this course in order to meet their General Education requirement for a laboratory science must take both PHY 100 and PHY 100L in the same semester. There is an additional fee with this course. (Cannot be included in major.) (Spring)

**100L. Introduction to Physical Principles Laboratory (L)** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course is the laboratory complement to PHY 100 Introduction to Physical Principles. The weekly exercise allows students to more fully explore some of the concepts discussed in the lecture. The laboratory must be taken concurrently with PHY 100. (Cannot be included in the major.) (Spring)

**101. General Physics (Q)(N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

The first semester of a yearlong sequence that covers the principles and methods of physics with applications to mechanics, heat, sound, electricity, magnetism, light and optics and modern physics. Laboratory must be taken concurrently with the lecture. Recommended for Biology and related majors. A scientific calculator is required. There is an additional fee with this course. Prerequisite: Placement into MTH 121, or C- or higher in MTH 120. It is strongly recommended that the prerequisite be met no earlier than 2 years prior to enrolling in this class.

**102. General Physics (Q)(N)(L)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

The second semester of a yearlong sequence that covers the principles and methods of physics with applications to mechanics, heat, sound, electricity, magnetism, light and optics and modern physics. Laboratory must be taken concurrently with the lecture. There is an additional fee with this course. Recommended for Biology and related majors. Prerequisite: C- or higher in PHY 101.

**104. Introduction to Photography (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Provides an introduction to digital photography with an emphasis on the technical aspects of the digital camera. Editing of digital photographs will be done using Adobe Photoshop which will be learned through self-tutorial. Weekly critiques of student work and sample work of various famous photographers will be included. A lab fee will be charged. The class is open to all students. A digital camera is required. This course cannot be applied toward any major or minor. Offered in the Physics department unless otherwise noted. (Fall)

**172. Introduction to Astronomy (N)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The main areas covered are the solar system, stars, galaxies, cosmology, and possibility of extraterrestrial life. The amount of emphasis placed on each area may vary according to the individual instructor's interest. (May not be included in Physics major) There is an additional fee with this course. (Fall, Spring)

**201. Statics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Static equilibrium problems are solved in 2 and 3 dimensions to find forces in various mechanical structures such as cables, beams, and trusses. In the process distributed forces will be discussed using centers of gravity and centroids. Prerequisite: C- or higher in MTH 223 and PHY 102. (Spring, even-odd years)

**216. Electronics** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Analysis of modern electronics including DC and AC circuits, semiconductor devices, and analog circuits. This class covers diode, transistor, and operational amplifier circuits. Applications include power supplies, amplifying circuits, low-pass filters, and high-pass filters. Prerequisite: C- or higher in PHY 102. (Offered occasionally)

**227. Modern Physics I** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This first course in a yearlong sequence that covers the theory of relativity, particle aspects of radiation, quantum theory and its application to atoms and nuclei. Prerequisites: C- or higher in PHY 102 and at least concurrent enrollment in MTH 307. (Offered occasionally)

**228. Modern Physics II** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

The second course in a yearlong sequence that covers the theory of relativity, particle aspects of radiation, quantum theory and its application to atoms and nuclei. Prerequisites: C- or higher in PHY 227 and MTH 307. (Offered occasionally)

**301. Strength of Materials** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The study of stress in relationship to strain. Problem solving to determine if structures are in elastic, plastic, or failure regions of materials used. Prerequisite: C- or higher in PHY 201 and MTH 308. (Spring, odd-even years)

**328. Thermal Physics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A unified introduction to thermodynamics, statistical mechanics and kinetic theory. Statistical methods, systems of particles, microscopic and macroscopic interpretation of thermodynamic properties, applications of thermodynamics, kinetic theory and quantum statistics. Prerequisites: C- or higher in MTH 308. (Offered occasionally)

**331. Electricity and Magnetism** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the sources, properties and effects of electric and magnetic fields, emphasizing a mathematical description of field phenomena in vacuum and material media. Prerequisites: C- or higher in MTH 307 and at least concurrent enrollment in MTH 308. (Spring, odd-even years)

**332. Mechanics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Origin and development of classical mechanics, mathematical techniques, conservation laws, orbit theory and rigid-body dynamics. Prerequisite: at least concurrent enrollment in MTH 307 and a C- or higher in MTH 223. (Fall, odd-even years)

**337. Optical Physics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to physical optics, quantum theory of light, optical spectra and laser optics. Wave nature of light, interference, diffraction, optics of solids, opto-electronics, light quanta, optical spectra and laser optics. Prerequisites: C- or higher in PHY 228 and MTH 307.

**346. Solid State Physics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the physics of solids, crystallography, phonons, band theory, and the origins of magnetism. Semiconductors and superconductors are also discussed. Prerequisites: C- or higher in PHY 228 and MTH 307. (Offered occasionally)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Qualified students may receive credit for off-campus experience in an industrial or government laboratory. Departmental approval is required.

**391. Advanced Laboratory** 2 credit hours. Recitation: 0. Laboratory: 2. Alternative Mode: 0.

Experiments selected from mechanics, heat, acoustics, optics, spectroscopy, electromagnetism, electronics, radioactivity and nuclear physics. Qualified students may select project or research activities with approval of instructor. Prerequisite: C- or higher in PHY 228 and MTH 307; COM 100; WRI 101. Open to juniors and seniors. (Offered occasionally)

**402. Physics Seminar** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

Student and faculty reports on current areas of research in various fields of physics. Object is to help the student learn how to present technical material and to promote discussion and independent study.

**451, 452. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

With the consent of department chairman, student may do independent work on a program in experimental or theoretical physics.

**475-476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Permission of chair required. To achieve Departmental Honors.

**490. Physics Capstone** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

The course is required of all physics majors and is to be taken during the junior or senior year. A laboratory research project performed during the semester is to be written up. Two oral presentations of this work will be given to general student and professional peer groups. Open to juniors and seniors. Prerequisite: C- or higher in PHY 391; COM 100; WRI 101. This is the senior capstone experience for the physics major.

## **POL-Political Science**

**125. Introduction to Politics and Government (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course introduces basic concepts for the study of politics and government. It describes how political forces influence government actions at the local, national and international level. It explores ideas about the role of government in society and provides a comparative overview of current government practices throughout the world. (Fall, Spring)

**200. Introduction to Political Philosophy (H)(R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduces major figures, texts, debates, and themes in the history of political philosophy since ancient times. (Spring)

**221. Global Politics (S)(G)** (3 sem. hrs.). Introduction to the study of international relations between—and comparisons of—nation states, economic actors, international organizations, and the peoples of the world. (Fall)

**227. American National Government (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to American political thought, national political institutions and policy making, participation in the political system, and current issues in American society. (Fall)

**237. Local U.S. Government** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of local government institutions, practices, and issues, with an emphasis on local government and administration in Ohio. The course will introduce comparative materials where appropriate to better explore linkages between local and central governance, both theoretical and actual. (Offered occasionally)

**240. African Politics (S)(G)(P)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course will explore the problems of nation-building as illustrated by the experiences of the post-independence societies of Sub-Saharan Africa. The interrelationship of political, social and economic forces as well as the role of external actors and forces, including the international community, will be analyzed. The course will also focus upon interstate conflict and cooperation as well as subnational rivalries and processes. (Offered occasionally)

**250. Latin American Politics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An examination of the political systems of Latin America, with an emphasis on models of change and development, and the relationships between Latin America and the larger global environment. (Occasionally)

**263. European Politics (S)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course introduces European political, economic and security relationships at the national, subnational and supranational levels. The structure and behavior of competing organizations and actors will be examined to help determine the future direction of the European Community, the nation state and regional security arrangements. (Fall, odd-even years)

**293. Introduction to Canada (W)(H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This interdisciplinary course serves as an introduction to Canada—its politics, economics, society, and culture. Topics covered include Parliamentary government, federalism, regional identities. Québec separatism, NAFTA, Canada-U.S. relations, and Canadian foreign policy. (Spring, odd-even years)

**304. Congress (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Through research and role-playing, students will examine the social, political, and procedural complexities of the U.S. Congress and its impact upon law-making and governance. Prerequisite: POL 227 or instructor approval. (Offered occasionally)

**310. Politics and History of East Asia (R)(W)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A study of the development of East Asian politics from 1600 to the present, focusing on colonialism, wars of independence, nation-building, and modernization. Prerequisites: Sophomore standing and WRI 101 and COM 100; or Sophomore standing and Honors Program. This course is cross-listed with HIS 333; students will earn credit for only one course. (Students with credit for HIS 114 or HIS 333 will not receive credit for POL 310) (Spring, odd-even years)

**315. Art and Espionage: The Morality of Spying in Film and Literature (H)** 3 credit hours. Recitation: 3.

Laboratory: 0. Alternative Mode: 0.

Our spies are heroes: those who spy against us are villains and traitors. Through film and literature, this course considers the moral implications of espionage for us as a nation and for the community of nations. (Offered occasionally)

**320. The American Presidency** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of the creation, development, and politics of the presidency from George Washington to the current occupant of the White House. Students with credits in HIS 220 or 320 will not receive credit for POL 320. (Fall, even-odd years)

**322. Parties, Interest Groups and Elections** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course explores the history, structure, strategy, and the many roles of political parties and interest groups in American politics and elections. The nature and structure of political campaigns will also be addressed. (Offered occasionally)

**323. Political Culture and Behavior (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This seminar course explores foundational questions and ways of analyzing political socialization, political behavior, and political culture. (Offered occasionally)

**324. American Foreign Policy (W)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This is an advanced course in American foreign policy that will discuss themes, issues, and subjects. Themes include exceptionalism, militarism, hegemony, and empire. Issues include executive decision-making, departmental policy-making, Congressional prerogative, and the role of media and public opinion. Subjects include U.S. strategy and policies vis-à-vis various countries and regions. (Spring, even-odd years)

**333. Constitutional Law: Power & Structure (S)(R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course focuses on the political and legal questions regarding how US citizens organize their common life through laws and constitutional design. The course focuses, primarily, on the United States Supreme Court's interpretation of the structures and powers of the US national government. Prerequisite: Sophomore standing and above. Students who have successfully completed POL 235: The Constitution and the Structure of

Government: Struggles for Power will not receive additional credit for POL 333. (Fall, odd-even years)

**334. Constitutional Law: Rights & Liberties (S)(R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course focuses on the political and legal questions regarding how US citizens organize their common life through laws and constitutional design. The course focuses, primarily, on the United States Supreme Court's interpretation of the structures and powers of the US national government. Prerequisite: Sophomore standing and above. Students who have successfully completed POL 235: The Constitution and the Structure of Government: Struggles for Power will not receive additional credit for POL 334. (Spring, odd-even years)

**344. Research Methods (Q)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course explores the application of scholarly methodologies in the social sciences and humanities to the investigation of politics and government. Students will learn how to work with primary and secondary sources, including government documents, and be introduced to foundational practices of scholarly research, design, and ethics. The course will also introduce students to qualitative and quantitative analysis, including basic statistics and digital tools used in political science. Prerequisites: COM 100; WRI 101; successful completion of MTH 090, or MTH Placement into 114, or higher. (Fall)

**345. The Supreme Court and Judicial Process (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is an examination of the structure and behavior of the U.S. Supreme Court and the federal judicial system. (Spring, even-odd years)

**361. Model United Nations I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the United Nations—its foundations, charter, organization, protocols, and policies. Students will participate in a Model United Nations conference. At this simulation, they will represent a country. Knowledge about that country will be acquired throughout the semester. Each student will serve as a delegate on a UN committee. Students are responsible for travel fees. (Spring)

**362. Model United Nations II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the United Nations—its foundation, charter, organization, protocols, and policies. Students will participate in a Model United Nations conference. At this simulation, they will represent a country. Knowledge about that country will be acquired throughout the semester. Each student will serve as a delegate on a UN committee. Prerequisite: POL 361. Students are responsible for travel fees. (Spring)

**370. Internships in Political Science** 0–15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–15.

Opportunities for experiential learning in law and public affairs at the local, state and federal levels. Permission of the department required. (Fall, Spring)

**376. Global Issues I: War and Peace (S)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The evolution of warfare in human society and the parallel development of alternatives to violence are examined. The writings of major military philosophers and historians, as well as modern analysts, are used to illuminate the nature of war, arms races and the relationships between war, nation states, technology and politics. The latter part of the course focuses upon theories and methods of non-violent conflict resolution. Prerequisites: COM 100; WRI 101; junior or senior status. (Fall, odd-even years)

**377. Global Issues II: Human Rights and Social Justice (W)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Why are there such disparities between wealth and poverty within and between nations? How can governments respect divergent beliefs and behaviors while maintaining cohesion and sustaining common purpose? This course will explore the challenges of providing human rights, economic justice and basic political freedoms within and between states. Prerequisites: COM 100; WRI 101; junior or senior status. (Spring, even-odd years)

**379. Global Issues: Political Development (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the growth and development of political institutions in less industrially developed societies. It will explore the impact of colonialism, traditional forms of economic dependency and globalization on current political regimes. The course will examine trade agreements and regional compacts and such topics as colonialism, revolution, state capitalism, neo-colonialism, democracy, dependency theory, the IMF and the World Bank, structural adjustment, the World Trade Organization, NGOs and international debt obligations. The course will evaluate the extent to which central governments exercise authority over their respective territories and discuss the problem of the “failed state.” (Offered occasionally)

**380. Topics in the Study of Politics and Government** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An exploration of a topic or methodology in the study of politics and governance. (Offered occasionally)

**383. Politics and History of the Middle East (W)(S)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course examines the contemporary Middle East. Country studies will be emphasized as will regional topics such as political, economic, and human development, the Arab-Israeli conflict, disputes between Shi'a and Sunni, political Islam, Islamic militancy, i.e., Jihadism, resources (particularly oil, natural gas, and water), and foreign (especially American) involvement. Students with credit in POL 283 will not earn additional credit for this course. This course is cross-listed with HIS 332; students will earn credit for only one course. (Fall, odd-even years)



**389. Intelligence Operations (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The collection, analysis, and policy use of foreign intelligence is a clandestine and classified activity that exists uncomfortably, politically and legally, within our democratic form of government. This course examines the issues and accommodations in our use of intelligence operations in support of national security. (Offered occasionally)

**401, 402. Independent Study** 1–4 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1–4.

With the instructor's approval the student may do independent reading or research.

**403. New Approaches to Politics and Government** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Reading and discussion of current writings in the field of political science, the nature of government, current political issues and significant governmental policies. (Offered occasionally)

**409. Seminar: Historical and/or Political Research and Interpretation** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will do independent research in the historical and/or political field(s) of their choosing. Fulfills the senior capstone requirement. A POL major with an interest in global affairs may request a course substitution with ITS 409: International Studies Capstone, refer to POL major requirements. This course is cross-listed and students with credit in HIS 405 will not earn credit in POL 409. Prerequisites: COM 100; WRI 101; POL 344. Open to seniors. Juniors by permission. (Fall)

**475–476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Series offered to achieve Departmental Honors. (Offered occasionally)

## **PSY–Psychology**

**101. General Psychology (R)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction intended to acquaint students with the scope of psychological phenomena and methods of the psychologist and to survey fundamentals of human behavior. (Fall, Spring)

**202. Research Methods and Data Analysis II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Original student research conducted and analyzed utilizing the background developed in BSC 201. Students who have earned credit in PSY 308 are not eligible to take this course. Prerequisites: BSC 201. Open to sophomores and juniors. (Spring)

**205. Lifespan Development** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Life Span Development is a broad-based course in developmental psychology that explores the processes that shape human development from conception to death. In this course, the scientific study of the biological, psychological, cognitive, emotional, personal, and social changes that occur throughout the lifespan will be examined. Controversial and ethical issues relevant to lifespan development and the scientific study of human development will be critically examined and analyzed. This course is intended for students planning to apply to or are in preprofessional programs. The course will cover physical, cognitive, social, emotional, and personality changes that occur across the lifespan. This course is not intended for Psychology majors. Prerequisites: PSY 101 General Psychology; psychology majors must have permission of instructor. (Spring even-odd)

**206. Child Psychology (R)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course introduces students to scientific and theoretical aspects of child development from birth to adolescence with a focus on psychological development. Prerequisite: PSY 101. (Spring)

**207. Adolescent Psychology (R)(S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Course addresses normal intellectual, emotional, moral, and social growth in the teen years. Problems that affect individuals and family relationships in this age range will also be addressed. Prerequisite: PSY 101. (Fall)

**209. Abnormal Psychology (S)(R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course introduces students to such concepts as mood disorders, schizophrenia, and personality disorders and provides a discussion of related phenomena. Prerequisite: PSY 101. (Spring)

**212. Sport Psychology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is an introduction to the science and study of sport psychology. Topics to be studied include the definition of sport psychology, the activities of sport psychologists, understanding the participants in sport psychology, the environments in which sport psychology functions, and other topics that relate to the science and practice of sport psychology. Students with credit in PSY 406 will not also receive credit for this course. Prerequisite: PSY 101 (Spring)

**269. Human Sexuality (P)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is a survey of human sexuality, focusing on the biological, psychological, developmental, and behavioral issues involved with sexuality. Sexual attitudes, values, dysfunctions, and gender issues will also be discussed. Students with credit for PSY 469 will not also receive credit for this course. Prerequisite: PSY 101 or permission of the instructor. (Fall)

**305. Adult Development (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course exposes students to current theories and research on adult development. Topics include cognitive changes with age, social factors in aging, family issues, changes in the concept of career and employment,

ageism, personality changes, and health concerns. Prerequisites: PSY 101 or permission of instructor. (Fall, odd-even years)

**309. Psychology of Women and Gender Development** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of sex role stereotyping, research on sex differences in abilities and achievement, sex role development, sex roles in marriage and family, careers and the politics of power, women's ways of knowing, women's development of self, sex differences in communicative styles, ethnicity in women, mental health in women, interrelationships between language, status and power. Prerequisites: PSY 101 and one additional course in psychology, or permission of the instructor. (Spring, odd-even years)

**310. Social Psychology (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Course designed to study such topics as aggression, persuasion, conformity, obedience, attitude change, interpersonal attraction and prejudice. Students who have credit for PSY 210 are not eligible to take this course. Prerequisite: PSY 101. (Spring)

**313. Media, Popular Culture, and Psychology (W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course explores psychological issues using original source readings and discussions about issues raised in the media and popular culture (e.g., film, television). The class focus is to integrate and apply psychological theories and concepts to real-world issues as portrayed in the media. Prerequisites: PSY 101 or permission of instructor. (Spring, even-odd years)

**316. Cognition** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Examination of theories and research about human thinking, memory, concept formation, problem solving, creativity and language. Prerequisite: PSY 101. (Fall, even-odd years)

**317. Psychology of Personality (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of theories of personality, both past and present. Prerequisites: PSY 101 and 209. (Spring, odd-even years)

**321. The Brain and Behavior (R)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course will introduce students to the brain-behavior relationships that underlie various cognitive, behavioral, and affective processes. To begin to understand these relationships, the student will investigate the basic elements of neuroanatomy, physiology, and cellular biology, will consider specific cognitive, perceptual, affective, motor, and body regulatory functions, and will be introduced to strategies designed to improve physiological conditions through psychological mechanisms. Prerequisites: PSY 101 and BIO 110, 121 (121 for students majoring in EXC, Pre-Nursing, SPO, or HSC, or students minoring in BIO), or 123, or permission of the instructor. (Fall)

**337. Positive Psychology (P)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Positive psychology is the scientific study of positive experience, positive individual traits, and the institutions and practices that facilitate their development. This course reviews the history of positive psychology and the contributions this new field has made to several traditional research areas in psychology. Areas of controversy (e.g., what is happiness, how should we measure it, what determines it, can and should we deliberately increase it) will be critically examined with consideration given to conflicting viewpoints and their respective empirical support. Prerequisites: PSY 101 or permission of instructor. (Fall, even-odd years)

**403, 404. Individual Research** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Supervised research on a topic of the individual student's choosing. Prerequisites: BSC 201, PSY 101, 202, and permission of the instructor. One or two semesters.

**407. Multicultural Psychology (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Multicultural psychology investigates the influence of sociocultural factors on human thought, development, and behavior. The course will investigate how psychology concepts and findings might be influenced by factors such as race, ethnicity, gender, and class. The course has a multidisciplinary focus in which psychology is related to other fields such as anthropology, economics, political science, and sociology. Students will learn to analyze and integrate knowledge from various sources including readings, scientific literature, and the popular media. Prerequisites: PSY 101, and one additional course in psychology, or permission of the instructor. (Spring, odd-even years)

**413. Psychopharmacology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The effects of psychoactive drugs on neurochemical, mental, and behavioral processes, including a consideration of drugs used to treat emotional disorders. Prerequisite: PSY 101. (Spring, even-odd years)

**416. Counseling and Clinical Methods** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A survey of the methods of clinical psychology, with an emphasis on counseling techniques, and the use of scientifically-proven treatments. Prerequisite: junior or senior status.; PSY 209. (Fall)

**417. Psychological Assessment: Theory and Practice** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to individual, group, objective and projective techniques in evaluating human characteristics. Prerequisites: PSY 101 and BSC 201. (Offered occasionally)

**426. Advanced Clinical Methods** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course explores clinical techniques and theories underlying the best practices approach to the delivery of clinical services. Interviewing techniques, development of empathy, rapport building, and recent advances

in therapeutic approaches will be discussed. The course contains a significant amount of role playing. Critical thinking about the nature and process of change will be emphasized. Prerequisites: PSY 101, PSY 209, PSY 416. (Spring)

**435. Special Topics in Psychology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Focus in this course will rotate with the interest of the faculty member offering it. The special topics covered in the course will typically incorporate in-depth investigations of “hot” or specialized issues relevant to the field of psychology. Students may repeat the course once under a different subtitle. Prerequisites: PSY 101 and six hours of psychology beyond the 101 course, or permission of the instructor. (Spring)

**451, 452. Readings in Psychology** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Supervised readings about a topic of individual student’s choice. Prerequisites: BSC 201, PSY 101, 202, and permission of the instructor. One or two semesters.

**475–476. Department of Psychology Honors** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Commensurate with the Department’s goal of providing opportunities for in-depth psychological study, Psychology majors are encouraged to earn the graduation citation “Honors in Psychology” through the Department of Psychology honors program. Students who complete an independent honors thesis with distinction, as determined by vote of the department, and who satisfactorily pass a departmentally instituted comprehensive examination, shall graduate with the distinction of Honors in Psychology. (Fall and Spring; The procedure for graduating with departmental honors is articulated elsewhere in this catalog.)

**1. Requirements for Admission to Departmental Honors Program**

A student must be admitted no later than the end of the second semester of the junior year. (Contact the Department Chair for application information.) In addition, the following criteria must be met for admission to the program:

A. An overall GPA of 3.0 or higher.

B. A GPA in Psychology courses of 3.4 or higher.

C. Successful application into the department honors program, which includes a clearly articulated and well-defined area of study.

**2. Requirements for Graduation with Honors in Psychology**

Honors students must meet all Requirements for Admission, described above. In addition the student must complete PSY 475 & 476, which includes the completion of an Honors Proposal, an Honors Thesis, and passage of a comprehensive psychology exam.

The final GPA in all Psychology courses must be 3.4 or higher.

**491. Classical, Contemporary, and Ethical Issues in Psychology (R)(W)** 3 credit hours. Recitation: 3.

Laboratory: 0. Alternative Mode: 0.

This course will investigate classic issues and debates from the history of psychology, and will also consider contemporary issues in the research and practice of psychology. Students will evaluate the values, standards, and ethical ideas that guide professional applications of psychology in teaching, research, and practice, including an in-depth exploration of ethical principles and professional codes of conduct. Students will also reflect on their undergraduate major in psychology, and will evaluate their post-graduation goals. A materials fee is assessed. Prerequisite: PSY 101 and at least 4 PSY courses beyond 101; WRI 101; COM 100; junior or senior status. (Fall)

## **REL–Religion**

**109. Judaism, Catholicism and Protestantism (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the scriptures, history and beliefs of Judaism, Catholicism and Protestantism, with the purpose of helping students understand their own traditions and also those of other people.

**201. Introduction to the Old Testament (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Survey of the Old Testament focusing on historical background, types of literature and central message. Recommended as background to Religion 202. (Open to first-year students.) (Fall)

**202. Introduction to the New Testament (R)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Introduction to the literature and thought of the New Testament, focusing on synoptic accounts of Jesus, letters of Paul and Gospel of John. (Open to first-year students.) (Spring)

**204. Religions of the World (R)(H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

History and beliefs of major religions in the world today, with special attention to Hinduism, Buddhism, Islam, and Christianity.

**210. Religion and Politics in America (H)(R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will read and analyze primary and secondary literature, past and present, to address the relationship between religion and politics. What, according to the First Amendment, should the relationship be? In an intentionally pluralistic nation, how does, why does, and should religious discourse enter the public square and affect public policy? Prerequisite: Sophomore standing or above.

- 250. Christian Social Ethics (R)(W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Ethical principles of the Judeo-Christian tradition and their import for the family, economic order, state and world community. (Open to first-year students.) (Fall, odd-even years)
- 302. Topics in Biblical Literature (R)(W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Study of selected topics in the thought and literature of Old and New Testaments, such as creation and history, covenant formulations, Second Isaiah, problem of the historical Jesus, and gospel of John.  
Prerequisites: REL 201 or 202. (Spring, odd-even years)
- 308. History of Christian Thought (R)(W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Survey of Christian thought from the close of the New Testament period to modern times. Emphasis on major movements and figures, with some attention to current intellectual, social, and historical developments. Students may do research on a major figure in Christian thought. (Fall, even-odd years)
- 309. Contemporary Christian Thought (R)(W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Study of the fundamental beliefs of Christianity and their meaning for modern personal and social life. (Spring, even-odd years)
- 339. Topics in Religion (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Seminar on selected topics of interdepartmental significance. Prerequisite: three hours in religion. (Offered occasionally)
- 340. Topics in Religion (R)(H)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.  
Seminar on selected topics of interdepartmental significance. Prerequisite: three hours in religion. (Offered occasionally)
- 370. Internship** 4 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 4.  
Supervised experience in a local church or similar setting. Prerequisite: two courses in religion. Hours do not count towards the hours required by the major. (Fall, Spring)
- 413, 414. Independent Study (W)(H)** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.  
Systematic guided reading and the preparation of a paper. Prerequisite: nine hours in religion and permission of the instructor. (Maximum six hours)
- 475-476. Honors Course (W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Series offered to achieve Departmental Honors. Prerequisites: COM 100; WRI 101. (Offered occasionally).
- 490. Senior Seminar (H)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.  
This capstone course involves preparation and presentation of a research paper on a selected topic in the study of religion. Required of all majors; minors need permission of instructor. Prerequisites: Senior religion major or permission of the instructor; 14 hours in REL; COM 100; WRI 101. (Spring)

## **SDN-Self-Designed**

- 370. Internship** 0-6 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-6.  
Supervised off-campus work experience. Site and schedule must be determined by student with approval of faculty mentor and Self-Designed Studies committee chair. Internship Contract must be completed prior to registration. Prerequisites: Junior or Senior standing, Self-Designed Studies major. (Fall or Spring)
- 371. Independent Research Project** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.  
Students are invited to complete an independent research project under the supervision of a faculty member, and present their research findings at an appropriate public forum. Prerequisites: Junior standing, Self-Designed Studies status. Permission of faculty mentor and Self-Designed Studies Committee chair is required. (Fall or Spring)
- 372. Study Abroad or Study Away** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.  
Students are invited to pursue off-campus study that complements their Self-Designed Studies major. Upon returning to campus, students will enroll in this course. They will write a reflection paper and make their presentation at an appropriate public forum. Prerequisites: Junior Standing, Self-Designed Studies status, and approval of the Self-Designed Studies Committee chair. (Fall or Spring)
- 400. Portfolio** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.  
Student will work independently with two mentors to present a portfolio of significant projects developed throughout his/her tenure at Heidelberg. Connecting text should link projects from the selected departments in the Self-Designed Studies major, and explain their significance in the student's development. Text itself should include latest research in the area of student's interest. Portfolio will be in an electronic format if possible. A public presentation will be required. Permission of Chair of Self-Designed Studies Committee is required. (Fall or Spring)

## **SOC-Sociology**

- 100. Introductory Sociology (S)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
This course investigates the study of social life, social change, and the social causes and consequences of human behavior. The course focuses on the structure of groups, organizations, and societies, and how people interact within these contexts. (Spring)

**230. Contemporary U.S. Social Issues** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An analysis of selected American social problems, ie. such as issues related to race, poverty, gender, medical care, and the environment. The problems will be viewed from various sociological perspectives. Students with credit for ANT 230 will not receive credit for SOC 230.

**310. Intermediate Data Science I (Q)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

A course highlighting quantitative methods beyond those covered in an introductory research methods course. Topics may include, but are not limited to; data preparation, confirmatory and exploratory factor analysis, logistic and ordinal regression. Prerequisites: BSC 201; MTH 090, or MTH Placement into 114, or higher. (Spring)

**311. Intermediate Data Science II** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

A course highlighting quantitative methods beyond those covered in an introductory research methods course. Topics may include, but are not limited to; multilevel models, latent variable models. Prerequisites: BSC 201, SOC 310 (Offered Occasionally)

**347. Cities and Society (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Nature and growth of cities, urbanization, structure and process of modern urban life and the current urban crisis; the future of the city and its role in an emergent world system. Open to seniors or by department permission. Travel is an option for this course and additional fees apply. Students with credit for ANT 347 will not receive credit for SOC 347. (Fall)

**373. Sociology of Deviance** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the study of deviance within society; primarily focused on the application of macro-level, meso-level, and social psychological theories of deviance to selected deviant groups and behaviors. Students with credit for Special Topic of Deviance is not eligible for this course. Prerequisites: SOC 100 (Spring, odd-even years)

**380. Topics in Sociology (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Topics of interest to students in the various social sciences. This course may be repeated when taken as a different topic.

**415. Social & Behavioral Health (R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to social and behavioral aspects of health. Public health / community health / social health are emerging interdisciplinary fields that require knowledge of multiple theories and frameworks – including those drawn from psychology, sociology, and behavioral economics. Prerequisites: Junior or Senior status. (Spring, Even/Odd)

**445. Sociology of Religion** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An introduction to the scientific study of the psychosocial dynamics of religion. Topics include intersectionalities of religion, class, race, gender, and sexual orientation; religious violence; and religion and social change. Prerequisites: SOC 100 (Fall, even-odd years)

## **SPA–Spanish**

**101. Elementary Spanish** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A sequence course introducing the fundamentals of Spanish language and culture through the basic skills: listening comprehension, reading, writing and speaking. There is an additional fee with this course.

**102. Elementary Spanish** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The second sequence course of the fundamentals of the Spanish language and culture through the basic skills: listening comprehension, reading, writing and speaking. There is an additional fee with this course. Prerequisite: SPA 101.

**201. Intermediate Spanish** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course continues the study of Spanish language and culture at an intermediate level. Emphasis on the four skills of listening, speaking, reading and writing. Prerequisite: SPA 102 or placement into SPA 201.

**202. Intermediate Spanish** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course is the second sequence at the intermediate level with emphasis on the study of Spanish language and culture. Emphasis on the four skills of listening, speaking, reading and writing. Prerequisite: SPA 201 or placement into SPA 202.

**290. Study Abroad Preparation (G)** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course prepares students for their study abroad experience in a Spanish-speaking country through readings and reflections on the cultural differences that they are likely to experience. Students will also develop a viable proposal for their capstone research projects, which will include data collected while abroad. The final capstone paper and presentation will be complete upon students' return to campus in SPA 490, Spanish Capstone Course.

**305. Introduction to Conversation** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Oral practice to develop communicative proficiency. Vocabulary building and role playing dealing with practical situations. Prerequisite: SPA 202 or equivalent.

**307. Composition I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Selected grammar review and application through controlled writings. Prerequisite: SPA 202.

- 319. Spanish Inside Out I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Development of reading skills by reading, discussing, and writing about a variety of texts, vocabulary building and study of difficult grammatical structures. Prerequisite: SPA 202.
- 320. Spanish Inside Out II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Development of reading skills by reading, discussing, and writing about a variety of texts, vocabulary building and study of difficult grammatical structures. Prerequisite: SPA 202.
- 321. Survey of Latin American Literature (H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
A survey of Latin American literature from the precolonial period to the present. Prerequisite: SPA 202.
- 325. Spanish Literature Survey (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
A survey study of Spanish (Peninsular) Literature from Golden Age to the present. Prerequisite: SPA 202.
- 330. Contemporary Latin American Narrative (H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Socio-historical and ideological study of the New Latin American Narrative with emphasis on “Magic Realism” and “Post – Boom” works. Prerequisite: SPA 202.
- 333. Spanish Culture and Civilization (H)(G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
A study of the culture and civilization of Spain from its origins to the present. Topics include geography, history, art, architecture, music, literature. Prerequisite: SPA 202.
- 334. Latin American Culture and Civilization (G)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
A study of the culture and civilization of Latin America from its origins to the present. Topics include geography, history, art, architecture, music, literature. Prerequisite: SPA 202.
- 335. Hispanic Literature for Children and Young People** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Familiarization with significant classical and contemporary Spanish texts from a variety of genres for children and young people; practice in planning and implementing strategies for sharing these texts with an audience, especially with children and young people in the schools; experience in use of appropriate technology to gather information, keep abreast of developments, prepare and deliver presentations. Prerequisite: SPA 202.
- 340. Guided Study** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.  
Study of topics in literature or language not covered by regular course offerings. Independent work under close supervision and tutorial arrangements. Previous approval of faculty necessary for enrollment. Prerequisite: SPA 202.
- 370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.  
Practical on-the-job experience for upper-class students. Prerequisite: Approval of Department faculty.
- 401, 402. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.  
Independent research and final paper on subjects in literature or language not covered by regular course offerings. Previous approval of faculty necessary for enrollment. Prerequisite: SPA 202.
- 411. Special Topics in Hispanic Literature** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
An in-depth study of specialized topics in Spanish (Peninsular) or Latin American Literature as selected by the Spanish faculty. Prerequisite: SPA 202.
- 412. Special Topics in Spanish Language** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
An in-depth study of specialized topics in the Spanish language as selected by the Spanish faculty. Prerequisite: SPA 202.
- 475-476. Honors Course** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.  
Series offers a major research project to achieve Departmental Honors. By prior arrangement with the staff.
- 489. Spanish Portfolio (G)** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.  
The course encourages and supports students in developing speaking and writing skills in the target language. It monitors their progress toward the goal of achieving the ACTFL Advanced Level of Proficiency in speaking and writing by the time they graduate. Freshmen get acquainted with the objectives of the course during a meeting of majors. Sophomores collect baseline speaking and writing samples in SPA 290. Juniors generate and collect a large number of speaking and writing samples during their study abroad. Seniors register for the course, and speaking and writing samples completed during their senior year and organize their language samples into a portfolio. Offered every year, usually first semester. Prerequisite: completion of study abroad; COM 100; WRI 101. Completion of the ACTFL Oral Proficiency Interview (OPI) and of the Writing Proficiency Test (WPT) is required for this course. There is an additional fee with this course.
- 490. Spanish Capstone Course** 1 credit hour. Recitation: 3. Laboratory: 0. Alternative Mode: 1.  
This is a culminating course for students completing the Spanish major. In the format of a writing workshop, students prepare a paper based on the original research project which they proposed in SPA 290, Study Abroad Preparation. During their time abroad, students collect data for the project, which is written, revised, and presented in SPA 490. This course also complements SPA 489, Spanish Portfolio. Offered every year, usually during the first semester. Prerequisite: completion of study abroad; COM 100; ENG 101.



## THR–Theatre

**100A. Theatre Production** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course will explore theatre design and production elements, such as stage management, prop, lighting, costume and construction crew, with a minimum of 45 hours of work required. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. (Fall/Spring)

**200A. Theatre Production** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0. This course will explore theatre design and production elements, such as stage management, prop, lighting, costume and construction crew, with a minimum of 45 hours of work required. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. (Fall/Spring)

**300A. Theatre Production** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course will explore theatre design and production elements, such as stage management, prop, lighting, costume and construction crew, with a minimum of 45 hours of work required. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. (Fall/Spring)

**400A. Theatre Production** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course will explore theatre design and production elements, such as stage management, prop, lighting, costume and construction crew, with a minimum of 45 hours of work required. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. (Fall/Spring)

**100B. Theatre Performance** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course is designed for performers in plays, and musical theatre productions. Performers can be actors, singers, and pit musicians. Students will complete a minimum of 45 hours of rehearsal time in a major theatre production exploring the preparation and performance process. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. Prerequisite: Permission of Instructor. There is an additional fee with this course. (Fall/Spring)

**200B. Theatre Performance** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course is designed for performers in plays, and musical theatre productions. Performers can be actors, singers, and pit musicians. Students will complete a minimum of 45 hours of rehearsal time in a major theatre production exploring the preparation and performance process. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. Prerequisite: Permission of Instructor. There is an additional fee with this course. (Fall/Spring)

**300B. Theatre Performance** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course is designed for performers in plays, and musical theatre productions. Performers can be actors, singers, and pit musicians. Students will complete a minimum of 45 hours of rehearsal time in a major theatre production exploring the preparation and performance process. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. Prerequisite: Permission of Instructor. There is an additional fee with this course. (Fall/Spring)

**400B. Theatre Performance** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

This course is designed for performers in plays, and musical theatre productions. Performers can be actors, singers, and pit musicians. Students will complete a minimum of 45 hours of rehearsal time in a major theatre production exploring the preparation and performance process. This course is open to theatre majors and non-majors. This course is repeatable four times under different titles. Prerequisite: Permission of Instructor. There is an additional fee with this course. (Fall/Spring)

**105. Play Production: Stagecraft–Set Design, Construction, Lighting and Props (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A practical course that familiarizes students with the basic areas and theory of set design, set construction, lighting, and props. Students must sign up for guided practice outside of the instructional class time. Especially recommended for the prospective public school teacher. There is an additional fee with this course. (Fall)

**106. Play Production: Stagecraft – Costume Design, Sound Design and Stage Management (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A practical course that familiarizes students with the basic areas of theory of sound design, costuming, and stage management. Students must sign up for guided practice outside of the instructional class time. Especially recommended for prospective public school teachers. There is an additional fee with this course. (Spring)

**108. Introduction to Acting (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Stresses theory and principles of acting with a focus on Improvisation, Stanislavski, Stella Adler and Commedia Dell'Arte. Exercises progress from group and individual improvisations to acting in monologues from great dramas. A student cannot earn credit for THR 108 when credit was earned in THR 207. (Fall, Spring)

**110. Freshman Portfolio** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

Freshman will create a portfolio that will contain copies of their reflections on performances and production, and the creation of professional resumes, etc. Students will maintain their portfolio throughout their tenure at Heidelberg as a Theater major. (Spring)

**150. Introduction to the Theatre (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Understanding the theatre's nature and historical significance as well as the contributions of playwright, director, actor, designer and critic. Student preparation includes attending plays. (Fall, Spring)

**208. Intermediate Acting (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Theory and practice in specialized areas of acting with a focus on Viewpoints, Lecoq's physical theatre and clowning, as well as Stella Adler Technique as applied to Chekhovian and contemporary drama. A student cannot earn credit for THR 208 when credit was earned in THR 307. Prerequisites: THR 108. There is an additional fee with this course. (Spring)

**210. Sophomore Portfolio Review** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

Each student will create a portfolio that will contain copies of all their writings, performances, productions, speeches, and applicable professional resumes, etc. Students will maintain their portfolio throughout their tenure at Heidelberg as a Theatre major.

**215. Discover the Body Through Movement (P)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Through total body conditioning, increase physical fitness, spatial and body awareness, communication through movement, and confidence while exploring human anatomy and its efficient function. Exercises, based in dance and post-modern body work, will focus on the unification of breath to movement, stability and bodily alignment, grounding to the floor, and relaxation. While providing specific knowledge for applications to the stage, the course will also focus on practical applications for lifelong fitness. (Fall)

**216. Introduction to Dance: Ballet and Modern (P)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Explore the body's unique abilities through ballet and modern dance. Classes will focus on becoming familiar with terminology common to many dance forms and how to execute the movements as described. (Fall)

**217. Introduction to Dance: Tap, Jazz and Popular Dance (P)** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Through various dance styles we will prepare the body for use as an instrument while becoming familiar with dance terminology common to many dance forms and how to execute the movements described. The student will explore the fundamentals of contemporary dance styles including tap, jazz, musical theatre, and hip-hop. Classes will consist of a warm-up, exercises specific to each dance style, and stretching, working the body through a healthy posture and alignment that will be useful to the dancer as well as in lifelong fitness. There is an additional fee with this course. (Spring)

**218. Dance Studio** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course will explore choreographers from the past and present and how their styles helped shape the productions on which they collaborated and, in some cases, the genre as a whole. Students will develop a broader movement vocabulary and connection to their body through a study of the depth of theatrical movement. The semester's work will include creating, in detail, two selections of choreography from differing stage productions, while becoming familiar with specific choreographic styles. This course is repeatable up to four times under different titles. Prerequisite THR 216 and 217, or permission of instructor. (Fall, Spring)

**219. Experiential Learning in Theatre Production (F)** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

Minimum of 45 hours of work on a production project. Projects can be from any design field, technical direction, stage management, or major crew responsibility. Students will complete a journal of reflections on that work. This course does not fulfill any degree requirements for theatre majors, and students may enroll for a total of four times. (Fall, Spring)

**220. Experiential Learning in Theatre Performance (F)** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

This course is designed for performers in plays and musical theatre productions. Performers can be actors, singers and pit musicians. Students will complete a minimum of 45 hours of rehearsal time and the successful completion of the performance schedule in a major theatre production. Students will complete a journal of reflections on the rehearsal and performance process. This course does not fulfill any degree requirements for theatre majors, and students may enroll for a total of four times. Prerequisite: Permission of the instructor. There is an additional fee with this course. (Fall, Spring)

**250. Makeup for the Stage and Screen** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Students will develop the necessary vocabulary to understand, research, discuss, evaluate and execute various theatrical makeups and designs. One lecture and one hour of guided practice session per week. Prerequisite: THR 105 or 106. (Spring)

**270. Principles of Design** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode Guided Practice: 0.

This course will explore design process from theatrical conception to performance with a particular focus on scenic, costume, light and projection, and sound designs. Design concepts and principles will be investigated across a diverse theatrical repertoire including musicals and plays across the historic periods of theatre. Students will serve as assistants to the design teams for Heidelberg productions and create design concepts for theatrical texts. Course consists of 2 contact hours of classroom lecture and 1 hour of guided practice per week. All design production assignments are at the discretion of the head of the Theatre department. There is an additional fee with this course. Prerequisites: THR 105, 106. (Fall of Even/Odd years)

**306. Directing (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The director's role in the theatre with specific practice in the selection and analysis of a play, coordination of related technical areas and directing the actor. Each student prepares and presents scenes from selected plays and a one-act play, as part of the Heidelberg Season. (Spring, odd-even years)

**308. Advanced Acting (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Theory and practice in specialized areas of acting with a semester's concentration on Emotional Recall, Greek Tragedy, Renaissance tragedy and comedy, and acting for film and television. A student cannot earn credit for THR 308 when credit was earned in THR 407. Prerequisite: THR 208. (Fall)

**310. Junior Portfolio Review** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

Juniors continue work begun in THR 210 on their portfolios. Students will work with a faculty mentor in their major and present their portfolio at the end of the semester to departmental faculty. Prerequisite: THR 210. (Spring)

**316. Modern Dance Technique** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Analysis and practice of modern dance technique. Students develop an understanding of body awareness, the fundamentals of improvisation, and terminology associated with contemporary dance styles. Emphasis is placed on expressive body movement, warm-up exercises, and basic principles of form within improvisational choreography. Prerequisites: THR 216, 217. (Fall)

**317. Tap Dance Technique** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Analysis and practice in tap dance technique. Students develop an understanding of tap dance terminology, styles, and the history of tap dance in stage and film. Prerequisites: THR 216, 217. (Spring)

**320. Advanced Musical Theatre Styles (F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Practical study of the history and development of the musical theatre with emphasis on the roles of actors, stage directors and choreographers. Students will gain experience in analysis, preparation, and staging of musical numbers from standard operettas and musical plays. Advanced study of musical theatre repertoire, history, and performance practice of Operetta, Musical Comedy, Contemporary pre-1970 and Contemporary post-1970. (Spring)

**321. Theatre History I (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A survey of dramatic literature from early Greece, Asian, Roman, Medieval, Renaissance and Restoration Theatre. Representative plays of each major dramatic movement will be considered. (Fall, odd-even years)

**322. Theatre History II (H)(R)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A survey of dramatic literature from the early 19th Century and 20th Century, as well as Contemporary works. Representative plays of each major dramatic movement will be considered. Prerequisites: COM 100 and WRI 101, and the Honors Program. (Spring, odd-even years)

**345. Selected Topics** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of selected topics in theatre of interest to upper level students and staff. Topics offered will concern areas not commonly stressed in regular courses. This course has an additional fee. Prerequisite: THR 105 or 106 or 150. May be repeated four times and under a different topic. (Fall, Spring)

**370. Internship** 0-15 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-15.

Departmental permission required. (Fall, Spring)

**375. Creative Drama (F)(W)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

A practical introduction to philosophies, principles, and techniques of creative drama and theatre education. Development of the individual or group collaborative creativity through the use of dramatic play, imagination, improvisation, theatre exercises, educational theory, and curriculum building. Applicable to classroom teaching and arts integration, leadership, counseling, recreation, group team-building, and creative writing. Field experience is required. There is an additional fee with this course. (Fall, even-odd years)

**407. Advanced Acting II (F)** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

Theory and practice in specialized areas of acting with a semester's concentration on Greek Tragedy, Renaissance tragedy and comedy, and acting for film and television. This course has an additional fee. Prerequisites: THR 207 and 307. (Fall, odd/even)

**410. Senior Portfolio Review** 0 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 0.

Seniors complete work begun in THR 210 and continued in THR 310. Students will work with faculty mentors and present their portfolios to departmental faculty at the end of the semester. Prerequisite: THR 310. Concurrent enrollment into THR 499.

**445. Advanced Design Practicum** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

Student-proposed on-campus practical theatre production experience. Students will take leadership positions in the production and design components of the theatre season and work with guest artists. Minimum of 90 hours of instruction and work on a main-stage production serving in the role of Production Stage Manager, Technical Director, Set Designer, Costume Designer, Director, or Musical Director. Students will work with professionals in the field as a full member of the production team. The artistic director of the theatre department confirms all student production assignments. Prerequisite: THR 105, 106, 270 and junior status.

**451, 452. Independent Study** 1-3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 1-3.

Individual research under the direct supervision of a departmental faculty member. Opportunity for advanced work in theatre arts areas of special interest to the student. Prerequisite: Permission of the instructor. (Fall, Spring)

**499. Senior Performance Project** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Students will prepare a public performance of dramatic literature as an actor, director, designer, playwright or dramaturg. Theatre Capstone Course. Prerequisites: COM 100; WRI 101. Concurrent enrollment in THR 410.

## **WSS–Watershed Science**

**210. Field Methods in Watershed Science** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

Students will get hands-on training in a wide range of watershed science field methods with a special focus on the Rock Creek watershed. Topics will include field methods pertaining to physical stream measurements, chemical analyses, biological assessments, field equipment use and maintenance, as well as watershed land use assessments. Students will complete guided research projects within the Rock Creek watershed providing valuable data that will be included in a long-term Rock Creek watershed database. Students will also interact with local watershed and land use science professionals to enhance their learning experience. (Prerequisites: ENS 101, 101L) (Fall)

**235. Freshwater Ecology** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

Students will learn about a variety of freshwater ecosystems. Topics covered will include the geology, chemistry, organismal biology, population ecology, community ecology, and ecosystem ecology of freshwater systems. Learning will take place through lab and field studies and will include several studies of regional aquatic ecosystems. Special focus will be given to issues currently affecting the freshwater ecosystems of the Ohio River and Great Lakes Basins. Prerequisite: BIO 124. (Fall, even-odd years)

**305. Wetlands** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Students will learn about the ecology, history, importance, and conservation of wetland ecosystems through interdisciplinary class discussions, field visits, field and lab studies, and research project proposals. Special emphasis will be given to the history and importance of wetlands in the region and the emergence of engineered wetland ecosystems for improving water quality. Prerequisite: BIO 124. (Fall, odd-even years).

**352. Watershed Hydrology(Q)(W)** 4 credit hours. Recitation: 3. Laboratory: 1. Alternative Mode: 0.

This course will review the fundamental characteristics of precipitation, surface water movement, and groundwater movement within and between watersheds. Laboratories will include introduction to hydrological measurement techniques and statistical characterization of hydrologic phenomena. Prerequisite: GEO 101, 101L, MTH 121. (Fall, odd-even years)

**405. Watershed Management** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

In this course, students will explore approaches to water resource protection and enhancement, using the watershed approach. Methods of reducing both point and nonpoint sources of pollutants will be addressed, as well as methods for habitat protection and restoration. Students will also utilize geographical information systems for cataloging resource information and tracking time variable watershed inputs and outputs. Prerequisites: BIO 124 and a statistics course (BIO 205, MTH 119, 219, 312); COM 100 and WRI 101 or Honors Program. (Fall, even-odd years)

## **WGS–Women’s and Gender Studies**

**100. Introduction to Women’s and Gender Studies (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Interdisciplinary approach to the study of gender and its intersections with ethnicity, class, and sexuality. Topics will include the social construction of gender, privilege and inequality, health and reproductive rights, family values, and gender dynamics in the workplace. (Spring)

**300. Topics in Women’s and Gender Studies** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Study of selected topics in women’s and gender studies. Topics offered will concern areas not commonly stressed in regular courses. Prerequisite: Junior or Senior standing, or permission of instructor. (Spring, odd-even years)

**400. Gender Theory (H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

An overview of major authors and works in feminist, masculinity, and queer theories. Prerequisite: Junior or Senior standing and WGS 100 or permission of instructor. (Spring, even-odd years)

## **WRI–Writing**

**101. College Writing II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Instruction and practice in writing varieties of expository prose. Students with credit in ENG 101 may not earn credit for this course. (Fall, Spring)

**101S. College Writing Workshop** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Optional auxiliary instruction and practice in developing basic college-level writing skills to be taken concurrently with WRI 101. Course restricted to freshman and sophomore level students, or by departmental permission. Students with credit in ENG 100 or WRI 100 may not earn credit for this course. (Fall, Spring as needed)

**210. Creative Writing (R)(W)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

The study and creation of short fiction and poetry. Prerequisite: WRI 101, exemption exam, or Honors Program and sophomore standing or above. Students with credit in ENG 210 may not earn credit for this course. (Fall, Spring)

**213. Intermediate Writing (R)(W)(H)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Additional instruction and practice in writing varieties of expository prose, with particular emphasis on critical and disciplinary writing. Prerequisite: WRI 101, exemption exam, or Honors Program. Students with credit in ENG 213 may not earn credit for this course. (Spring)

**310. Special Topics in Writing and Language** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Selected topics in writing and language study. This course may be repeated once with a different subtitle. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, odd-even years)

**311. Advanced Poetry Writing (R)(W)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Creation and critique of the lyric poem. Includes the workshoping of student poems. Students with credit in ENG 311 may not earn credit for this course. Prerequisite: WRI 210. (Spring, even-odd years)

**312. Advanced Fiction Writing (R)(W)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Creation and critique of fiction. Includes the workshoping of student narratives. Students with credit in ENG 312 may not earn credit for this course. Prerequisite: WRI 210. (Spring, odd-even years)

**314. Advanced Creative Nonfiction Writing (R)(W)(F)** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

Creation and critique of creative nonfiction. Includes the workshoping of student writing. Prerequisite: WRI 210. (Fall, even-odd years)

**351. Business and Professional Writing** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Study of and practice in writing business and professions. Topics include memos, letters, proposals, progress reports, recommendation reports, and job-search materials. Students with credit for WRI 251 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, even-odd years)

**352. Grant Writing** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Study of and practice in writing grant applications businesses, non-profit organizations, schools, and/or government agencies. Students with credit for WRI 252 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, odd-even years)

**353. Writing and the Publishing Industry** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Study of the publishing industry (both print and digital) and practice in writing for publication. Topics include freelance writing, query letters, agents, large and small publishing houses, vanity presses, academic publishing, self-publishing, etc. Students with credit for WRI 253 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, even-odd years)

**354. Writing to Inform** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Study of and practice in writing short informational pieces for a variety of media and situations, including but not limited to program notes, artist statements, museum labels and programs, product descriptions, software guides, online database entries, etc. Students with credit for WRI 254 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, odd-even years)

**355. Writing for Social Change** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Study of and practice in writing essays, letters to the editor, pamphlets, and other genres intended to sway opinions, alter behaviors and/or influence policies in the public sector. Students with credit for WRI 255 may not earn credit for this course. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, even-odd years)

**356. Writing for Non-Specialist Audiences** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

Study of and practice in writing about specific subjects for general readers. Possible subjects include but are not limited to music, art, culture, history, science, nature, health and medicine, technology, business, politics, current events, sports, etc. Prerequisite: WRI 101, exemption exam, or Honors Program. (Fall, odd-even years)

## **Terra State Community College Course Descriptions**

Consortium courses for Bachelor of Science Degree in Nursing. Courses meeting general education requirements or alternative courses to meet major requirements are to be addressed with the Nursing Program Director.

### **BIO- Terra State Community College Biology**

**BIO 1720. Microbiology** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course covers principles of microbiology, including microbial structure, metabolism, and growth. With emphasis on microorganisms and human disease, this course explores the identification and control of pathogens, disease transmission, host resistance, and immunity. Immunology is also studied. The lab course develops techniques in the preparation, handling and identification of a variety of microbial cultures. Upon completion, students should be able to demonstrate knowledge of microorganisms and the disease process as well as aseptic and sterile techniques.

**BIO 1725. Microbiology Laboratory** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

Topics of the lab align to the lecture course. This lab develops techniques in the preparation, handling and identification of a variety of microbial cultures. Upon completion, students should be able to demonstrate knowledge of microorganisms and the disease process as well as aseptic and sterile techniques.

## NUR– Nursing Terra State Community College Consortium

The courses listed in this section are available to only those students who are accepted into the Terra State Community College Nursing Consortium.

**1150. Clinical Judgment in Nursing** 2 credit hours. Recitation: 2. Laboratory: 0. Alternative Mode: 0.

This course introduces clinical judgment through a focused study of critical thinking skills and strategies (clinical judgment competencies) used by the Registered Nurse. The student then applies the clinical judgment needed to apply the nursing process as well as deal with aspects of the healthcare system for safe practice in the current healthcare environment. This course provides the foundation for the thinking processes applied throughout all nursing courses.

**1160. Foundations in Nursing** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course focuses on fundamental concepts of nursing necessary for safe, compassionate, patient-centered care for a diverse patient population with well-defined healthcare concerns, their families, and other support persons. Select nursing skills are taught in the concurrent skills laboratory course; theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**1163. Foundations in Nursing Clinical** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

Fundamentals of nursing theory, patient care skills, and clinical judgment are applied to the care of diverse adult patients with well-defined healthcare concerns in various healthcare settings.

**1165. Foundations in Nursing Lab** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

This course focuses on nursing skills related to fundamentals of nursing practice within the college nursing laboratory. Prepares the student to perform nursing psychomotor skills in the clinical setting.

**1170. Adult Health Nursing I** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course builds on and expands the nursing theory learned in semester 1 to the acquisition and application of adult nursing theory for safe, compassionate, patient-centered care of diverse adult patients with acute and chronic health conditions, their families, and other support persons. Select nursing skills are taught in the concurrent skills laboratory course and theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**1173. Adult Health Nursing I Clinical** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

This course applies Adult Health Nursing theory, patient care skills, and clinical judgment to the care of diverse adult patients with acute and chronic health conditions in various healthcare settings.

**1175. Adult Health Nursing I Lab** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

This course focuses on advanced nursing skills related to nursing practice across the life span within the college nursing laboratory. Prepares the student to perform nursing psychomotor skills in the clinical setting.

**1180. Psychiatric Mental Health Nursing** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 2.

This course builds on and expands the nursing theory learned in semester 1 to the acquisition and application of mental health nursing theory for safe, compassionate, patient-centered care of diverse patients with various mental health needs, their families, and other support persons. Theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**1183. Psychiatric Mental Health Nursing Clinical** 1 credit hour. Recitation: 0. Laboratory: 0. Alternative Mode: 1.

Mental Health Nursing theory, patient care skills, and clinical judgment are applied to the care of diverse patients with mental health conditions in various healthcare settings.

**2100. Maternal Newborn Nursing** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course builds on and expands nursing theory learned thus far in the program to the acquisition and application of nursing care of the reproducing family for safe, compassionate, patient-centered care of diverse patients, their families, and other support persons. Theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**2103. Maternal Newborn Nursing Clinical** 0.5 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.5.

Care of the Reproducing Family theory, patient care skills, and clinical judgment are applied to the care of diverse reproducing family including the neonate in various healthcare settings or simulated settings.

**2200. Nursing Care of Children** 1 credit hour. Recitation: 1. Laboratory: 0. Alternative Mode: 0.

This course builds on and expands the nursing theory learned thus far in the program to the acquisition and application of pediatric nursing theory for safe, compassionate, patient-centered care of diverse children, their families, and other support persons. Theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**2205. Nursing Care of Children Lab** 0.5 credit hour. Recitation: 0. Laboratory: 0.5. Alternative Mode: 0.

Pediatric nursing theory, patient care skills, and clinical judgment are applied to the care of diverse children in simulated settings.



**2300. Adult Health Nursing II** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This course builds on and expands the nursing theory learned thus far in the program to the acquisition and application of adult health nursing theory for safe, compassionate, patient-centered care of diverse patients with acute and chronic health conditions, their families, and other support persons. Theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**2303. Adult Health Nursing II Clinical** 2 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 2.

Adult Health Nursing theory, patient care skills, and clinical judgment are applied to the care of diverse adult patients with acute and chronic health conditions in various healthcare settings.

**2400. Adult Health Nursing III** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 2.

This course builds on and expands the nursing theory learned thus far in the program to the acquisition and application of adult nursing theory for safe, compassionate, patient-centered care of diverse adult patients with complicated health conditions, their families, and other support persons. Theory, patient care skills, and clinical judgment are applied in the concurrent clinical course. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**2403. Adult Health Nursing III Clinical** 3 credit hours. Recitation: 0. Laboratory: 0. Alternative Mode: 3.

Adult health nursing theory, patient care skills, and clinical judgment are applied to the care of diverse adult patients with complicated health conditions in various healthcare settings.

**2500. Nursing Care of Complex Patients** 3 credit hours. Recitation: 3. Laboratory: 0. Alternative Mode: 0.

This culminating course expands on the theory of nursing practice for application to caring for a variety of adult patients with complex healthcare needs. Application of knowledge, patient care skills, and clinical judgment occurs in the concurrent simulation laboratory course. This advanced, comprehensive course provides a synthesis of all nursing concepts and content taught throughout the program. In this course the individual student identifies areas that need enhancement prior to entering Registered Nursing practice and includes a review for the NCLEX-RN with strategies for success. Principles of pathophysiology, nutrition and pharmacology are integrated into this course.

**2505. Nursing Care of Complex Patients Lab** 1 credit hour. Recitation: 0. Laboratory: 1. Alternative Mode: 0.

Adult health nursing theory, patient care skills, and clinical judgment are applied to the care of diverse adult patients with complex healthcare needs in simulated healthcare environments.

# HYPE Career Ready® Program

The HYPE Career Ready® Program is a co-curricular program students complete over the course of their entire career at Heidelberg. HYPE aims to cultivate emotional intelligence attributes and develops essential leadership skills that are crucial for student success in their personal and their professional lives. Completion of the program enhances our students' knowledge necessary to engage in an ever-changing global society and provides an advantage to our students given employer demand for these characteristics and skills. HYPE Career Ready® emphasizes the connection between students' college experiences and their life goals. The HYPE Career Ready® and Placement Office is responsible for continual assessment and any programmatic changes to this graduation requirement.

## ► HYPE SKILLS

Upon completion of the HYPE Career Ready® Program, students will recognize how each skill integrates into their personal and professional goals after graduation. Students must complete experiential learning sessions in each of the following categories:

- **Values:** recognize different value systems, reflect on their own values systems, and demonstrate how those values are tailored toward their goals.
- **Work Styles:** recognize different working styles, reflect on their own, and demonstrate how the ways they are most productive are tailored towards their life goals.
- **Job Search Skills:** identify different job search skills, develop those skills and demonstrate how those skills will help accomplish their goals.
- **Communication:** recognize skills used in professional and/or culturally diverse environments to synthesize ideas in order to communicate effectively both verbally and nonverbally.
- **Collaboration:** recognize group dynamics and distinguish ways to adjust their leadership style to accomplish common goals.
- **Conflict Management:** recognize divergent perspectives in order to critically analyze and manage conflict.

HYPE Career Ready® will be administered over the course of the academic year and will include all members of the Heidelberg community (students, faculty, and staff/administration). The program will begin with a common experience at the start of the fall semester for each class year (first year students have one experience; sophomores another, etc.) to build community among the class and re-connect students with the campus.

### Program Graduation Requirements

Students must complete 18 units at the 100 level and 24 units at the 200 level to include each of the six HYPE Skills. For their upper level experiences, students can choose to complete 3 units at the 300 level and 3 units at the 400 level, or 6 units at the 400 level.

Students earning credit for courses prior to entering Heidelberg may complete alternate program requirements. The total number of HYPE Units required is dependent upon the number of course semester hours transferred into Heidelberg.

- 1-23 semester hours transferred: Complete the entire program.
- 24-55 semester hours transferred: 31 HYPE Units required. Students must complete 13 units at the 100 level and 12 units at the 200 level to include each of the six HYPE Skills. For their upper level experiences, students can choose to complete 3 units at the 300 level, and 3 units at the 400 level, or 6 units at the 400 level.
- 56-87 semester hours transferred: 20 HYPE Units required. Students must complete 8 units at the 100 level and 6 units at the 200 level to include each of the six HYPE Skills. For their upper level experiences, students can choose to complete 3 units at the 300 level and 3 units at the 400 level or 6 units at the 400 level.
- 88+ semester hours transferred: 8 HYPE Units required. Students must complete 3 units at the 100 level, 3 units at the 200 level, 1 unit each at the 300 and 400 level, or 2 units at the 400 level.

Heidelberg students that began their enrollment prior to the summer of 2016, and are requesting to meet degree requirements in the 2016–2017 or 2017–2018 Undergraduate Catalog, will follow the reduced program requirements guidelines according to semester credit already earned towards the degree. Those students requesting to change catalogs and have earned more than 60 semester hours towards the degree will be exempt from the HYPE Career Ready® Program.

Students may request a review of alternative HYPE Units when prior life experiences, including but not limited to military service, career/employment, and family obligations are relevant. Additionally, students with a bachelor's degree from a four-year, regionally accredited institution are exempt from the HYPE Career Ready® Program. Inquiries for a formal request may be made to the executive director of the HYPE Career Ready® Program. Students who enroll at Heidelberg as adult (23+ years) students can request an exemption from the HYPE Career Ready® Program. Inquiries for a formal request may be made to the Executive Director of the HYPE Career Ready® Program.

### **HYPE Unit**

A HYPE Unit is a number value to track progress in the HYPE Career Ready® Program. One unit is typically a small commitment of time such as a 50 minute session. Two units require longer time commitments such as a 2 hour session or for a travel session. Experiential Learning units are determined by the HYPE Career Ready® and Placement Office.

### **HYPE Grade**

Each unit enrolled is provided a grade for transcription purposes as well as tracking progress. HYPE Career Ready® completed requirements will be given a symbol of NG. When a student does not attend a scheduled HYPE activity, the activity will be removed from the record.

### **HYPE Registration**

Registration, Adding and/or Dropping HYPE activities follows the course registration policies listed within the Academic Policies section of the catalog. When registration assistance is needed, students should contact their advisor. The last day to add without special permission is the Monday prior to the HYPE Career Ready® event.

### **Career Development and Placement**

The HYPE Career Ready® and Placement Office serves students exploring resume and cover letter development, interview skills growth, internship opportunities, full-time employment, and/or graduate school search.

## **► INTERNSHIP**

The Heidelberg University Undergraduate Internship program provides undergraduate students with the opportunity to apply knowledge obtained through coursework to an on-the-job experience. Internships allow students to develop the knowledge necessary to further their careers. Additionally, internships provide work experience that can enhance credibility in a highly competitive marketplace.

An internship will include various off-campus learning experiences taken for undergraduate academic credit. An internship is a component of the educational program that provides an opportunity to enhance the student's intellectual development through the application of knowledge. An internship is not an experience that can be purely observational.

The Executive Director of HYPE Career Ready® and Placement is responsible for maintaining all internship program records. The Executive Director of HYPE Career Ready® and Placement provides information on possible internship locations, general guidelines, departmental guidelines, and copies of all necessary forms. Internships are initiated and approved in the department sponsoring and supervising the internship.

### **Internships and Course Load, Zero Credit Hour**

1. Students are only eligible for a zero credit hour internship during the summer semester.
2. Students carrying a course load of 18 credit hours or more are not eligible to participate.
3. Students may not satisfy the requirements for the zero credit internship in a single 40-hour workweek without written permission from the faculty and off-campus supervisors.

4. Students enrolled for zero credit hours will satisfy the same requirements as students enrolled for a 1 credit hour internship.

### **Internships and Course Load, Credit Hour**

1. Students planning to take an internship for credit are eligible to participate during any semester.
2. For each credit attempted, 40 hours of work related experience is required.

Internship opportunities are available to juniors and seniors in good academic standing, with a minimum 2.00 cumulative grade point average. Underclassmen may be eligible to participate in an internship with the written approval of the faculty advisor and off-campus supervisor. Each academic department, however, can set its own internship policies (e.g., GPA and credit hour limits).

Guidelines are detailed in the Undergraduate Internship Program Handbook, available online. The amount of course credit that may be earned through an internship varies by department. A student cannot apply more than 15 internship credit hours towards the degree requirements. Students register for internship credit by completing an Internship Contract. Students must secure the approval of both a faculty advisor and an off-campus supervisor. Internship credits may not be applied to the General Education Requirements, and credit must be earned during the semester which the internship is completed.

Internship credit may be applied toward a major or minor ONLY if:

1. An internship is required of all students seeking a degree within that major;
2. The administering department, the Undergraduate Academic Policy Committee, and the faculty have granted prior approval for the internship to be applied toward the major or minor.

## ► STUDENT AFFAIRS MISSION STATEMENT

The Division of Student Affairs supports a seamless residential learning environment that provides critical services, develops engaging activities, and encourages meaningful connections that support the personal, intellectual, and professional development of students.

## ► THE STUDENT BODY

Heidelberg students do not spend the entire day in the classroom, nor do they find the classroom the only place for the exchange of ideas, self-development, realization of personal goals, social interaction and intellectual stimulation. Residence hall programs contribute to the development of the individual, as do community projects on a paid or voluntary basis, informal gatherings, Greek functions, faculty-student committee meetings, cultural events and numerous other programs. Heidelberg students represent about 18 states and numerous foreign countries. This is in keeping with the desire for a diversified student body. The natural exchange and assimilation of ideas, regional mores and ethnic differences help broaden a student's knowledge and understanding of other areas, cultures and peoples.

Heidelberg University is affiliated with the United Church of Christ. Out of this tradition, students of all religious and philosophical traditions are welcome. A full-time chaplain is available to support students in their spiritual and faith development. Presentation and forums are held regularly to enhance the liberal arts.

The desire of students to present and participate in worthwhile cultural events contributes to an intellectually stimulating academic climate, all part of the effort at Heidelberg to educate the whole person.

## ► STUDENT AFFAIRS STAFF

The Student Affairs staff is dedicated to creating and sustaining a supportive environment where each student can learn and grow. Personal, academic, spiritual and professional facets of development are seamlessly integrated through engaging programming, entertaining events that promote fun and school spirit, and critical services that link student experiences inside and outside the classroom.

## ► CIVIC ENGAGEMENT

The Office of Civic Engagement develops opportunities for community service, service learning and responsible citizenship. All first-year students participate in 'Berg Serve their first weekend of the fall semester. The campus shares in a "day on" of service for the Martin Luther King, Jr. Day of Service. Weekly service opportunities in the Tiffin-Seneca County area are made available through the Office of Civic Engagement. The Berg Service Challenge asks each student, staff and faculty member to give a minimum of 20 hours of service in a semester with at least 10 of those hours to one agency or community organization. Any person completing two semesters of the Berg Service Challenge is eligible for the President's Service Award. The Office of Civic Engagement also leads voter registration efforts on campus and encourages social and political action. Assistants for Civic Engagement are students hired to assist with this area.

## ► COMMUNICATIONS

Students have the opportunity to gain writing, layout, photography, management and broadcast experience through work on the student-run newspaper, literary magazine, yearbook, and radio and television stations.

## ► DEPARTMENTAL AND STUDENT ORGANIZATIONS

Heidelberg University offers over 80 student organizations providing opportunities for leadership, service, and fellowship. Through the annual registration process, organizations are encouraged to provide the Office of Student Engagement with up-to-date organizational information. In return the student organization has all the benefits of an officially recognized Heidelberg University student organization.

## ► DINING FACILITIES

Located in the center of campus, Hoernemann Refectory is an all-you-care-to-eat dining hall that serves breakfast, lunch and dinner until 10 PM everyday. Menu options change daily to create variety and feature seasonal flavors. Seating options vary from quiet nooks to large community tables. A meal/student I.D. card is required for each entry to the Hoernemann dining room by students, but open to the general public..

Berg Bistro 1850 is a public retail location in University Commons where students, faculty, staff and community members can enjoy breakfast, lunch, dinner, late night desserts and snacks.

The HeidelBean!, our own branded coffee shop here on campus featuring house baked pastries, handcrafted specialty coffee and teas, smoothies and much more. This location is open to all students, faculty, staff, and the community. Proudly brewing Crimson Cup Coffee and Tea.

Juice & Co. (featured in the Saurwein Power Station) This newly branded concept features made to order fresh fruit juices and Polar Protein drinks, health snacks, OntheGo Salads and Sandwiches, plus those convenience items you might have forgotten before or after that practice. This location is open to all students, faculty, staff and the community.

All residential students are required to maintain a board plan provided by the University. Berg Bucks, Flex Dollars, Cash, Credit, ApplePay and GooglePay are accepted at all dining locations.

## ► FACULTY-STUDENT COMMITTEES

One of Heidelberg's advantages as a small university is that students who are on Student Senate may serve as voting members on standard faculty committees, such as Academic Assessment Committee, Academic Policy Committee, Community Engagement Committee and Undergraduate Curriculum Committee, in addition to various ad hoc committees. The Student Senate president is a full voting member of the General Faculty.

## ► HEALTH SERVICES

The Stoner Health and Counseling Center provides the Heidelberg campus with a modern facility providing quality medical services. The Stoner Health and Counseling Center provides a walk-in health clinic, counseling services. The center is open Monday through Friday from 7:15 a.m. - 4:00 p.m. with counseling open 8:00 a.m. - 5:00 p.m. with limited evening hours when classes are in session; excluding summer.

## ► MUSICIANSHIP ACTIVITIES

During the year, the University brings to the campus outstanding concerts and lecture attractions. In the School of Music, weekly student recitals are presented to give experience in public performance. Faculty members and guest artists present recitals for the University and community throughout the year. Various musical organizations such as the Concert Choir, Symphonic Band, University-Community Chorus, University Symphony Orchestra, Chamber Singers, Opera Theatre, Singing Collegians and others contribute to the cultural program with numerous concerts.

## ► THE OFFICE OF INTERNATIONAL AFFAIRS AND STUDIES

The Office of International Affairs and Studies promotes intercultural understanding and global awareness through educational, social, and intercultural programming for all members of the university. The Office provides support services such as immigration and academic counseling to assist non-immigrant students and scholars with their transition to Heidelberg University and the U.S.



The Study Abroad Office, incorporated in the Office of International Affairs and Studies, provides support and guidance in international education opportunities for all students. The Office offers individual appointments and specifically designed programs such as informational sessions, pre-departure training, and reverse culture shock workshops to facilitate the study abroad process. As a result, students are better prepared for the study abroad experience as well as to become global citizens.

## ► THE OFFICE OF MULTICULTURAL STUDENT AFFAIRS

The Office of Multicultural Student Affairs facilitates and advocates for a more inclusive and equitable multicultural community by supporting the retention, graduation, and successful placement of students of color and advancing the conversation on diversity education for the Heidelberg community.

## ► RELIGIOUS LIFE

The Office of Religious Life provides students opportunities for spiritual growth, leadership development, community-building, exploration of diverse faith traditions, and advocacy for just communities through worship, pastoral care, educational programs, sacred spaces, social action, and involvement with student and religious organizations. The campus has two chapels: Rickly and Herbst, and a Quiet Room for prayer and meditation. Special services, Bible studies/scripture studies, vocational discernment, and retreats are promoted and encouraged by the Office of Religious Life. Religious Life organizations include Berg UCC, CRU, Catholic Newman Club, Cultural and Spiritual Club, and Fellowship of Christian Athletes. The Chaplain seeks to serve all interested students in connecting with their faith tradition, philosophical tradition and spiritual development. Chaplain's Assistants are students hired each year to assist with religious life. Current positions support Muslim Student Life, Black Church Life, Catholic Student Life, Protestant Student Life, and Interfaith Experiences.

## ► RESIDENTIAL LIVING

Residence hall living and special interest housing options are an important aspect of the total experience at Heidelberg University. Students gain valuable social experiences through living with people who share similar experiences and values. The University aspires that the group-living experience will be an enjoyable part of college life as well as a learning opportunity.

Within the residence halls, houses and apartment complexes, room arrangements vary from rooms for two to four students, with a limited number of single rooms. Some rooms have built-in furniture; others have movable furniture that permits flexible arrangement. Toilets and bathing facilities vary from semi-private facilities to bathrooms shared by a number of people. All residence halls, houses and apartments are tobacco free with Brown Hall, King Hall and Krieg Hall as alcohol/substance free.

Closets, desks, chairs, and beds are provided in the rooms. Personal lofts are not permitted. Free automatic washers and dryers are available in each residence hall, house and apartment complex. Special interest housing options are also available to residential students. Upperclass student groups may apply to live in University spaces that are characterized as independent housing opportunities for groups of students with a common interest. Theme-based housing is designed to provide opportunities for students to develop initiatives and programs that they feel will enrich Heidelberg University and/or Tiffin City communities through community service and other developmental opportunities.

All full-time students, except those commuting from their legal guardian's (parent's) home (within 35 driving miles), those married, or single parents with dependent children, those 23 years old or older and those among the designated number of seniors with 2.75 cumulative GPAs or higher AND no conduct history, are required to live and board in the residential buildings during their time at Heidelberg.

Students living off campus should bear in mind that their conduct reflects upon the University. Should there be a breach of conduct on the part of students residing off campus, they may be subject to University discipline and denial of off-campus privileges.

## ► SORORITIES AND FRATERNITIES

Approximately twenty percent of the Heidelberg campus belongs to a social greek society. These Greek organizations have played an important role in Heidelberg's educational and social life. Recruitment of new members occurs each year in the fall and spring semester. The Heidelberg Greek community is comprised of ten Greek letter organizations. Of the ten organizations, there are five men's fraternities, four women's sororities, and one mixed-gender society. Each organization is characterized with unique qualities and characteristics; but provides opportunities for anyone to join. Established originally as literary societies, these sororities and fraternities have developed into organizations committed to providing opportunities for leadership development and networking opportunities. Additionally, they strive to improve scholarship and community service/philanthropic efforts within Seneca County and the Heidelberg community. Finally, these organizations understand the true meaning of friendship through their brotherhood/sisterhood bonds and opportunities to demonstrate Greek unity through activities, such as Greek Week, Greek Sing, formals, and group retreats.

# Endowed Scholarships

166

Annually, Heidelberg directs millions of dollars to Financial Aid for the express purpose of providing financial assistance to our students. A small portion of this assistance is derived from Endowed Scholarships. These gifts come from alumni and friends for the specific purpose of creating a named scholarship to provide financial assistance to students. They are permanently invested in the University's endowment with only the interest available for spending. Scholarships are awarded by the Financial Aid Office based upon specific selection criteria created by the donor. Currently, named scholarships require a minimum gift of \$25,000. Some scholarships may require a separate application. The University is eternally grateful to these donors for the assistance their gifts provide in perpetuity.

DR. HENRY LYMAN ABBOTT MEMORIAL SCHOLARSHIP FUND, established in memory of Dr. Henry L. Abbott, a friend of Heidelberg, is to be awarded to a junior or senior in pre-medical studies who has attained a 3.5 cumulative grade point average and who intends to enter medical school. The recipient must be an American citizen, of good character, deserving and recommended by a member of the pre-medical faculty.

THE MARY R. ADAIR MEMORIAL SCHOLARSHIP FUND, established in 1982, is awarded to academically qualified and deserving students.

MR. AND MRS. J. EARL ADAMS SCHOLARSHIP, established in 1982, is awarded to deserving students.

O. W. ANDERSON SCHOLARSHIP, established in 1980, aids worthy students majoring in business administration.

DIANE P. ARMSTRONG MEMORIAL SCHOLARSHIP IN EDUCATION, established in 2015, is awarded to a sophomore, junior or senior education major with a 3.25 cumulative grade point average and in need of financial assistance.

ALICE C. ARNOLD SCHOLARSHIP FUND, established in 1988, is used to assist worthy and deserving students.

GEORGE AND JENNIE BACHMAN SCHOLARSHIP FUND, established in 1970, is used to help deserving students.

MARSHALL AND FLORENCE '22 BACON SCHOLARSHIP FUND, established in 2007 through the estate of Florence Bacon, benefits deserving students.

THE DARRYL R. BAUCHERT, SR. ENDOWED PRINCIPAL TRUMPET CHAIR, is to be awarded to a student trumpet player in the symphonic band. Recipient must be a sophomore, junior or senior, must have a 3.0 cumulative grade point average and be in need of financial assistance.

BECK-MEIER SCHOLARSHIP, established in 1983, is awarded to a pre-medical student.

HARRY ROBERT BEHRENS MUSIC SCHOLARSHIP FUND, established in 1970, provides scholarships for first-year students entering the Department of Music.

LEX BERSON SCHOLARSHIP, established by the Berson family, is awarded each year to a political science major.

THE BISHOP FAMILY SCHOLARSHIP, established in 2013, is awarded to two or more students who meet the following criteria: recipients must be a sophomore, junior or senior, have a minimum 3.2 grade point average, in need of financial assistance, show evidence of summer/job earnings, and be able to renew the scholarship on an annual basis. Business/Accounting/Economics requirement: recipient must be a business administration, accounting or economics major; Biology/Chemistry/Physics/Math requirement: recipient must be a biology, chemistry, physics, or math major.

THE HAROLD E. AND MARGARET M. BOEHM SCHOLARSHIP FUND is awarded annually to one or more full-time students who are sophomores or juniors, who are academically qualified, deserving and in financial need.

THE ROBERT B. BOLENBAUGH MEMORIAL SCHOLARSHIP FUND, established in 1992, is awarded to academically qualified and deserving students of financial need.

THE LUKE AND DORIS BOWDLER SCHOLARSHIP FUND, established in 2002 by Luke, class of 1941, and Doris, class of 1942, long-time supporters of Heidelberg University, this scholarship will benefit a deserving student.

- HERBERT L. BOWMAN SCHOLARSHIP FUND, established in 1988, is awarded to a student majoring in secondary education. Consideration is given to the students' scholarship, citizenship and moral standards.
- DR. MILTON F. BROWN MEMORIAL SCHOLARSHIP FUND was established in 1969 with the income given annually to a student majoring in the sciences, preferably a medical student.
- THE ELSIE AND HARRY BRUNKER SCHOLARSHIP, established in 2008, is awarded to a deserving student majoring in religion or aspiring to become a minister.
- WENDELL T. AND MARY F. BUCHER ENDOWED SCHOLARSHIP, established in 1994, is awarded to a qualified Heidelberg student who is a resident of the state of Ohio. Preference will be given to students whose major or intended major includes pre-medicine, education, or music.
- J. ALFRED CASAD SCHOLARSHIP IN MUSIC, established in 2004, to honor the life and support of J. Alfred Casad, Class of 1923, a long-time supporter of a University in the Rochester, NY area. The scholarship is to be awarded to a deserving student who is majoring in music.
- PHYLLIS M. AND GEORGE CHELOVITZ ENDOWED SCHOLARSHIP, established in 2014, provides scholarship support for the cost of tuition and fees for students with financial need. Recipient must be a promising student, regardless of academic standing, and must be a sophomore or above, in good standing. Recipient needs to be financially deserving and is not already receiving academic merit funding.
- LEORA DRINKWATER CLARK UNITRUST FUND is made in memory of Leora Drinkwater Clark, Class of 1993, an educator and long-time, loyal supporter of Heidelberg University and the Heidelberg Music Department.
- THE CLASS OF 1952 SCHOLARSHIP, created by a lead gift from classmate Ray Auker, benefits academically deserving students.
- THE CLASS OF 1954 ENDOWED SCHOLARSHIP benefits students who, due to socio-economic status, might not otherwise have the opportunity to attend Heidelberg. In doing so, the Class of 1954 hopes to lessen some of the barriers to opportunity that students face.
- THE CLASS OF 1957 SCHOLARSHIP was established to provide scholarship support to returning students that demonstrate evidence of participation in and service to religious, school and/or other youth organizations.
- THE CLASS OF 1959 SCHOLARSHIP FUND, established for the purpose of encouraging descendants of Heidelberg alumni to consider Heidelberg as their educational preference.
- CHARLES A. COCKAYNE MEMORIAL SCHOLARSHIP FUND is used to assist needy and deserving students.
- COLE FAMILY SCHOLARSHIP, created by the Charles and Patty Cole family of Republic, Ohio, is awarded annually to students majoring in business who are financially deserving.
- COORS VETERANS' MEMORIAL SCHOLARSHIP FUND, established nationally in 1985, provides financial assistance to sons and daughters of American veterans. Recipients must be at least a sophomore with a grade point average of 3.0 or better.
- THE LEONA NEWCOMB COULTER SCHOLARSHIP IN ENGLISH, established in 2000, is awarded to students majoring in English.
- LOWELL V. COULTER (1935) SCHOLARSHIP IN CHEMISTRY, established in 2009 by his son, Michael Coulter '64 and daughter, Andrea Hoffman, this scholarship benefits deserving students majoring in chemistry.
- HELEN O. AND RUTH N. CRAIG SCHOLARSHIP, assists students on the Heidelberg campus with one of three majors: English, History, or Drama Program. Recipients must be a junior or senior and have a 3.2 minimum grade point average. As well, financial aid can be used to finance tuition for study abroad in those three specific majors as a part of the Heidelberg Honors Program.
- THE DEITZ FAMILY SCHOLARSHIP, established in 2005 in honor and memory of Robin Deitz, Class of 1980, and her parents Benjamin and Norma Deitz, is to be awarded annually to a deserving student involved in music.
- FRANK AND MARGARET DeWOLF ENDOWED STUDENT SCHOLARSHIP to support students who meet the following: U.S. citizen; a sophomore, junior or senior; a science or education major; have a 3.0 grade point average and be in need of financial assistance.
- THE GENE DICKARD MEMORIAL SCHOLARSHIP FUND, established in 1995, awarded annually to one or more deserving students, with priority given to education or history majors.

- ALLAN B. DIEFENBACH–GERTRUDE E. FOUTZ SCHOLARSHIP FUND, established in 1987, is awarded to an upper class student with a Christian attitude and a 3.0 grade point average.
- THE ELEANOR W. AND ROBERT G. DILLER SCHOLARSHIP, established in 2002 by their daughters, the Diller Scholarship assists deserving student(s) who ultimately want to pursue a career in teaching. Recipient(s) must maintain a grade point average of 3.0 or better.
- THE MARGOT AND DAVID DRAKE FAMILY SCHOLARSHIP FOR HEALTH SCIENCES, established in 2014, is awarded on an annual basis. This scholarship is available to aid a student, with potential for success, ensuring future generations an opportunity for an education promoting health and wellness. Preference goes to a goal-oriented student leader with high character; one who is an active participant in extracurricular activities and community service. Recipient must be a sophomore, junior or senior, have a minimum 3.0 grade point average, and be a Health Sciences major committed to his/her field of study. Evidence of financial need is preferred.
- THE RALPH AND AMELIA DREHER/OPAL DREHER LIGHT AND GEORGE LIGHT SCHOLARSHIP, established in 1977, provides aid to deserving student(s) who have graduated from a public high school and who maintains a 3.0 at Heidelberg.
- THE DOROTHY SMYTHE DUESLER MEMORIAL SCHOLARSHIP IN EDUCATION, established in 2000, is awarded to a student majoring in education.
- THE DR. ALICE L. EBEL SCHOLARSHIP, established in 2001, is awarded to women students majoring in political science who desire a career in civic and public service and may be motivated to run for elected office.
- THE GERALD D. EDWARDS SCHOLARSHIP, established in 1998 in honor of Gerald D. Edwards, Class of 1972, assists a sophomore, junior or senior African American student.
- EIGHTH UNITED CHURCH OF CHRIST (CLEVELAND) SCHOLARSHIP FUND, established in 1977, provides aid to deserving students.
- THE GLENN D. EVERETT AND HELEN E. REYNOLDS EVERETT SCHOLARSHIP FUND, established in 1992 in recognition of Helen E. Reynolds Everett's long and devoted service to Heidelberg University, is awarded to academically qualified and deserving student(s) of financial need.
- FACULTY-STAFF SCHOLARSHIP FUND, established in 1958 as a part of the Development Program, assists deserving students.
- FAIRHAVEN HOME OF UPPER SANDUSKY, OHIO, established a scholarship to provide an annual award, preferably to a student interested in problems of the aged.
- FIFTY-YEAR CLASS SCHOLARSHIP FUND was established in 1968 by gifts from the Class of 1917 and the Class of 1918. It is awarded to deserving students.
- LESLIE H. AND THELMA M. FISHEL MUSIC SCHOLARSHIP FUND was established in 1982 to assist a music student with university expenses.
- THE DOROTHY AND FLOYD FITCH SCHOLARSHIP, established in 2002, shall be awarded to a full-time black american student of junior or senior rank who has demonstrated leadership and character.
- GEORGIA FLAD SCHOLARSHIP FUND, established in 1976 by St. John's United Church of Christ, Bolivar, Ohio, is used to support a deserving student from Tuscarawas or Stark counties, Ohio.
- PHILIP AND MARCIA FLECK SCHOLARSHIP, established in 1983, is awarded to a junior or senior from the Seneca County area that is majoring in one of the natural sciences.
- FOUSE SCHOLARSHIP is awarded to students preparing for ministry with the United Church of Christ.
- RALPH AND DOROTHY FOUTZ SCHOLARSHIP FUND is awarded to a male or female full-time student who has completed the first year, has a Christian attitude and has at least a 3.0 grade point average.
- THE FRANKLIN FUND, established in 1987 in memory of James Truman Franklin and Edna Darrel Whitlinger Franklin, is awarded to an upper class student with a Christian attitude and a 3.0 grade point average.
- WAYNE AND KATHRYN FUNK SCHOLARSHIP FUND assists deserving students.
- WENNER A. FUNK MEMORIAL FUND was established in 1982 to support deserving students on the basis of need.
- ELISABETH WEAVER FURBAY MEMORIAL SCHOLARSHIP, established in 2001, benefits students studying music and who have an interest in applying their knowledge "to encourage the perpetuation of the Gospel and the love of Jesus through music."
- PHILIP FURBAY MEMORIAL SCHOLARSHIP, established in 2001, to benefit a student of superior, ethical character majoring in business and involved in extracurricular activities.

- CURTIS F. AND MARCIA PROSTINAK GANTZ SCHOLARSHIP, established in 2014, is awarded to a junior in need of financial assistance, has demonstrated high academic achievements and provided community service to Heidelberg or the Tiffin communities.
- THE GAR FOUNDATION SCHOLARSHIP was established in 1985 to assist deserving and needy students.
- THE GENERAL SCHOLARSHIP FUND was established to assist deserving and needy students.
- JAMES STUART GILLIE SCHOLARSHIP FUND is awarded to young men and women of good Christian character in the following order of preference: 1. Persons who are active members of the St. John United Church of Christ, Fort Wayne, Indiana; 2. Persons who are active members of any congregation in Allen County, Indiana, which is affiliated with the United Church of Christ; 3. Persons who are active members of any congregation in the state of Indiana which is affiliated with the United Church of Christ; 4. Persons who are active members of any United Church of Christ congregation.
- THE ROBERT G. GIOIA SCHOLARSHIP FUND provides aid to full-time deserving students who exemplify the spirit of Robert G. Gioia by demonstrating loyalty, compassion, hard work and being a true friend.
- ADRIAN J. GOOD SCHOLARSHIP IN CHEMISTRY, established in 2003 through the estate of long-time Heidelberg supporter Adrian Good, Class of 1948, will benefit a student majoring in chemistry.
- JAY L. GOODIN SCHOLARSHIP FUND, established in 1976, is used to assist deserving students.
- THE NORMA M. FANT GOODWIN SCHOLARSHIP FUND, established in 1994, with the income awarded to academically qualified and deserving students of financial need majoring in voice, piano or organ.
- THE WILLIAM F. GOODWIN SCHOLARSHIP FUND, established in 1994 by contributions from Excelsior alumni and friends, with the income awarded to academically qualified and deserving students of financial need, who are members of a Greek social organization with preference granted to members of Excelsior.
- THE EMIL J. GUINThER SCHOLARSHIP, is awarded to full-time academically qualified and deserving students in financial need.
- THE ROBERT H. HACKNEY, DO BIOLOGICAL SCIENCE SCHOLARSHIP FUND will be awarded to a student majoring in biological sciences.
- JULIE ANN HAFER SCHOLARSHIP IN ENGLISH/COMMUNICATION, created in honor of Julie in 2009 by her parents, Harold and Elaine Hafer, this scholarship benefits a deserving female student majoring in English or Communication.
- SHARON M. AND DAVID P. HARKINS SCHOLARSHIP FUND, established in 2009, is awarded to descendants of Heidelberg alumni, who are full-time students and have a cumulative grade point average of at least 2.5. This scholarship is renewable.
- THE ORLETHA HARTSCHUH SCHOLARSHIP FUND, established in 2005 in memory of Orletha Hartschuh, Class of 1933, is to be awarded to a deserving and qualified student of financial need.
- HARTSHORNE SCHOLARSHIP assists senior students preparing for ministry with the United Church of Christ.
- THE HOWARD B. AND LUCY M. HAUCK SCHOLARSHIP FUND, established in 2004 through the estates of Howard B., Class of 1932, and Lucy M. Hauck. The scholarship shall be awarded to a resident of Seneca County, Ohio, either male or female, of the Christian faith, who exemplifies the tenets of that faith in his or her daily life.
- HEIDELBERG UNIVERSITY WOMEN'S CLUB OF GREATER CLEVELAND SCHOLARSHIP FUND, was established to support a deserving woman student who resides in the greater Cleveland area.
- DAVID L. HELMS MEMORIAL SCHOLARSHIP, established in 2006 from the estate of David Helms, is intended to recognize and reward outstanding scholarship, citizenship, leadership and sportsmanship—based upon past and current potential as well as potential for continued success and growth. It is to be awarded to a qualified, active member in good standing of the Nu Sigma Alpha Men's society for his senior year.
- THE DR. BEN M. AND ELIZABETH HERBSTER SCHOLARSHIP, established in 2002 through the estates of Elizabeth Beam Herbster and Ben M. Herbster, Class of 1926, lifelong supporters of Heidelberg University, to benefit a freshman student from the United Church of Christ.
- J. DAVID HERTZER AND ANNA-MARIA HERTZER SCHOLARSHIP, established in 2006 by J. David Hertzner, '61 and Anna-Maria Hertzner benefits students in business and/or political science. Recipient must have a 3.0 grade point average or better, be of good character, and be a deserving and qualified student in financial need.



- THE JOHN S. HERTZER AND ANNE KENNEDY HERTZER SCHOLARSHIP FUND, established in 1996, is awarded to academically qualified and deserving students.
- THE DR. JOHN R. AND JAN KAUFMAN HETER EDUCATION SCHOLARSHIP, established in 2016, is awarded primarily to students who plan to pursue a career in education. Recipient(s) must be a sophomore, junior or senior student from an underrepresented minority, must have a minimum 3.2 grade point average and demonstrate evidence of financial need.
- THE STANLEY '56 & DOROTHY HIRSCHFELD SCHOLARSHIP FUND, provides financial assistance to support students' tuition needs as they pursue a degree at Heidelberg University. Full-time enrolling students with demonstrated financial need are eligible to receive this scholarship. Students must file the Free Application for Student Aid and have a demonstrated financial need.
- DR. JOHN C. AND ELEANOR L. HOFFMEIER SCHOLARSHIP, in honor of Dr. George Barlow, Biology Professor, assists sophomore, junior or senior Biology majors with a minimum 3.2 grade point average and are in need of financial assistance.
- THE DONALD W. AND ANNA M. HOLLIBAUGH SCHOLARSHIP, established in 2000, is awarded to full-time deserving students who demonstrate financial need.
- HOPE CONGREGATION CHURCH SCHOLARSHIP is awarded to a male or female full-time student in financial need who is entering their junior or senior year pursuing a career in medicine or theology.
- THE EDNA H. HORN SCHOLARSHIP, established in 1999, is to be used for general purposes by deserving students as determined by the Director of Financial Aid.
- WILLIAM HORSTMEIER SCHOLARSHIP is awarded to deserving students.
- WILLARD C. AND JEAN KUENTZ HOSIC SCHOLARSHIP, established in 1996, provides assistance to full-time students entering their junior year majoring in the Education, Business or Music Departments. Maintaining a "B" average may qualify them for renewal in their senior year.
- NANCY SCOTT HOUGH SCHOLARSHIP was established in 1998 by Dorothy Davis Scott in memory of her daughter, Dorothy Scott Hough, Class of 1950, to support an academically worthy but financially needy student.
- THE CECILIA B. HUNTINGTON OREGON SCHOLARSHIP FUND, established in 2013, is to assist a first-year, sophomore, junior or senior student from either the state of Oregon or the state of Washington. Recipient must have a minimum 3.0 grade point average, be in need of financial assistance, and be able to renew the scholarship on an annual basis.
- THE ED ('68) AND PAM ('67) HYLAND SCHOLARSHIP, established by fellow classmates and friends in 2011 to honor Ed, and in memory of his deceased wife Pam, benefits, in alternating years, a female education major from the Dayton area and a male education major from Northeast Ohio.
- MELVIN AND GAIL PATTERSON JOACHIM SCHOLARSHIP, assists deserving students in Speech.
- JOSEPHSON SCHOLARSHIP is awarded to a minority student.
- MICHAEL G. KAEHR MUSIC SCHOLARSHIP, established in 2014, is to assist a student who has a passion for voice or vocal music.
- DR. AND MRS. PRASAD C. KAKARALA SCHOLARSHIP FUND, established in 2015, is awarded with preference to students from Seneca County, secondly to students from Wyandot, Sandusky and Hancock counties.
- HERBERT P. KEIFER SCHOLARSHIP FOR ACCOUNTING, established in 2018, provides scholarship support to students who are a business major with a concentration in accounting. Recipient(s) must be a sophomore, junior, or senior, must have a minimum 3.2 grade point average and be in need of financial assistance.
- KENNETH L. KELLER SCHOLARSHIP FUND, established in 1976, provides aid to needy and deserving students.
- DEAN FRANCIS W. KENNEDY SCHOLARSHIP FUND, established in 1975, provides financial assistance to students with need.
- THE LORENE E. KENNEDY SCHOLARSHIP FUND, established in 1989, is awarded to deserving sophomores, juniors or seniors majoring in history, political science or business administration.
- KERNAN MEMORIAL SCHOLARSHIP FUND, assists deserving students with the following priority:
1. Junior Home Kid (or blood or adopted relatives of a family descended from a Junior Home Kid), subject to verification of family affiliation;
  2. from the Tiffin area; or
  - a deserving student with a 3.0 grade point average.
- MADOLYN NICHOLS KEY SCHOLARSHIP, established in 2014, is awarded to a sophomore, junior or senior science major in need of financial assistance.

- DOROTHY ANN KIEWIT AND PAUL B. KIEWIT ENDOWMENT FOR INTERNATIONAL STUDY, assists students who desire to study abroad. Qualifying students shall be a junior or senior, have a minimum 3.0 grade point average, and show evidence of financial need. Recipient must be enrolled at Heidelberg the previous academic year as a full-time student. First priority goes to students who study abroad for one academic year.
- MABEL KINLEY MEMORIAL SCHOLARSHIP awards the income each year on a 60–40 basis to the two candidates for the degree of Bachelor of Music who earn the highest point averages in the junior year.
- WILLIAM F. KISSEL SCHOLARSHIP FUND is awarded to worthy and deserving students.
- A. A. KITTERER SCHOLARSHIP FUND assists needy and worthy pre-theological students of the United Church of Christ
- HERMAN A. KLAHR SCHOLARSHIP, established in 1989, is used to assist a worthy and deserving student.
- AUSTIN E. KNOWLTON MEMORIAL SCHOLARSHIP is awarded to a student majoring in mathematics from Ohio with preference given to freshmen.
- THE KATHRYN R. KOCHLI SCHOLARSHIP FUND provides aid to full-time students in financial need and who are entering their junior or senior year majoring in music education who will be teaching vocal music.
- LAURA L. KOHNE MEMORIAL SCHOLARSHIP FUND was established in 1987 to assist deserving students with the following priorities: 1. request by family; 2. member of St. Peter's United Church of Christ in Amherst, Ohio; 3. Amherst student; or 4. other needy students.
- THE JOHN I. KOLEHMAINEN SCHOLARSHIP IN POLITICAL SCIENCE, established in 1996, is awarded to incoming first-year students who display an interest in political science and maintain a 3.0 grade point average. The scholarship is renewable for three years.
- THE ROBERTA G. KRABILL MEMORIAL SCHOLARSHIP, established through her Last Will and Testament, will provide scholarships for juniors and seniors enrolled in and attending classes majoring in a foreign language and/or education.
- THE EARLE AND MILDRED KROPSCHOTT SCIENCE SCHOLARSHIP, established in 2010 through their trust, is to provide scholarship support to sophomore, junior or senior students majoring in the sciences.
- LUBEN AND KATHERINE KUTUCHIEF EUROPEAN STUDENT SCHOLARSHIP, created in 2009, benefits European students who wish to study at Heidelberg.
- LAKE ERIE REGIONAL WOMEN'S GUILD SCHOLARSHIP was established to assist deserving students.
- LGBTQI SCHOLARSHIP, was created by Mark and Eleanor Steiner in honor of their daughters, Julie Kate Steiner and Amy Anne Steiner. Recipients shall be a junior or senior, be in good academic standing, be in need of financial assistance, and are members of the LGBTQI community at Heidelberg.
- BETTY LICHTENWALTER MEMORIAL FUND aids a worthy student in the Department of Music.
- LINDSAY SCHOLARSHIP has been awarded in the past to a deserving student.
- RICHARD J. LOEW SCHOLARSHIP is awarded to students in need of financial assistance.
- THE REV. JOHN K. LONG MEMORIAL SCHOLARSHIP, created in 2002 through the generosity of family and friends, is dedicated to honor the memory of the Rev. John K. Long '59. This fund provides assistance to one or more full-time students. In order to qualify for renewal each year, recipient(s) shall maintain a "B" average at Heidelberg. First preference shall be given to a member of the United Church of Christ with a letter of support from their local church pastor.
- PERRY LONGAKER SCHOLARSHIP FUND assists deserving music students.
- WILLIAM L. AND VERNA M. LONSWAY SCHOLARSHIP FUND was established in 1985 for deserving full-time students who have earned at least a 3.0 grade point average following the first year. Recipient(s) are eligible for the award for each of their remaining three years in school provided a grade point average of 3.0 or above has been achieved.
- WILLIAM A. LOTZ AND LETTIE LOTZ SCHOLARSHIP was established to assist a student in education or education administration.
- DR. LEO AND BARBARA GNAGEY LOUGHEAD SCHOLARSHIP, established in 2016, is awarded to mathematics majors. Recipients must be a mathematics major, be a junior or senior, have a minimum 3.2 grade point average, and be selected based on merit. In the event that Heidelberg University no longer offers a mathematics major, the qualifying student shall be an accounting major.

- AUGUST H. LYVERS SCHOLARSHIP FUND, established in 1975, provides for eight scholarships, one for a major in music, one for a major in dramatics and the remaining six unrestricted.
- HELENA BAER MACHAMER SCHOLARSHIP FUND, established in 2004, this scholarship honors a Trustee Emerita and long-time friend of Heidelberg University and benefits students majoring in a health-related field. Mrs. Machamer first worked at Heidelberg University as the school nurse, later marrying the university's physician, Roswell Machamer, Class of 1937, and serving as a Trustee for many years. Selection shall be made by a premedical advisor on the basis of character, quality of leadership and high academic achievement.
- DR. R. F. MACHAMER MEMORIAL SCHOLARSHIP awards a sum each year on the basis of character, qualities of leadership and high scholarship to a pre-medical student at the close of his or her junior year. It is to be applied toward payment of tuition for the senior year at Heidelberg.
- THE FRANK F. '30 AND EMILY LEE '29 MALONEY SCHOLARSHIP was created in 1997 in memory of Frank and Emily Lee who devoted their lives to the welfare of children. Recipient(s) must be full-time students at Heidelberg University.
- BRUCE C. MARTIN MEMORIAL SCHOLARSHIP is awarded annually to one or more full-time, academically qualified, deserving students of financial need. Recipients shall maintain a "B" average at Heidelberg to qualify for renewal each year.
- THE W.W. MARTIN-ROTARY CLUB SCHOLARSHIP FUND assists a needy and worthy student of the Tiffin area.
- THE MASTIN SCHOLARSHIP, established in 1988, is awarded to academically qualified students in the fields of natural sciences, mathematics, physics, chemistry and related disciplines.
- THE JOHN WILLIARD MATZ SCHOLARSHIP FUND, established in 1989, is awarded to academically qualified and deserving students.
- FREDERICA MAYER SCHOLARSHIP FUND, established in 1975, is awarded to deserving students in the sophomore, junior and senior classes.
- MAYER SCHOLARSHIP was established to assist deserving students.
- McMILLAN SCHOLARSHIP is awarded preferably to upper class education students of high academic standing and in need of financial assistance.
- THE MEEKER-DEATS SCHOLARSHIP, established in 1997 in memory of Eugene and Mabel Meeker, Gertrude Meeker and Glenn and Anna Lee Meeker Deats, Class of 1939, to support a needy, pre-ministerial student from Seneca County in their senior year.
- DAVID C. MERTZ MEMORIAL SCHOLARSHIP IN HISTORY, established in 2014, is awarded to a sophomore, junior or senior history major. Recipient(s) will maintain a minimum 3.0 grade point average and demonstrate evidence of financial need.
- ADAM E. MILLER SCHOLARSHIP FUND is awarded for scholarship purposes to aid a Stark County (Ohio) student from the United Church of Christ, one who is a prospective teacher or minister.
- THE LEWIS N. MILLER SCHOLARSHIP FUND, established in 1994, is awarded to deserving and qualified students of financial need. This scholarship is given in memory of Lewis N. Miller of Elyria, a loyal friend of Heidelberg University.
- MARY LOUISE MILLER SCHOLARSHIP, created in 2009 through the estate of Mary Louise Miller, this scholarship benefits a deserving female student. The funds for this scholarship are endowed with the Putnam County Community Foundation.
- PAULINE B. MILLER CONSERVATION SCHOLARSHIP is awarded to a deserving junior or senior majoring in environmental science.
- CATHY GYDE MOORE '69 ENDOWED SCHOLARSHIP assists elementary education majors. Recipients must have plans to be an elementary education major, be a sophomore, junior or senior, have a 3.0 minimum grade point average, and be in need of financial assistance.
- BONNIE MOYER SCHOLARSHIP FUND, established in 1988, is awarded to a student majoring in business administration who holds the high ideals and sincere work ethics as lived by Bonnie Moyer.
- THE ANTHONY J. AND GISELE MURELLO ENDOWED SCHOLARSHIP IN CRIMINAL JUSTICE benefits a student who majors in criminology, or is from Lorain, Ohio, or is a member of the Philaethlean Society.
- EVELYN G. MYERS MUSIC SCHOLARSHIP FUND assists a student, or students, majoring in music.
- THE ALEX G. AND IRENE F. NAGY SCHOLARSHIP is awarded to a student actively involved in a foreign language and extra-curricular activities at Heidelberg University.

PHYLLIS TUTTLE O'BRIEN SCHOLARSHIP FUND assists deserving students.

THE FERRIS AND DOROTHY OHL SCHOLARSHIP FUND, established upon their retirement in 1985 after 39 years of teaching at Heidelberg University, provides scholarships for first-year music majors who are working toward their Bachelor of Music degree.

THE DONALD M. OLDFATHER ENDOWMENT FOR THEATRE (in memory of Donald Michael Oldfather), created by Enid Pancoast '44, supports Heidelberg Theatrical Production, purchase of production equipment, soft goods, and other theatrical supplies, and helps funding of faculty and student travel and fees to theatrical conferences, educational seminars, performance opportunities, etc. This also supports funding for the creation of promotional and recruitment materials (in consultation with the Director of the School of Music and Theatre and the Vice President for Enrollment Management).

OLESON-WOLFF SCHOLARSHIP, established in 2010 by former students, provides assistance to sophomores who are leaders, participate in forensics or are majoring in business or communication and theatre arts.

TERRY W. AND EDDA (IZZO) OWEN ENDOWED SCHOLARSHIP, established in 2012, is to assist a student majoring in psychology or education and who is a sophomore, junior or senior.

THE WILLIAM AND EMMA OWEN SCHOLARSHIP, established in 2006, is awarded to a student who is of good character, is in good academic standing and is in financial need.

EDWARD N. PAINTON SCHOLARSHIP FUND helps deserving young people while they are at Heidelberg.

THE PANCOAST FAMILY SCHOLARSHIP OF THE TIFFIN COMMUNITY FOUNDATION, created by Enid Pancoast '44 as a way to continue to touch the lives of Heidelberg students who were so near to the hearts of she and her husband Reg '36. Annual scholarships go to graduating seniors of Heidelberg University or students who have graduated within the previous five years who can demonstrate financial need. Recipients need to be or have been accepted to an accredited postsecondary institution in the United States and who will be pursuing a graduate degree in the natural sciences.

PARK-VAUGHAN MEMORIAL SCHOLARSHIP FUND, established in 1976, provides aid to those students preparing to work with emotionally handicapped children.

THE WILLIAM PEART FAMILY CHARITABLE FUND, established in 2006, is awarded to a non-traditional student in the sciences.

THE J. PATRICK PENROD EDUCATIONAL SCHOLARSHIP IN SECONDARY EDUCATION, established in 2016 by J. Patrick Penrod, Class of 1942, provides financial assistance to a junior or senior secondary education major. Recipient must have a 2.0 or 3.0 grade point average and be in need of financial assistance. This scholarship encourages students who desire to make a difference in young student lives, who have demonstrated a sincere drive to teach and genuinely care for those being served.

JOHN ABRAM PETERS SCHOLARSHIP, established by William Peters, Class of 1942, in honor of his grandfather, benefits deserving students majoring in business.

PFISTER SCHOLARSHIP FOR EDUCATION, established in 2012, is to assist an early childhood, elementary or secondary education major who is a sophomore, junior or senior. Recipient must have a 3.0 minimum grade point average and be in financial need.

DR. CHARLES M. AND MARY C. PRUGH SCHOLARSHIP FUND was established in 1985 by Dr. and Mrs. Prugh, founders and for eighteen years, directors of the Heidelberg Junior Year program at Heidelberg University, Germany. Preference is given to students in language or music.

RALL-KOEPKE JUNIOR YEAR ABROAD PROGRAM IN HEIDELBERG GERMANY ENDOWMENT, was created by Katja Rall-Koepke '72 for Heidelberg students participating in the Junior Year Abroad Program in Heidelberg, Germany. This fund assists highly motivated self-starters who are responsible students and covers some or all of the estimated additional total expenses of studying abroad as part of Heidelberg's Junior Year Abroad. Recipient(s) must be a junior, have a minimum 3.0 grade point average, and be of financial need.

READERS DIGEST FOUNDATION SCHOLARSHIP FUND helps deserving students.

JIM AND SHAY HARTER REESE SCHOLARSHIP IN MEMORY OF RACHAEL ANN REESE, established in 2014, is to assist a sophomore, junior or senior who is in need of financial assistance.

THE PHILIP AND GLADYS RENDOFF MEMORIAL SCHOLARSHIP FUND, established in 1990, is to assist students majoring in elementary education and in need of financial assistance.

RHODES-KING SCHOLARSHIP FUND assists deserving music students of piano, voice and violin.

RICKARD SCHOLARSHIP was established to assist deserving students in the sophomore, junior or senior classes.

- THE ROBERT E. AND MILDRED McARTOR ROSS SCHOLARSHIP, established in 2005, is to assist needy students engaged in the preparation and study for the ministry of the United Church of Christ.
- THE EDWARD AND ALLENE RUBIN SCHOLARSHIP FUND for the Performing Arts, established in 1970, provides scholarships for students majoring in the arts.
- RUSSELL-MINOR SCHOLARSHIP FUND, created in 2014 by Bill and Mary Lee Russell Minor '64 to support students majoring in elementary education Recipient(s) must be an elementary education major, be a sophomore, junior or senior, have a 2.5 minimum grade point average, and be in need of financial assistance.
- GERTRUDE SCHULZ SANDERS AND THOMAS HENRY-SANDERS MEMORIAL SCHOLARSHIP, established in 1976, is awarded annually to a junior or senior who is financing his or her own education and whose life and spirit show a similar dedication.
- THE CLIFFORD F. AND MARY BEMENDERFER SAURWEIN SCHOLARSHIPS were established in 1998 in honor of Clifford F., '27, and Mary Bemenderfer, '30, Saurwein to provide financial assistance to needy seniors, to assist natural science majors and to assist students from specific foreign countries who wish to attend Heidelberg University.
- SUZANNE HEFFLEY SCHIAVONI EDUCATION SCHOLARSHIP, established in 2016, is awarded to a sophomore, junior or senior education major with a concentration in middle childhood education. Recipient must have a minimum 3.25 grade point average and be in need of financial assistance.
- MR. AND MRS. ARTHUR J. SCHMIDT SCHOLARSHIP FUND uses the income to help a student who shows merit or promise, with preference to be given to students from St. Peter's United Church of Christ, Amherst, Ohio.
- GERALD T. SCHWARZ AND EARL BOPP SCHOLARSHIP provides aid for a promising premedical student or biology/science teacher.
- LESTER M. SEARS SCHOLARSHIP FUND was established to aid deserving students.
- MARGARET RAE SEILER SCHOLARSHIP FUND, established in 1970, provides scholarships to students majoring in music.
- B.A. SEITZ MEMORIAL SCHOLARSHIP provides each year for a scholarship to be applied toward payment of tuition the following year at Heidelberg for upper class students from Tiffin who demonstrate financial need.
- THE SHELLHOUSE FAMILY SCHOLARSHIP, established in 2016, in memory of Martha Ward Shellhouse, Class of 1938, and Gilbert L. Shellhouse, Class of 1947, is awarded to a junior or senior science major with a biology preference. Recipient(s) must have a minimum 3.2 grade point average, be involved in co-curricular activities, and in need of financial aid assistance.
- THE C. PAUL SHERCK (1931) AND JOHN E. SHERCK (1898) SCHOLARSHIP FUND, established in 1995, is awarded to a financially deserving full-time sophomore, junior or senior student planning a career in teaching, but not necessarily an education major. The recipient must have and maintain a grade point average of at least 3.0 and be of fine character with traits of compassion, honesty, dedication and discipline.
- THE DR. HOWARD K. SHUMAKER SCHOLARSHIP FUND, established in 1990, provides aid to full-time students from Bellevue, Ohio or the United States if no students are qualified from the Bellevue, Ohio geographic area.
- THE KENNETH J. SKIBA '85 MEMORIAL SCHOLARSHIP FUND, established in 2016, is awarded to a student with preference given to students from the Cleveland and northeast Ohio area as well as those with financial need. Recipient must have a minimum 2.5 grade point average and show strong commitment to community service.
- THE GLADYS E. SMITH EDUCATIONAL SCHOLARSHIP, created in honor of Gladys E. Smith, by Ronald and Katherine Smith, benefits a student majoring in education.
- RUTH NICHOLS SOLLARS MUSIC SCHOLARSHIP, established in 2014, is for a music performance or music education major. Preference is given to a stringed instrument performer.
- SOUND OF MUSIC SCHOLARSHIP, established in 2010, is to provide financial support for those who are studying music—piano, voice and/or instrumental.
- STACY MEMORIAL SCHOLARSHIP, assists worthy and deserving students.
- FRANK K. AND MARGARET STARBIRD SCHOLARSHIP, established in 1991, is awarded to one or more students with high music potential from the areas of vocal music, piano or organ.
- THE WAYNE E. STEERMAN SCHOLARSHIP IN SCIENCE, created in 2003 by Margaret Hanson Reed '32, benefits a worthy and deserving student majoring in science.

- THE JEFFREY N. STINEHELPER '67 AND ELLYNNE I. DOENECKE '65 SCHOLARSHIP, established in 2017 in honor of Rev. James D. and Madlynne J. Stinehelfer is awarded on an annual basis and provides scholarship to a deserving student who is a religion and/or philosophy major. Recipient must be a junior or senior with a minimum 3.2 grade point average, must be in need of financial assistance, and be able to renew the scholarship on an annual basis.
- THE FRANK A. & BARBARA M. STONE ENDOWMENT FOR INTERNATIONAL STUDY, created in 2011 to assist promising and deserving students from SEV Schools in Turkey or teachers at these schools.
- RUSSELL AND MYRNA STRAUSSER MEMORIAL SCHOLARSHIP, established in 1990, is awarded to a full-time student of Heidelberg University.
- THE FRED STUCKEY SCHOLARSHIP IN EDUCATION, was created in 2001 by the daughters of Fred Stuckey, Class of 1925, to honor his commitment to and love for Heidelberg University. It benefits a full-time student in education.
- THE WALTER E. SUTTON SCHOLARSHIP FUND, established in 2004 in honor of Walter E. Sutton, Class of 1937, is awarded to a deserving student or students whose major field of academic study is English, with preference to be given to those pursuing the study of literature.
- THE DAVID AND LYNN FOSTER SYLER MATH & MUSIC SCHOLARSHIP, established in 2016, is awarded to a sophomore, junior or senior. Recipient must have a minimum 3.0 grade point average and be in need of financial assistance. Math requirement: recipient must be a math or math education major; Music requirement: recipient must be a music or music education major.
- TEVIS FAMILY SCHOLARSHIP IN EDUCATION, established in 2015, is awarded to a full-time sophomore, junior or senior education major with a 3.0 cumulative grade point average and can be renewable.
- TIFFIN WOMAN'S CLUB SCHOLARSHIP, established in 2006, is awarded to a deserving student who is a resident of Seneca County, completing their junior year and must be of good character. Recipient must retain a 3.0 or better grade point average and be in financial need.
- THE TIMKEN FOUNDATION OF CANTON SCHOLARSHIP, established in 1980, provides aid based on need, with priority given to Timken Company employees, and most especially those who reside in Crawford County, Ohio, and their children.
- JOHN W. TOWNSEND SCHOLARSHIP FUND was established to assist a young person with financial need who shows evidence of achieving great breadth of interest and depth of human warmth. Recipient must be at least a junior.
- ELIZABETH EBEL AND ROGER W. TRACY ENDOWMENT FOR INTERNATIONAL STUDY ABROAD, established in 2012 by Roger Tracy and Elizabeth Ebel Tracy, Class of 1963, this fund assists a junior or senior who must have a 3.25 minimum grade point average and show evidence of financial need for supplemental expenses.
- THE LOUIS S. AND M. CONSTANCE TREEN SCHOLARSHIP IN SCIENCE, established in 1998 by Dr. Meridith Treen, Class of 1981, in honor of her parents, is awarded to a deserving junior or senior majoring in natural science, with preference given to a pre-med student.
- UNITED CHURCH OF CHRIST 17/76 SCHOLARSHIP FUND, established in 1976, provides assistance to minority students with financial need at Heidelberg University.
- THE UNITED CHURCH OF CHRIST SCHOLARSHIP FUND provides financial aid for students to attend Heidelberg University, with preference given to members of the United Church of Christ.
- HELEN L. WAGNER SCHOLARSHIP was created in 2002 by the estate of Helen L. Wagner and will benefit deserving students.
- HOWARD B. WEAVER SCHOLARSHIP FUND helps students of high academic standing from Stark County, Ohio.
- THE SARAH E. WELSH EDUCATIONAL SCHOLARSHIP FUND, established in 1999, assists students in the following order: 1. Students who graduate from Springboro High School and are members of the Springboro United Church of Christ in Miamisburg, OH; 2. Students who are members of Springboro UCC and who graduate from a high school other than Springboro; or 3. Students who graduate from Springboro HS and are not members of the Springboro UCC. This award is to be renewed for four years as long as the student is in good academic and social standing.
- ROY L. WHISTLER CHEMISTRY SCHOLARSHIP honors Dr. Roy Whistler, Class of 1934, professor emeritus at Purdue and often referred to as the "father of carbohydrates," benefits a sophomore or higher majoring in chemistry.
- THE VIRGINIA '32 AND SHERMAN WHITE SCHOLARSHIP, established in 2005, is awarded to a deserving and academically qualified student in financial need.



WILHELM FAMILY ENDOWMENT FUND, created by Alfred A. Wilhelm, Class of 1941, Heidelberg Emeritus Trustee, provides financial assistance to full-time students who are industrious with intellectual capacity indicating capability of success.

THE JAMES R. AND LEANNE O. WOLFF SCHOLARSHIP, established in 2005, is awarded to a deserving female student or students studying science or the humanities, with preference given to those majoring in communication or biology.

THE WOMEN'S GUILD SCHOLARSHIP FUND helps a worthy student, or students, in the sophomore year of college or beyond, preparing for a church-related vocation.

WORLD WAR II MEMORIAL SCHOLARSHIP FUND, established on Memorial Day, 2004 by Verne, Class of 1942, and Evelyn, Class of 1943, Atwater, this scholarship honors and remembers those Heidelbergers who sacrificed their lives and promises for the future to protect their loved ones and the "American Dream." The scholarship is awarded to a deserving student majoring in education, business, political science, music or science.

THE WILLIAM G. AND JULIA M. YACKEY ENDOWED SCHOLARSHIP, established in honor of William G. Yackey '50 and Julia M. Yackey '51, assists students in need. Recipient(s) must be from Ohio, have a minimum 3.0 grade point average and show evidence of financial need based on the sole judgement of Heidelberg University.

THE ELMER M. ZAUGG SCHOLARSHIP, created in 1997 by Mildred Z. Chamberlin, Class of 1933, and Harold M. Zaugg, in honor of their father, a former faculty member and alumnus of Heidelberg University, to assist needy students.

ZECHIEL MEMORIAL SCHOLARSHIP FUND was established by the children and grandchildren of Otto J. and Hazel C. Zechiel. The scholarship is awarded to junior or senior students who are preparing for full-time Christian Ministry or to junior or senior students who are members of the United Church of Christ.

# Endowed Prizes and Endowed Funds

Endowed Prizes and Endowed Funds are also gifts permanently invested in the University's endowment. Prizes are created to provide cash awards to students and Endowed Funds are created to support a faculty, staff or a specific purpose, i.e. choir travel. Financial Aid awards prizes based on selection criteria determined by the donor. Endowed Funds are also awarded through criteria created by the donor. Endowed Prizes and Endowed Funds require a minimum of \$10,000. These gifts are deeply appreciated by the University.

*The J. Robert Allman Award in Theatre Arts*, established in 1997 by the Department of Communication and Theatre Arts (and now coordinated by the School of Music and Theatre), recognizes a graduating student who, out of participation in at least six Heidelberg Theatre productions, is considered to exceed all other acting participants in performance and leadership onstage.

*The Drs. Robert C. '57 and Ingrid Roomet '58 Bahler International Studies Scholarship Endowment*, established in 2014, provides international studies and travel scholarship support. Recipient(s) must be of sophomore, junior or senior class standing and have a minimum 3.5 grade point average. Evidence of financial need is preferred. Students must have a desire to achieve a higher level of language proficiency during a summer semester or academic year abroad. Preference will be given to students desiring to study in a non-English speaking country.

*Archives Endowment Fund*, created by the Class of 1960 on the occasion of the 50th reunion, provides of the preservation and development of the University Archives and its program.

*The Arthur E. and Helen M. Bean Music Award*, established in 1998 in honor of Arthur and Helen Bean. It is given to a junior music major pursuing a Bachelor of Music, Bachelor of Arts or Bachelor of Science degree. Nominations are made by instrumental faculty at the end of the sophomore year juries and the recipient is elected by the instrumental faculty after the nominee has performed a junior recital.

*The Berger Family Endowment Fund for Geology and Environmental Science*, established in 2015, allows for multiple purposes, including support for interaction with geologists and environmental scientists from the academic and non-academic realm or outside of Heidelberg course offerings.

*The Janice Beyerle '74 Scientific Research Endowment Fund*, established in 2015, honors former student, Janice Beyerle '74. Funds may be used to promote the professional growth of students by stimulating opportunities for scientific research. Potential uses include student research expenses, student travel to scientific meetings, scientific equipment, etc.

*Dr. John Bing Political Science Enhancement Fund*, established in 2010 in honor of Professor John H. Bing, is to support the political science program at Heidelberg University.

*F. J. Brand Prize in Physics*, annual cash award to the junior or senior who has taken at least 14 semester hours in physics and who, in the judgment of the head of the department, has made the greatest progress in laboratory or classroom work during the year.

*Burghalter Memorial Award*, annual cash award to any student in the three upper classes who voluntarily during the year, by a single continuing unselfish act, has best exemplified the spirit of the Good Samaritan.

*Lance Corporal J. Paul Chidester Prize*, established in 2004 by members of the Excelsior Men's Society and friends of Jackie, assists students who either graduated from Licking Valley High School (or reside from Licking County), active or honorably inactive with the military, or preference to a Junior in Excelsior are eligible for this prize.

*Distinguished Service Award in American Studies*, a four year award in recognition of outstanding service to the University or community by a student majoring in American studies.

*Distinguished Student Award in American Studies*, a cash award presented to the graduating senior who has achieved the highest academic standard during four years at Heidelberg while a major in the department.

*The Helmut Fischer Prize in German-American Studies*, awarded to a student selected by the Language Department who in the past year excelled in German studies or in fostering German-American understanding.

*Paul A. Flynn Memorial*, awarded to a pre-law student.

*Alexander and Christina Garver Memorial Prize*, annual cash award to the two first-year students who rank highest in a competition in English composition each May.

*Dr. Andrew J. '81 and Anne Hering Gase Medical School Award*, established in 2015, aids a deserving senior, in good standing within any major, who has been accepted by and is attending an accredited medical school recognized by the Council of Education of the American Medical Association or by the American Osteopathic Association.

*William Henry Gibson Prize Fund*, provides an annual cash award to a graduating senior who, in the judgment of the keyboard faculty, has excelled in the performance of a full senior piano or organ recital.

*William Henry and Harriet Jane Gibson Awards* provide one or two \$500 awards to full-time first-year or transfer student(s), who are non-music majors participating in the Concert Choir during their first year on campus.

*The Dr. John W. Groce Prize in Chemistry*, supports a sophomore or junior student majoring in Chemistry or Biochemistry.

*Ernest and Martha Hammel Student Research Fund*, established for the purpose of stimulating advancing an atmosphere of inquiry at Heidelberg University. The Fund is intended to provide Heidelberg students with seed money grants to conduct research in science and the arts and to contribute to the advancement of knowledge. In designing, conducting, and presenting these studies the students are expected to learn and apply the methods of systematic inquiry and to use this knowledge and experience to enhance future endeavors.

*Ernest and Martha Hammel Best Paper Award – Prize: 1st, 2nd & 3rd Place*, established for the purpose of providing research awards for outstanding papers presented by Heidelberg students at the Heidelberg University Annual Student Research Conference. These awards are intended to complement the Research Conference, to stimulate student interest in research in science and the arts, and to recognize excellence in the papers presented by the students.

*Michael Hayhow Prize*, an award to a first-year student who, showing intent to return to Heidelberg University for further education, exemplifies the qualities of leadership, grade point average and service to the community.

*R. W. Herbster Prize*, an annual cash award given to the highest ranking varsity speaker on Heidelberg's Forensics/Speech team. The ranking will be based on competition in intercollegiate forensics tournaments throughout a given academic year. This prize will be distributed in the Spring semester.

*The Alfred T. Hobson Award*, a cash award made annually to the junior or senior majoring in English, Communication, Media, or Theatre whose qualities of character and personality best reflect those of Alfred (Al) Hobson.

*Paul H. Hoernemann Award*, based upon a gift from the Rev. Dr. and Mrs. T. W. Hoernemann, parents of Paul H. Hoernemann. This plaque is awarded annually to the graduating student (female and male) who most nearly exemplifies the characteristics of mind, body and spirit to which Paul Hoernemann (Class of 1938) dedicated his own life: high ethical character, scholarship, proficiency in athletics and conspicuous loyalty to the spirit of Heidelberg University.

*The Paul H. Hoernemann Memorial Prize Fund*, an annual award divided equally between the two sophomores who have shown the most improvement in football and voice, as determined by the professors and department heads in these areas. The award is to be applied to student's fees during the first semester succeeding the year in which it is awarded, irrespective of any other aid or scholarships.

*H. Dana Hopkins Award*, annual cash prize to the outstanding senior student majoring in Communication, Media, or Theatre. Selection will be based on scholarship and participation in communication, media, or theatre departmental activities, as judged by the Communication and Media, and Theatre faculty.

*Jane Frost Kalnow Memorial Fund: German Language and Literature*, an annual cash award for one or more scholastically outstanding German majors.

*Jane Frost Kalnow Memorial Fund: Career in Accounting*, an annual cash award to the outstanding junior with a career goal in accounting selected by the faculty of Business Administration, Accounting and Economics.

*Jane Frost Kalnow Memorial Fund: Career in Industry*, an annual cash award to the outstanding junior with a career goal in industry, selected by the faculty of Business Administration, Accounting and Economics.

*Jane Frost Kalnow Memorial Scholarship*, an award given annually to a deserving student based on scholarship and character.

*Kefauver Memorial Prize*, annual cash award to the member of the junior class who has received the highest grades throughout the year.

*Thomas F. Keller Prize*, annual cash award to the three members of the graduating class who have received the highest grades throughout their four years at Heidelberg.

*The Frank Kramer Prize*, a cash award presented to a junior or senior who has taken at least 12 hours in classes with a grade point average of at least 3.5.

*The John Allen Krout Award*, established in honor of the alumnus and former dean of Heidelberg University, is a plaque presented to a junior for scholarship and participation in two varsity athletic sports.

*The John Allen Krout Prize in American History*, an annual cash award to the graduating senior who, in the judgment of the Department of History, has demonstrated outstanding ability in American history.

*Edward Lamb Foundation Award*, a plaque awarded to the senior majoring in the field of business administration and economics that has the highest cumulative grade point average.

*Charles M. LeGalley Prize in Speech*, annual cash award to a junior who is judged by the Department of Communication and Media to be the “best performer” in that year in the activities of the department.

*The Liston Prize*, established in 2011, is awarded annually with priority first given to qualified candidates pursuing studies emphasizing water quality, then to students preparing for other environmentally oriented careers. Preference—water resources track. Contingent on the student returning to complete graduation or pursuing graduate studies in the aforementioned field.

*A. G. McQuate Award in Field Biology*, annual cash award to the upper class student who, in the judgment of the biology faculty, has demonstrated ability, interest and promise in the areas of conservation and field studies. Participation in formal field studies programs will be encouraged in the granting of this award.

*Dr. and Mrs. Burton R. Miller Prize in English*, annual cash award to the senior majoring in English who has received the highest grades in English during his or her junior and senior years.

*Wellington and Anna Miller Memorial Prize*, annual cash award divided between the two seniors receiving the highest grades throughout the year.

*The Montague Prize*, established in 1995 in memory of Henry S. Montague, a former faculty member of Heidelberg University, is awarded to the most outstanding sophomore and junior keyboard major; applicable only for payment of University fees.

*Dr. Rose Moore Education Award*, established in 2000, based on scholarship, character, personality and prospects as a teacher. This is a cash award to be presented to a student preparing for a career in elementary education.

*The Ferris and Dorothy Ohl Prize*, a cash award presented for excellence in musical performance to a student music major working toward a Bachelor of Music degree who has best displayed musical talent, performing ability and the potential for professional success. The student will be selected in the second semester of the senior year by the entire music faculty. The prize is to be awarded during Honors Convocation.

*Alan S. Okun Prize in Communication and Media*, established in 2001 by Alan S. Okun’s ’72 family, will benefit a student pursuing an interest in electronic communication.

*The Arnold “Skip” Oliver Award*, established by the Political Science Department in 2005, is awarded to the outstanding student or students in the senior class.

*Lenore Osterholm Prize in Spanish*, annual cash award to the two students who have achieved the highest grades in Spanish above the 200 level.

*Harry Emil Pheiffer Living Memorial Award*, annual cash award to a junior preparing for ministry in the United Church of Christ on the basis of scholarship, Christian character and Christian leadership qualities.

*Pretzer Memorial Prize in Religion*, annual cash award to the two students, either sophomores or first-year students, who, in the judgment of the head of the Department of Religion, write the best term papers for the beginning courses in the department (201 or 250) on the outlook of the Christian faith upon some practical everyday problem.

*Prugh Prize in Athletics*, annual cash award to the graduating student who is judged to have excelled all others in leadership and performance in several branches of intercollegiate athletics, one of

which has been basketball, during his or her career at Heidelberg University. Selection is made by a committee composed of the head of the faculty Committee on Athletics, the Director of Athletics and the Vice President for Student Affairs.

*PSI CHI Outstanding Senior Award*, a plaque presented to the graduating senior, majoring in psychology, who has demonstrated outstanding work in academics. Nominations are made by the Heidelberg chapter of Psi Chi (the National Honor Society in Psychology) and final selection is made by the Department of Psychology.

*William A. Reiter Memorial Prize*, annual cash award given to the highest ranking novice (first year) speaker on Heidelberg's Forensics/Speech team. The ranking will be based on competition in intercollegiate forensics tournaments throughout a given academic year. This prize will be distributed in the Spring semester.

*The Martin A. Reno Prizes in Computing* are given in memory of Dr. Martin Reno who, during his forty years at Heidelberg, served as Chairman of the Physics and Computer Science Departments and Associate Vice-President for Information Resources. *The Emerging Scholar Prize* is given to a sophomore student pursuing a major or a minor offered by the Department of Computer Science who, in the judgment of the departmental faculty, demonstrates strong personal character and outstanding ability in the field. *The Senior Scholar Prize* is given to a senior completing a major offered by the Department of Computer Science who has maintained a 3.5 grade point average and who, in the judgment of the departmental faculty, exhibits a strong work ethic and the qualities of character, leadership and integrity. Preference will be given to a student who plans to continue his or her education in the field.

*Herman E. Sayger Award*, presented to the senior male and female athlete considered to be an All-American young person and most likely to succeed.

*Senior Laureate Prize*, an award given annually to a worthy student based on scholarship and character.

*The Sayre Family Outstanding Senior in International Studies Award*, established in 2014, this award will be given to the Senior International Studies major or minor deemed by the International Studies Committee faculty to have most excelled academically, while studying abroad, in language proficiency, in co-curricular activities, and in other ways germane to International Studies.

*John C. Shinn Memorial*, an annual award given to a young man or woman who is majoring in history, political science or economics.

*E. J. Shives Prize in Chemistry*, annual cash award to a senior who has majored in chemistry and who meets the following conditions: 1. has maintained a grade point average of B (3.0) in all courses taken for a degree after seven semesters at the University; 2. has maintained a grade point average of 3.5 in all courses elected for the major; and 3. has been judged by the staff of the Department of Chemistry as worthy of this honor.

*R.C. & J.D. Spring Scholarship*, an award to a needy and worthy Heidelberg University graduate who has been accepted by a theological seminary to prepare for service as a minister in the United Church of Christ. Preference is given to students from Montgomery County, Ohio.

*Martin Walker Smith Prize in History*, annual cash awards to two senior students. One award goes to the senior major with the highest cumulative point average at the end of the first semester of the senior year. The second award goes to a senior major for a research paper on some problem in history.

*Daniel J. and W. J. K. Snyder Prize*, two cash prizes and keys awarded to the students who, at graduation, are judged by the faculty to have excelled during their four years at the university in leadership based upon character and scholarship.

*Joseph and Brenda Stearns Endowed Chemistry Conference Program Award*, established in 2015, is awarded on an annual basis to provide financial support for student travel to, attendance of, and the opportunity to present at national or regional chemistry conferences. Recipients will be selected according to the following criteria: participation at the conference, including oral or poster presentations; progression toward the completion of the chemistry or biochemistry major, and progression toward the completion of the chemistry minor.

*William F. Steele Prize in Mathematics*, annual cash award to the graduating mathematics major who, in the judgment of the mathematics faculty, best demonstrates outstanding interest, ability and potential for further study in mathematics.

*George A. Stinchcomb Prize in Natural Science or Mathematics*, annual cash award to a student of sophomore standing during the year who excels in natural science or mathematics. The recipient is chosen by the Vice President for Academic Affairs from students recommended by the heads of the natural science and mathematics departments. The sophomore must have completed four semester courses in natural science and two semester courses in mathematics.

*Stoner Memorial Prize*, annual award to the two sophomores in Arts who receive the highest grades during the first-year and sophomore years; available only for the payment of university fees.

*Tau Mu Sigma Prize*, a cash award given each year by the organization to the sophomore in the Department of Music who has maintained the highest scholastic average for the year.

*Daniel E. Thoren Endowment for International Study Abroad*, established in 2016, is awarded to a junior or senior with a minimum 3.0 grade point average who shows evidence of financial need for supplemental expenses. The candidate should be a responsible student of record and enrolled at Heidelberg the previous academic year as a full-time student (both semesters). Students who study abroad for one academic year shall receive first priority for funding.

*Triad Club Award*, a credit letter given each year to the junior in the Department of Music who has the highest music cumulative average during the year.

*The Wickham Prize in Business*, a cash award given annually to the senior who, in the judgment of the Business faculty, has been the most active and effective in organizations and activities within the business department. The prize is given in honor of Professor Emeritus William T. Wickham '51 who served as chairperson of the Business, Accounting and Economics Department from 1977-1999.

*Dr. E.I.F. Williams Memorial Prizes in Education*, annual cash awards to two men and two women in student teaching who are judged by the Department of Education to rank highest. Two of the prizes are for students preparing to teach in elementary schools, the other two for students preparing to teach in junior or senior high schools.

*Ira and Robert Wilson Memorial Prize*, given each year to a senior majoring in Biology, who has been accepted for graduate study in a biological science or in medicine or dentistry and who shows promise of outstanding achievement.

*The Leanne O. Wolff Award in Communication and Media*, established in 1996, is awarded to a junior majoring in Communication and Media with the highest grade point average after five semesters and 70-80 semester hours at Heidelberg.

*The Carl D. Yost Endowment Fund for Study Abroad*, established in 2010, assists junior or senior students who meet the fund criteria and who have extra expenses associated with studying abroad.

*Allan King Zartman Prize in Biology*, awarded to the sophomore or junior in biology who has excelled in the quality of his or her work. The award, made by the head of the Department of Biology, is available only for University fees during the succeeding year.

*Elizabeth Conrad Zartman Prize in Philosophy*, annual award to the sophomore or junior in philosophy who has excelled in his or her work. The award, made by the head of the Department of Philosophy, is applicable only for university fees during the succeeding year.



# Annual Scholarships



Annual Scholarships are gifts made annually to support students financially. The entire gift is directed to a student or students based on the selection criteria of the donor. Currently, the minimum gift for an Annual Scholarship is \$1,250. The University is grateful for these annual gifts.

ROY AND LENORA BOWMAN ANNUAL SCHOLARSHIP, established in 2004, is to be awarded to a deserving student who intends to work with students of special need.

CROGHAN COLONIAL BANK SCHOLARSHIP, an annual scholarship, established in 2012, which provides financial assistance to incoming freshmen in the Business Department with an interest in a professional career in the financial service industry.

THE PAUL A. '67 AND MARTHA R. FELLER FAMILY MEMORIAL SCHOLARSHIP IN PHYSICS, MATHEMATICS OR OTHER NATURAL SCIENCES, established in 2015, provides financial assistance to the most deserving student enrolled in physics, mathematics and/or other of the natural sciences, with special consideration given to physics students desiring to pursue a career in Medical Physics, Health Physics or Biomedical Engineering. Recipient must be a sophomore, junior or senior and be a science major, have a minimum 3.2 grade point average, be in need of financial assistance, and be able to renew the scholarship on an annual basis.

THE GEORGE E. CRANCH MEMORIAL FUND OF THE TIFFIN COMMUNITY FOUNDATION, established in 2001, is to be awarded each year on Science Scholarship Day to one or more participants in the Annual Science Day at Heidelberg. Recipient(s) shall be students who have been judged to have prepared outstanding projects in the Natural Sciences (Biology, Chemistry, Physics and Mathematics).

THE TED AND JANE HIERONYMUS MIAMISBURG ANNUAL SCHOLARSHIP, created in 2010, provides financial assistance to deserving and qualified students from Miamisburg High School who wish to attend Heidelberg.

THE TED AND JANE HIERONYMUS MENTOR SCHOLARSHIP IN MUSIC, created in 2012, provides financial assistance to deserving and qualified students from Mentor High School who wish to attend Heidelberg and major in music education or music performance.

HOME SAVINGS AND LOAN COMPANY SCHOLARSHIP, established in 2002, is to provide aid to a junior or senior business related major with a minimum 3.0 grade point average.

STEPHEN '64 AND KATHLEEN KELBLEY SCHOLARSHIP, established in 2006, is to benefit a deserving student from Seneca County.

THE CHRISTI THOMAS MEMORIAL SCHOLARSHIP, established in 2007 and awarded to a junior majoring in education, is given in memory of Christi Thomas, Heidelberg education program's Lemonade Girl!

THAYER FAMILY SCHOLARSHIP, established in 2019, assists education majors. Recipient(s) must be a sophomore, junior or senior and have a 3.0 minimum grade point average (Honors student is preferred). Recipient(s) must also be education majors with a concentration in middle childhood or adolescent to young adult (with a math focus preferred) OR a Math major with a middle childhood or adolescent to young adult focus.

WEBSTER FOUNDATION ANNUAL SCHOLARSHIP, established in 2014, is awarded to incoming freshman business students.

# Admission



Heidelberg University seeks to admit candidates who will benefit from the educational offerings of the University and who will contribute to the shared life of the campus community. All interested students are encouraged to apply for admission. Admission is granted after careful review of the candidate's academic promise, social character, and potential for success at Heidelberg University. An Admission decision will not discriminate on the basis of race, color, sex, gender, gender identity, sexual orientation, religion, national origin, age, or disability.

## ► APPLICATION

The application for admission is accessible online on the Admissions webpage or through the Common Application. Candidates for admission may apply through either a non-binding Early Action or the Regular Admission process. Early Action applicants who complete their application and submit all supporting materials by December 1 will have their admission status mailed from the Office of Admission by December 15. Applications that are completed with all supporting materials received after December 1 will have their admission status mailed approximately two weeks following the submission.

## ► ADMISSION STANDARDS

A college preparatory program in high school is generally required. Candidates are strongly encouraged to distribute their high school work over as many of the academic areas as possible. As a minimum preparation, Heidelberg strongly encourages applicants to have 4 units of English, 3 units of social studies, 3 units of mathematics (Algebra I, Algebra II and geometry) and 3 units of natural sciences (earth or physical science, biology and chemistry). Two or more units of another language are highly recommended. Applicants who are interested in science- and mathematics-related majors are urged to consider additional coursework in related fields of study. Applicants must complete the following:

1. Complete the Heidelberg University Application for Admission.
2. Submit an official high school transcript or equivalent, such as a GED.
3. Submit official college transcripts, if any college-level coursework has been taken.
4. Submit results of the Scholastic Aptitude Test (SAT) or the American College Test (ACT).
5. Submit an official final transcript indicating date of high school graduation.
6. Complete an Admission Essay, if requested.
7. Submit a Guidance Counselor Evaluation, if requested.
8. An on-campus interview with a member of the Admission staff is encouraged.

## SCHOOL OF MUSIC AND THEATRE

Additionally, applicants to the School of Music and Theatre for the Bachelor of Music Degree must audition in order to demonstrate musical achievement in the area of study in addition to completing the admission standards. Placement tests are used to determine the student's musical knowledge and background. Applicants should contact the School of Music and Theatre or the Office of Admission to schedule an audition.

## ► APPLICATION CRITERIA

### HIGH SCHOOL STUDENTS

Applications may be submitted any time after the junior year of high school. Transcripts of all courses taken, grades and credits received in high school must be sent directly to the Office of Admission before a decision on admission will be made.

### HOMESCHOOL STUDENTS

Homeschooled students must supply a high school transcript, or its equivalent, including a list of courses taken, grades received or level of proficiency attained. This transcript can be from a homeschool curriculum agency or can be parent (or instructor) generated. A student may apply while their final coursework is in progress. Satisfactory transcript equivalents can include a General Education Development (GED) certificate or state certificate or a certificate of completion of a home-study program if the program is recognized by the student's home state.

### INTERNATIONAL STUDENTS

Applicants who are not citizens of the United States, and who are interested in admission to Heidelberg as degree program students, should contact the Office of Admission for information on application procedures. Heidelberg is authorized under Federal law to enroll nonimmigrant students. Tuition and fees must be paid prior to each semester.

International undergraduate applicants must provide proof of secondary school completion to be enrolled at the university as first year students. We reserve the right to accept or reject transcripts and to ask for additional information if deemed necessary. International applicants must submit post-secondary transcripts through a National Association of Credential Evaluation Services (NACES) approved agency.

The General Certificate for Secondary Education (GCSE or VCSE) is recognized as the equivalent to a high school diploma. Cambridge IGCSE and O Levels are recognized as the equivalent to a high school diploma when students have 5 academic subjects with grades of C or better.

An International student whose first language is not English is required to have sufficient knowledge of the English language to benefit from their academic studies. An official score report must be submitted from the Educational Testing Service (ETS) International TOEFL (Test of English as a Foreign Language) or International English Language Testing System (IELTS) within one year of the date of application. Students may also be required to submit other forms of evaluation, such as a written essay and/or oral interview. Based on the results of these evaluations, the student may be placed into the HELI program.

### VETERANS OR MILITARY PERSONNEL

Heidelberg University is fully approved under the laws providing educational benefits for eligible veterans. The following programs are offered through the Department of Veterans Affairs and administered at Heidelberg University: Post-9/11 GI Bill or Chapter 33, Yellow Ribbon Program, Montgomery (New) GI Bill or Chapter 30, Reserve GI Bill or Chapter 1606, Veterans Educational Assistance Program (VEAP) or Chapter 32, Dependents Educational Assistance or Chapter 35, and Vocational Rehabilitation or Chapter 31. Certification of enrollment is managed by the Director of Financial Aid. Veterans should submit their Eligibility Notice to the Financial Aid Office.

### ADULT STUDENTS

Applicants who are at least 23 years old will be classified as an adult student. However, applicants who have had a break in their education due to life circumstances or who are married and/or have dependents may also apply as an adult. The Office of Admission will review applicants to determine those who qualify. Such applicants need not submit scores from the Scholastic Aptitude Test (SAT) or the American College Test (ACT), but should submit a high school transcript or its equivalent and official transcripts of all previous college work.

### NON-DEGREE SEEKING STUDENTS

Persons who wish to enroll for full- or part-time studies but do not wish to be a declared degree candidate must secure permission to register from the Office of Admission. Admission is based on evidence of the applicant's ability to pursue college courses and of satisfactory high school preparation. An application and official high school and/or previous college transcripts are required. Non-degree seeking students who wish to change from non-degree status to degree status must follow the admission policies and procedures and have the change approved by the Office of Admission.

## **TRANSIENT/GUEST STUDENTS**

Degree-seeking students enrolled at other institutions who wish to take coursework at Heidelberg to transfer back to their home institution must complete a Transient Student Application for each term of enrollment. Students must submit either a statement of good standing or an official transcript from the institution they are attending. An official transcript is required if the Heidelberg course has prerequisites. Financial aid must be processed through the student's home institution.

## **COLLEGE CREDIT PLUS PROGRAM**

High school students who meet the State of Ohio's eligibility guidelines may apply to the College Credit Plus (CCP) Program. Eligible applicants must submit the College Credit Plus application with an official high school transcript and required test scores. Applicants must meet both Heidelberg's admission standards and the assessment threshold set by the State of Ohio.

## **DUAL ADMISSION AND ENROLLMENT PROGRAM**

- Marion Technical College—Marion, OH
- North Central State College—Mansfield, OH
- Owens Community College—Findlay and Toledo, OH
- Terra State Community College—Fremont, OH

While enrolled at one of these participating colleges, students may enroll in one class at Heidelberg each semester for a maximum of four semesters prior to transfer. Heidelberg University will charge the same tuition rate as the participating college and provide academic advising to help students best utilize their credits.

The program is open to new, transfer, and adult students. Students begin the Program by completing an Associate of Arts or Associate of Science degree, and then transfer to Heidelberg University to complete a bachelor's degree. The Dual Admission and Enrollment Program requires that students meet all admission requirements and be accepted by both the participating college and Heidelberg University. All students must complete the appropriate online application and submit a final high school transcript and/or GED. Official transcripts from any prior college attended must also be submitted. New students with no prior college and transfer students with few earned hours must also submit ACT or SAT scores.

## **► ADMISSION DECISION**

Admission is granted after careful review of the candidate's academic promise, social character, and potential for success at Heidelberg University. Each application is individually reviewed to determine if the candidate will be able to fulfill the academic responsibilities of a Heidelberg student. Applicants who are denied admission may submit a letter of appeal to the Director of Admission.

Review of high school, and all college transcripts, when applicable, are made by admission or the registrar staff to be sure they are valid. If necessary, additional documentation from the high school or college is collected. Final enrollment into Heidelberg University is contingent upon satisfactory completion of all in-progress coursework on transcripts.

## **► PROVISIONAL ACCEPTANCE PROGRAM**

Provisional acceptance is offered to students who do not meet all of the criteria for admission but exhibit promise of success. Additional support materials may be requested prior to an admission decision being made.

Provisionally admitted students will enroll for 12 or 13 credit hours during their first semester in addition to participating in a support program offered through the Owen Academic and Career Support Center. Provisionally accepted students will have their academic success reviewed at the end of their first semester to determine continuation in the program.

## **► REQUIREMENTS TO BEGIN CLASSES**

Final enrollment is contingent upon satisfactory completion of all high school requirements and/or in-progress college-level coursework. In addition, students must complete the enrollment fee; a certificate of health; and, participate in orientation and welcome week.

## ENROLLMENT FEE

After admission, the student should submit a \$250 fee to insure a place in the incoming class. This fee is non-refundable after May 1.

## CERTIFICATE OF HEALTH

The entering student's medical history record and physical examination report are submitted on forms provided by the University after acceptance for admission and before the student's arrival on campus. Students with disabilities and other accessibility needs should contact the Coordinator of Student Accessibility Services after acceptance for admission who will guide the students through the appropriate process to secure housing, dining, and/or academic accommodations. Please see "Student Accessibility Services" for more details.

## ORIENTATION AND WELCOME WEEK

All accepted students must attend one of the available orientation days typically during the summer months. Information is sent with the acceptance letter. Students are eligible to register into an orientation session after the enrollment fee is received and the registration opens. Students entering Heidelberg as degree seeking students for the first time will also attend Welcome Week events, which begin approximately one week prior to the start of academic classes. Exceptions to this policy must be appealed to the Director of Student Engagement.

## 186 ► READMISSION

Students, who for any reason, left the University must reapply for admission and pay associated fees. Students who have withdrawn in satisfactory academic standing and are not indebted to the University must complete a readmission form. A student who was suspended or dismissed from the University must additionally follow the reinstatement policy.

A student who has been suspended from the University for a disciplinary reason may be readmitted by approval of the Dean of Student Affairs. A student who has been suspended for a psychological reason must have approval from the Dean of Student Affairs and the Chief Medical Officer.

Readmitted students will follow the current University Catalog or one that is in circulation within the most recent three years. Readmitted students who believe they are disadvantaged for following the active catalog may petition to the Academic Policies Committee for a full review of their academic history.

## ► COURSE TRANSFER POLICY

Transfer credit is determined by the Office of the Registrar. Eligible credit must be earned from a college or university accredited by the Higher Learning Commission or other accrediting commissions which have been recognized by the Council on Higher Education Accreditation (CHEA). Credit will be accepted at Heidelberg University as long as the grade earned is C (2.00) or better. Courses that are considered developmental in nature are not transferable.

A student transferring to Heidelberg University from other institution(s) of higher learning must meet residency requirements in order to be eligible for graduation from a baccalaureate degree program. A candidate for a degree must take a minimum of 30 semester hours at Heidelberg University. A minimum of 60 hours must be earned at a four-year college or university. At least one-half of the hours required for a major at Heidelberg University (not including allied courses) must be taken as coursework at Heidelberg University and does not include credit by exam or CLEP. In the event a student's transfer credit awards more than one-half of the hours required by their intended major, additional course requirements will be arranged between the Department Chair and the student to ensure that the student meets the one-half of the hours in the major residency requirement.

Credits without grade point averages, will be awarded for specific Heidelberg University courses when transferable credits are for equivalent courses. When the transferable courses do not have Heidelberg University equivalents, credits will be awarded as 'elective' credits. (see also Repeat Course Grade)

As part of the degree requirements at Heidelberg University, students must earn at least 30 semester hours in undergraduate courses numbered 300 and above. Transfer students are encouraged to read the policy addressing the Graduation Requirements.

If a student wishes to appeal a transfer credit decision, s/he may submit a copy of the syllabus from the course in question to the Office of the Registrar no later than 90 days from the date of the transfer evaluation. Appeals will go to, and may be granted by the Department Chair and amended on the student's transfer evaluation. When cases of unusual or extenuating circumstances occur, a student may appeal the transfer credit decision beyond the 90 day limit.

### **ADVANCED PLACEMENT (AP)**

Heidelberg recognizes the value and purpose of certain college-level courses offered to superior students in many secondary schools through the Advanced Placement Program of the College Entrance Examination Board. To be eligible for advanced standing and/or actual college credit, the entering first-year students must have completed a college-level Advanced Placement course in high school and achieved a satisfactory score on the Advanced Placement Test for that subject. All decisions regarding standing and credit are made by the Registrar.

### **ADVANCED STANDING/CREDIT**

BTEC Advanced Diploma Level 3 and BTEC National Diploma will be reviewed for advanced standing and/or academic credit of up to 30 semester hours, when the subject matter is deemed acceptable.

A-Level courses with a C or higher are recognized for college credit of up to 30 semester hours of credit. AS-Level courses with a C or higher are recognized for college credit of up to 15 semester hours of credit.

### **CAREER-TECHNICAL CERTIFICATION**

The Ohio Board of Regents and the Ohio Board of Education have developed pathways for students in adult career-technical educational programs to transfer completed technical courses (that adhere to recognized industry standards) without unnecessary duplication or institutional barriers. Therefore, Heidelberg University will rely on Career-Technical Assurance Guides as a foundation when reviewing credit earned at a career-technical educational facility. The Undergraduate Academic Policy Committee will assess each student's certificate in partnership with the appropriate department(s) and may award up to 12 semester hours of credit. Students must provide a certificate or other approved verification. Credit may be awarded up to three years after a certificate was earned.

### **COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)**

Heidelberg awards advanced standing credit for specified Subject Examinations of the College-Level Examination Program. Additional information is available on the website.

### **INTERNATIONAL BACCALAUREATE ORGANIZATION PROGRAM (IB)**

Heidelberg awards advanced standing credit for specified standard and higher level examinations. Additional information is available on the website.

### **MILITARY CREDIT**

Heidelberg University will review any previous military experience and training for possible university credit. The same transfer rules apply to these courses.

Determination of credit is based on the American Council on Education (ACE) guidelines as published in The Guide to the Evaluation of Military Experiences in the Armed Services. In addition to high school or college academic transcripts, applicants will need to submit a DD Form 214 and any military transcripts detailing training and education. These would include:

DD Form 214

AARTS Army/American Council on Education Registry Transcript System

SMART Sailor/Marine ACE Registry Transcript

Community College of the Air Force

Coast Guard Institute

### **PRIOR DEGREE**

Matriculants who have earned an Associate of Arts or Associate of Science from a state-assisted, regionally accredited university in Ohio beginning 2007, are eligible to use the degree to fulfill the Undergraduate Academic Foundation requirement. Matriculants holding a Bachelor's Degree from a regionally accredited university may also use the degree to fulfill the Undergraduate Academic Foundation requirement. Matriculants must meet all residency requirements and all other degree requirement policies.



If a student does not meet the Prior Degree Transfer criteria, an appeal may be made to the Provost's Office. The appeal form is completed online and will be referred to the Academic Policies Committee for a full review of the student's academic history.

### **PRIOR LEARNING ASSESSMENT**

Heidelberg University embraces diversity in academic development and understands there are several academic pathways leading to a baccalaureate degree. For this reason, Heidelberg welcomes students from various academic backgrounds and will assess coursework on an individual basis while using defined policies.

# Expenses and Student Aid



Heidelberg University is a privately supported, non-profit, church-related university. Tuition fees paid by students cover a major part of the instructional and operating costs of the University. The balance of these costs is provided by income from endowments representing gifts from many friends since the University was founded and by current gifts and contributions from individuals, corporations, alumni and the United Church of Christ. The cost of the student is thus kept to an amount consistent with adequate facilities and instruction of high quality. Heidelberg University reserves the right to change tuition, fees and other charges as the economic situation dictates.

## ► TUITION AND FEES 2020–2021

Tuition and Fees for the academic year, including Student Fees.....	\$31,700.00
Tuition and Contingent Fee for less than 12 hours, per semester hour (plus laboratory fee for certain courses) .....	\$936.00
Tuition and Contingent Fee in excess of 18 hours, per semester hour .....	\$936.00
RN-BSN Program .....	\$350.00/credit hour
Summer Tuition .....	\$495.00
Special Fees, Department of Music for full-time non-music majors	
Private instruction in Applied Music, per semester hour .....	\$250.00
Credit by Examination: Examination Fee .....	\$75.00
(plus \$40.00 per credit hour for each course successfully completed by exam)	
Audit Fee .....	\$315.00/credit hour
Graduation Fee .....	\$120.00
Non-participation Graduation Fee.....	\$40.00
Lost Identification Card Fee .....	\$25.00
Late Graduation Application Fee.....	\$25.00
Readmission Fee .....	\$100.00
Returned Check Fee .....	\$25.00
Semester Failure to Comply Fee .....	\$25.00
Lost Key .....	\$100.00
Technology Fee (resident).....	\$600.00
Technology Fee (full-time non-resident).....	\$100.00
Vehicle Registration Fee, Commuter .....	\$50.00
Vehicle Registration Fee, On Campus .....	\$100.00
Tuition adjustments will not be made for reduction in academic hours after the first week of classes unless approved by the Vice President for Academic Affairs and Provost of the University, in which case the refund policy will apply.	
No student may have a transcript of his or her record or receive a degree until all obligations to the University are met.	
Heidelberg University is a non-profit institution of higher learning. As such, student receivable accounts are considered to be educational loans offered for the sole purpose of financing an education and are not dischargeable in bankruptcy proceedings.	

► **AVERAGE ESTIMATED BUDGET**

Tuition and Fees .....	\$31,700
Meal Plan .....	\$5,400
Room (Double room rate) .....	\$5,500
Books and Supplies (Estimate) .....	\$1,500
Technology Fee.....	\$600
Total Estimated Budget .....	\$44,700

The preceding estimated charges are for a student taking not more than 18 semester hours, per semester and having a double room in the residence hall.

► **PAYMENT OPTIONS AND BILLING INFORMATION**

The University offers three plans for payment of tuition, room and board. Information regarding payment plans will be sent to the mailing address on file with the Registrar’s Office. For international students, tuition and fees are due at the beginning of each semester and must arrive at Heidelberg three days prior to arriving on campus.

**TWO-PAYMENT PLAN**

This plan, beginning August 1, enables students to pay room, board and tuition costs on a semester basis. No contract fee is required.

**FOUR-PAYMENT PLAN**

This plan allows you to pay tuition, room and board in four payments, two during the first semester and two during the second semester. A contract fee of \$45 is required and non-refundable.

**EIGHT-PAYMENT PLAN**

This plan, beginning August 1, enables students to pay room, board and tuition costs on a monthly basis over a eight-month period. A contract fee of \$45 is required and non-refundable.

**190 DUE DATES FOR FEE PAYMENT FOR 2020–2021**

<b>Two-Payment Plan</b>	August 1, 2020	January 2, 2021
<b>Four-Payment Plan</b>	August 1, 2020	October 1, 2020
	January 2, 2021	March 1, 2021
<b>Eight-Payment Plan</b>	August 1 thru December 1, 2020 and January thru April 1, 2021	

Once you are on a payment plan and making payments, the payments must be received no later than ten days after the due date. Payments are due the 1st of each month. If you miss two consecutive payments on the payment plan, you will be cancelled from the payment plan. The contract fee is non-refundable. In order to complete registration, all payment arrangements must be made prior to the beginning of class each semester. Failure to do so will result in the cancellation of the registration. Any arrangements for loans for financial aid should be made well in advance of each semester so that all fees are paid by the time they are due. A 1% interest charge is assessed to all unpaid balances that are not on a payment plan.

Participation in commencement, issuance of a diploma or transcript, or registration for a succeeding semester is dependent upon the student paying all financial obligations to the Business Office. Tuition and Fees help pay for the facilities and services available to students and are not based on an individual’s use of facilities or services, such as free admission to all regular-season athletic events and most campus programs, events, and activities.

► **VA BENEFITS PAID DIRECTLY TO THE UNIVERSITY**

In compliance with the Veterans Benefits and Transition Act of 2018, students receiving VA benefits paid directly to the University (Chapter 31 or Chapter 33) will not be penalized with interest charges due to delayed payment or eligibility notification from the U.S. Department of Veterans Affairs. If interest has been applied to the account, it will be removed when payment is received. Students will be allowed to begin classes prior to the receipt to VA payment. No other penalties or access to facilities will be charged.

## ► ENROLLMENT FOR PERSONS 65 OR OLDER

Persons 65 years or older may enroll in undergraduate courses for half tuition. Or, they may elect to enroll in undergraduate courses without credit or examination (Audit). Both options are on a space-available basis and require permission of the instructor and the Office of Admission. The reduced fee schedule does not apply to non-traditional courses. The reduced fee to officially audit a course is \$50.00.

## ► SCHEDULE OF CHARGES

Enrollment fee for first-year and transfer students ..... \$250.00  
 Application fee ..... \$25.00  
 (This fee is non-refundable from the date of remittance and is not affected by the disposition of the application for admission.)

### Room rates in residence halls per semester:

*Brown, France, Krieg, Miller and Talmage Halls:*

Single ..... \$3,200  
 Double ..... \$2,750  
 Triple ..... \$2,550  
 Quadruple ..... \$2,400  
 Super Single ..... \$3,700  
 Super Double ..... \$2,700

### *King Hall:*

Single ..... \$3,150  
 Double ..... \$2,650  
 Triple ..... \$2,450  
 Super Single ..... \$3,700  
 Super Double ..... \$2,700

*Williard Hall and Apartments* ..... \$2,950  
*College Hill Apartments* ..... \$3,450  
*Senior Apartments* ..... \$3,450  
*Stadium View Apartments* ..... \$3,450  
*University Townhomes* ..... \$3,850  
 Summer Housing ..... \$95.00/week

### Meal Plans, per semester:

Unlimited Meal Plan with \$150 Berg Bucks ..... \$2,700  
 Unlimited Meal Plan with \$250 Berg Bucks ..... \$2,750  
 Unlimited Meal Plan with \$350 Berg Bucks ..... \$2,800  
 Apartment Meal Plan ..... \$1,500

## ► AMERICAN JUNIOR YEAR EXPENSES (USD)

### Tuition:

Full Academic Year - (September to July) ..... \$30,450  
 Fall Semester - (September to December) ..... \$14,648  
 Full Fall Semester - (September to February) ..... \$15,225  
 Spring Semester - (March to July) ..... \$15,225  
 Summer 2020 Program ..... \$6,780

**Housing Rates:**

Full Academic Year – (September to July) .....	\$5,400
Fall Semester – (September to December).....	\$2,700
Full Fall Semester – (September to February) .....	\$2,700
Spring Semester – (March to July).....	\$2,700

**► WITHDRAWAL POLICY AND RETURN OF TITLE IV FUNDS POLICY**

The University has a formal withdrawal process. Students choosing to withdraw from Heidelberg must contact the Dean of Student Affairs Office on the third floor of the Campus Center. Students must then talk to a representative from the Financial Aid Office and the Business Office before the withdrawal is official. The official withdrawal date is then determined and communicated to other campus officials. Students who withdraw prior to completing more than 60% of an enrollment period will have their eligibility for aid recalculated based on the percent of the term completed. The law assumes that you “earn” your federal financial aid awards directly in proportion to the number of days of the term you attend. The percentage of Title IV funds earned shall be calculated as follows:

$$\frac{\text{Number of days completed by student}}{\text{Total number of days in term}} = \text{Percent of term completed}$$

Example: If you complete 30% of the semester, you earn 30% of the federal assistance you were originally eligible to receive. The Federal guidelines require that we refund this 30% in the following order: Unsubsidized Stafford Loan, Subsidized Stafford Loan, Perkins Loan, PLUS, Pell Grant, SEOG, and TEACH.

This policy governs all Federal grant and loan programs, including Federal Pell Grant, Federal SEOG, Federal Perkins Loan and Federal Stafford Loans. The University will use the tuition adjustment percentage for the university and state fund adjustment. Please contact the Director of Financial Aid with specific questions concerning the refund calculation.

**192 ► TUITION ADJUSTMENTS**

Students who totally withdraw from the University will have their tuition charges adjusted by 10% per week through the 60% of the enrollment period. There will be no refund of tuition charges after 60% of the enrollment period has passed. Please see the Business Manager for specific information.

Students who withdraw from a class but not from the University will have their tuition charges adjusted according to the Tuition Adjustment Schedule.

**► ROOM AND BOARD ADJUSTMENTS**

Students who totally withdraw from the University will have their room and board charges adjusted by 10% per week through the 60% of the enrollment period. There will be no refund of room and board charges after 60% of the enrollment period has passed. Please see the Business Manager for specific information.

**► STUDENT FINANCIAL AID**

Heidelberg University awards financial assistance to students based on financial need, academic merit and special circumstances. The Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA is required for all need-based assistance. Students are encouraged to file their FAFSA by April 1 for timely processing. The application is electronic and can be found at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

Heidelberg University feels the primary responsibility for financing a student’s education rests with the family. Financial aid is based upon the family’s ability to contribute. All students will be considered dependent upon their parents unless there is a special circumstance or are considered independent by federal requirements as indicated on the FAFSA.

The expected family contribution (EFC) is determined by an assessment of family income, assets, number of dependents and number of dependents enrolled in post-secondary education. Financial aid eligibility is determined utilizing the Federal Methodology (FM).

Heidelberg University is a NCAA Division III school and a member of the Ohio Athletic Conference (OAC) and complies with all rules and regulations governing student athletes.

Approximately 98% of students on the Heidelberg University campus receive financial assistance in one or a combination of sources.

Heidelberg University students are awarded over 35 million dollars annually in scholarships, grants, loans and jobs from Federal, State and University sources. Federal Programs that assist Heidelberg students include: Pell Grant, Supplemental Educational Opportunity Grant (SEOG), Direct Student Loan, Federal Work-Study, and TEACH. State assistance includes: Ohio College Opportunity Grant (OCOG), Gear Up, Ohio Safety Officers College Memorial Fund, Ohio War Orphans and Ohio National Guard. Please contact the Financial Aid Office for more information about these programs.

## ► SCHOLARSHIPS AND GRANTS

The following merit based scholarships are available to first-time, full-time students upon their acceptance to Heidelberg University for the 2020–21 academic year. All awards are based on seventh semester high school GPA and standardized tests taken on or before February 2020. The Presidential, Dean's, Faculty and Academic Scholarships are based on a point system, High School GPA, plus ACT/SAT scores.

*Presidential Scholarship* – A \$17,000 scholarship will be awarded to students who have a point value of 9–10. Scholarships are renewable at the original amount for four years based on a minimum of 3.00 cumulative GPA at Heidelberg University.

*Dean's Scholarship* – A \$16,000 scholarship will be awarded to students who have a point value of 8. Scholarships are renewable at the original amount for four years based on a minimum 3.00 cumulative GPA at Heidelberg University.

*Faculty Scholarship* – A \$15,000 scholarship will be awarded to student who have a point value of 7. Scholarships are renewable at the original amount for four years based on a minimum 2.75 cumulative GPA at Heidelberg University.

*Academic Scholarship* – A \$13,000 scholarship will be awarded to students who have a point value of 5–6. Scholarships are renewable at the original amount for four years on a minimum 2.50 cumulative GPA at Heidelberg University.

### **Heidelberg Scholars Competition**

Based upon high school GPA and test scores, a select group of students are invited to compete in one of three scholarship events. Student may participate in one event and are evaluated against those students at the same competition for the following scholarships:

*Heidelberg Award*—Three (3) top scholarships will be awarded, one at each event. The amount will be \$29,000 annually, \$116,000 for four years provided the student maintains a 3.0 GPA.

\*This award will supersede all Institutional scholarships as well as other entitlement award including: Out of State, UCC, UCC Ministerial as well as Science and Music and Theatre Scholarship.

*Founders Award*—Six (6) scholarships will be awarded, two at each event. The amount will be \$24,000 annually, \$96,000 for four years provided the student maintains a 3.0 GPA.

\*This award will supersede all Institutional scholarships as well as other entitlement awards including: Out of State, UCC, UCC Ministerial as well as Science and Music and Theatre Scholarship.

*Trustees Award*—Approximately 25% of participants will be awarded this scholarship in each event. The amount will be \$19,000, annually, \$76,000 for four years provided the student maintains a 3.0 GPA.

\*This award will replace the Institutional scholarship offer, but other entitlements will still be granted.

*Fellows Award*—The amount will be \$17,500 annually, \$70,000 for four years provided the student maintains a 3.0 GPA

\*This award will replace the Institutional scholarship offer, but other entitlements will still be granted.



## **Heidelberg University also makes available the following scholarships and grants to new students for 2020–21 academic year:**

*Music Scholarships* with varying amounts awarded based on a performance audition/competition and recommendations of the Music Department Chairman. Prospective students must have a 2.5 minimum high school grade point average. Students must continue to be a music major, make satisfactory academic progress and maintain a 2.5 college GPA to remain eligible.

*Alumni Family Grant* – \$1,000 per year for students whose parent, grandparent or sibling graduated from Heidelberg. Must meet satisfactory academic progress for renewal.

*UCC Tuition Grant* – This \$1,000 per year grant is awarded to students who are members of the United Church of Christ. A letter of recommendation by their minister is required. UCC students are guaranteed this award regardless of need. The guideline for renewal is compliance with satisfactory academic progress.

*Grants to Children of UCC Ministers* – Children of ordained UCC ministers and full-time missionaries are eligible for a \$2,000 grant. The guideline for renewal is compliance with satisfactory academic progress standards.

*Out-of-State Grant* – \$3,000 to a student from a state other than Ohio who lives on campus as a first year student.

*University Grant* – Additional University grant dollars may be awarded to meet a student's need based upon Heidelberg's packaging policy and available funds.

*Transfer Academic Scholarship* – This award ranges \$11,000–\$15,000 per year. Students must have attempted at least 15 semester hours or 23 quarter hours and earned a minimum 2.5 or higher GPA. Full-time enrollment status is required. Students must maintain a 2.5–3.0 GPA for renewal.

*Phi Theta Kappa Scholarship* – A \$1,000 award is available to students who are members of the Phi Theta Kappa Honorary, have earned at least 15 semester or 23 quarter hours and earned a 3.5 GPA or higher. Documentation of membership is required. Students must maintain a 3.0 GPA for renewal.

*The total of all Heidelberg gift assistance cannot exceed full tuition. Renewal of all sources of financial aid is contingent upon maintaining Satisfactory Academic Progress (SAP).*

## **► YELLOW RIBBON PROGRAM**

The Yellow Ribbon Program allows eligible military veterans to attend Heidelberg tuition-free for up to four years. The Yellow Ribbon Program is a provision of the Post-9/11 Veterans Education Assistance Act of 2008. As a participant in the program, Heidelberg pledges to cover 50 percent of any tuition and fees that remain after Post-9/11 benefits have been awarded by an eligible service member. The U.S. Department of Veterans Affairs will match the Heidelberg contribution to cover military veteran's tuition and fees in full.

Eligibility includes those military veterans who have served at least 36 months of active duty after September 10, 2001, as well as those veterans who have served 30 continuous days after September 10, 2001, and who were honorably discharged from active duty for a service-connected disability. Eligibility also extends to dependents who qualify for Transfer of Entitlement under the Post-9/11 GI Bill based on a veteran's service under the eligibility criteria listed above.

Additional information about the Yellow Ribbon Program and the Post-9/11 Veterans Education Assistance Act can be obtained through the Heidelberg Financial Aid Office or through the GI Bill website at [www.gibill.va.gov](http://www.gibill.va.gov).

## **► FEDERAL STUDENT AID PROGRAMS (TITLE IV)**

The following sources of federal aid are administered at Heidelberg. Grants are financial aid students don't have to pay back. Work-Study lets students work and earn money to help pay for school or other expenses. Loans are borrowed money that must be repaid with interest.

*Federal Pell Grant* – A need-based grant with amounts ranging from \$657–6,195. Eligibility is determined by the federal methodology based upon the information provided on the FAFSA.

*Federal Supplemental Educational Opportunity Grant (SEOG)* – A need-based grant with amounts ranging from \$100–2,000 per year. A student must be full-time and Pell eligible.

*Federal Work-Study* – Provides jobs for students with financial need, allowing students to earn money to help pay their educational expenses. Awards range from \$800–2,000 per year.

*TEACH Grant (Teacher Education Assistance for College and Higher Education)* – A new program which began in 2008–09 awards up to \$4,000 grant for students interested in education. Students must have a 3.25 GPA and agree to teach in a high-need field and low income school.

*Federal Direct Loans* – These guaranteed loans are the Department of Education's major form of self-help aid for students. First-year students can borrow up to \$5,500 with no more than \$3,500 being subsidized, sophomores up to \$6,500 with no more than \$4,500 being subsidized, and juniors and seniors up to \$7,500 with no more than \$5,500 being subsidized.

There are two types of Direct Loans, subsidized and unsubsidized. The subsidized loan is awarded based upon need. No interest is charged during the in-school period. The unsubsidized loan is awarded regardless of need. Students are responsible for the interest that accumulates during the in-school and deferment period. Repayment begins 6 months after graduation or when the student is enrolled less than half-time and is over a ten year payment period.

*Parent Loan for Undergraduate Students (PLUS)* – Parents of dependent undergraduate students are eligible to borrow up to the cost of education minus the student's financial aid. Parents must have good credit. Repayment begins 60 days after the second disbursement or can be deferred until the student graduates and is over a ten-year repayment schedule. Please contact the Financial Aid Office before borrowing.

## ► STATE OF OHIO PROGRAMS

The State Grants and Scholarships Department of the Ohio Department of Higher Education offers the following financial aid sources that Heidelberg administers.

*Ohio College Opportunity Grant (OCOG)* – Need-based, Ohio resident. Must complete the FAFSA by October 1. Students with an EFC of 2190 or less are awarded \$3,500 for 2019–20.

*War Orphan Scholarship* – Children of deceased or severely disabled Ohio veterans who served during period of war or declared conflict. Award amount was \$7,044 for 2019–20.

Other programs include: the Ohio Safety Officers College Memorial Fund and the Ohio National Guard.

## ► OUTSIDE SCHOLARSHIPS

Students are encouraged to explore financial sources above and beyond the programs administered through the Financial Aid Office at Heidelberg University. Many organizations, communities and high schools have scholarship and/or loan programs available to students that meet certain criteria.

If a student is a recipient of an outside scholarship and has received federal financial aid, review of their total award is required. Outside funds will first be applied to the student's unmet financial need. Adjustments to the student's self-help, loans and/or work will be made before reducing the University grant.

## ► UNDERGRADUATE SATISFACTORY ACADEMIC PROGRESS POLICY FOR FINANCIAL AID ELIGIBILITY

Federal regulations require that schools monitor the academic progress of each applicant for federal financial assistance and that the school verifies the student is making satisfactory academic progress toward earning a degree. This evaluation of academic progress is done annually at the completion of the spring semester by the Financial Aid Office.

All sources of financial assistance administered by the Financial Aid Office are governed by this policy.

New Federal policy, as of July 1, 2011, requires that we set a qualitative standard (grade point average) as well as a quantitative standard (credit hours) which specifies the pace at which the student must progress to graduate within the maximum time-frame established by Heidelberg.

Maximum hours/years to earn a degree: To quantify academic progress, a school must set a maximum time frame in which a student is expected to complete a program. For an undergraduate program, the maximum time frame cannot exceed 150% of the published length of the program measured in credit hours attempted and, also, years.

- Undergraduate programs require 120 hours for graduation. The maximum time frame for students is 180 attempted hours ( $120 \times 1.5 = 180$ ). Students whose program may require more than 120 hours for a degree will have a higher limit.

Heidelberg undergraduate programs normally are completed by the end of 4 years of full time enrollment. Therefore, the maximum time frame in years for a full-time student to complete their degree requirements is 6 years ( $4 \times 1.5 = 6$ ).

- Credit hour/quantitative requirement:** Students must demonstrate measurable progress towards earning a degree by successfully completing at least 67% of all courses attempted.
- An attempted credit includes graded courses (A, B, C, D, F, FN, FAHV, P, U, S) and non-graded courses (I, W, WF). Attempted hours also include any transfer hours accepted toward the student's degree by Heidelberg. Grades of W, WF, F, FN, U, and I are not considered successful completion and are not, therefore, counted in earned credits. Repeated courses are included in attempted credits and courses with passing grades are treated as earned. Audits are not included in attempted or earned credits.
- To calculate the percentage of credits you have earned; total all attempted credits and all earned credits. Then divide the number of earned credits by the number of attempted.

Total Earned Credits/Total Attempted Credits=Percentage completed

For example:  $18/24 = 75\%$ ,  $24/30 = 80\%$ ,  $20/30 = 66.7\%$

- Withdrawals:** Grades of W are counted as courses attempted.
- Incompletes:** An I is not counted in hours passed until a grade is assigned.
- Audits:** No credit is earned for audited courses. They are not included in attempted hours.
- Transfer credits:** All transfer hours accepted by Heidelberg are counted in the maximum time frame measurement and therefore are included in attempted and earned hours.

Grade point average requirement/qualitative requirement: At the end of their second year a student must earn a minimum cumulative grade point average of 2.0.

Students must meet Heidelberg's SAP standards to be eligible for financial aid funds for their next term of enrollment. In order to regain eligibility the student must meet the stated quantitative and qualitative requirements. Students have two options to regain eligibility:

- Successfully complete coursework that improves Heidelberg cumulative gpa and/or completion rate to meet the required standards, or
- Appeal to the Office of Financial Aid SAP committee for reconsideration based upon extenuating circumstances (review right to appeal requirements).

Notification: Students not meeting SAP requirements are notified by letter mailed to their mailing address, as indicated in Banner/OASIS II, in mid to late May after the Financial Aid Office staff has reviewed grades and progress. Students are responsible for keeping that address current or having mail forwarded to them during the summer months. The notification letter will state that the student is not meeting SAP requirements and what the student needs to regain eligibility.

Unless an appeal is granted for extenuating circumstances, a student can regain eligibility only by coming into compliance with the standards of academic progress.

Right to Appeal: Students have the right to appeal any decision of ineligibility to continue to receive financial assistance. Appeals must be made before the next enrollment term after the aid eligibility has been lost.

- The appeal may not be based upon the need for financial assistance, poor study habits, course overload or the lack of knowledge that financial assistance was in jeopardy.
- An appeal would normally be based upon some unusual situation or condition which prevented the student from passing courses, or which required withdrawal from class. Such circumstances could include documented student illness or injury, family illness or the death of a family member, loss due to natural disaster, victim of crime or abuse or significant breakdown of family relationship.
- Appeals can only be approved by the Financial Aid Appeals Committee and are separate from admission, academic, or athletic decisions. A completed Heidelberg University SAP Appeals Form is required.

- The appeal must include a typed statement explaining the extenuating circumstances, how the circumstances have been addressed, and the student's college goals. Documentation is also required such as hospital records, death certificate, statement from third party, etc.
- Students' appeals which are granted are considered to be on Financial Aid Probation. Probation status requires the student to submit an academic plan that outlines how they will meet SAP standards. This plan is developed with the help of the Financial Aid staff and/or an academic advisor. The plan will be reviewed and monitored by the Financial Aid staff.

Please complete Heidelberg University SAP Appeal Form.

The mere passage of time will not ordinarily restore eligibility to a student who has lost eligibility for failure to make satisfactory academic progress.

Students who have been academically dismissed by the University but who are subsequently given permission to re-enroll are not automatically eligible for financial aid funding, SAP requirements must be met. Admission decisions are totally separate from financial aid decisions.

## ► REPEATED COURSEWORK FOR FINANCIAL AID

Federal regulation limits the number of times a student may repeat a course and receive federal financial aid. A student may receive federal financial aid funding for one repetition of a previously passed course. Exceptions to this include courses in music and health and physical education for the course number that does not change, but the content does change. Passing includes grades of A, B, C, D. A failed course can be repeated until passed. All repeated courses affect Satisfactory Academic Progress for financial aid purposes and are counted as attempted hours.

## ► FINANCIAL AID RENEWAL

Renewal of aid may be denied or reduced for the following reasons: failure to make satisfactory academic progress, failure to meet renewal guidelines, disciplinary probation, failure to document continued need for funds, late application, fraudulent information and reduction in funds the University receives from the state or federal sources. Financial assistance terminated or reduced for the above reasons may be reinstated the following year if the conditions have been met or corrected.

# Register of the University



## ► THE CORPORATION

The Corporate name of the institution is Heidelberg University. The State of Ohio has vested its control in the hands of a Board of Trustees, constituted at present as follows:

### EMERITI TRUSTEES\*

John Q. Adams~, B.A. (2007-2015)	Colleyville, Texas
Verne S. Atwater~, B.A., M.B.A., Ph.D., L.H.D. (1966-1990)	Amherst, New Hampshire
Sondra Libman~, B.A., M.A. (1998-2019)	Champaign, Illinois
Donald L. Mennel, B.A., M.A., M.B.A. (1982-1994)	Fostoria, Ohio

### BOARD OF TRUSTEES\*

Marsha S. Bordner, B.A., M.A., Ph.D. (2012-2023)	Port Clinton, Ohio
Chad Breeden~, B.A. (2019-2022)	Stafford, Virginia
Gary L. Bryenton~, A.B., J.D. (1990-2023)	Fairview Park, Ohio
Carol Cartwright, B.S., M.Ed., Ph.D. (2013-2021)	Napa, California
Dale Chorba~, B.S. (2019-2023)	Hinkley, Ohio
Charles C. Cole, H'05 (1999-2023)	Republic, Ohio
Lynn Detterman, B.S. (2016-2024)	Willard, Ohio
Gary D. Duncan~, B.A., M.Div. (2015-2022)	Joplin, Missouri
Ernest Estep~, B.S., M.D. (2000-2022)	Akron, Ohio
Kathleen Geier~, B.A. (2010-2024), Chair of the Board	Akron, Ohio
Jean Gekler~, B.A., M.B.A. (2020-2024)	Kirkland, Washington
Karen L. Gillmor, B.A., M.A., Ph.D. (1999-2023)	Tiffin, Ohio
Andrew H. Kalnow, B.A., M.B.A. (1987-2023)	Tiffin, Ohio
Kris Klepper, B.S. (2012-2023)	McCutchenville, Ohio
Karen Kovalow-St. John~, B.S., M.D. (2019-2023)	Valparaiso, Indiana
John N. Kratz~, B.A. (2007-2022)	Dublin, Ohio
William E. Landess~, B.A. (2007-2022)	Hudson, Ohio
Beth Long-Higgins~, B.A., M.Div. (2010-2024)	Delaware, Ohio
Steven Marin~, B.A., M.S. (2015-2022)	Miami, Florida
Jerilyn Medrea~, B.S., M.A. (2013-2021)	Southport, Connecticut
Kim Newman~, M.A. (2013-2024)	Tiffin, Ohio
Richard Odell~, B.M., M.A., H'11 (2013-2021), Vice Chair of the Board	Evanston, Illinois
R. James Orr~, B.A., J.D., L.L.M. (2010-2021)	Dunkirk, Maryland
Terry W. Owen, B.A., M.A., Ph.D. (2012-2024)	Bentleyville, Ohio
Anthony J. Paradiso, B.S. (1997-2021)	Tiffin, Ohio
Elizabeth Smith~, B.A., J.D. (1999-2023)	Columbus, Ohio
Paul Stallings~, B.A., M.B.A. (2019-2023)	Akron, Ohio
Ralph Talmage, B.S. (2006-2021)	Columbus, Ohio
Susan C. Wolf~, B.A., Ph.D., M.D. (2007-2022)	New York, New York
Wade E. Young~, B.S., M.D. (2003-2023)	Fremont, Ohio

\*Dates following a name indicate the years of service

~Designates Heidelberg University alumni

## ► THE ADMINISTRATION

CHRISTOPHER T. ABRAMS, 2017–

*Dean of Student Affairs*

B.A., Malone College; M.A., Alfred University; Ed.D., University of Arkansas.

ANTHONY L. BOURNE, 2020–

*Vice President for Enrollment Management and Marketing*

B.A., Wright State University; M.P.A., Walden University; Ph.D., Wright State University.

ROBERT H. HUNTINGTON, 2009–

*President; Associate Professor of Business*

B.A., M.A., Middlebury College; M.B.A., Dartmouth College; Ed.D., Harvard University.

PHILIP E. NESS, 2016–

*Vice President for University Advancement and Alumni Affairs*

B.A., Lafayette College.

HOA NGUYEN, 2016–

*Vice President for Administration and Business Affairs*

B.S., Aquinas College; M.B.A., University of Detroit.

MARGARET C. RUDOLPH, 2012–

*Chief Human Resources Officer; Title IX Coordinator*

B.A., Ohio University; M.L.H.R., The Ohio State University.

BRYAN D. SMITH, 2006–

*Interim Vice President for Academic Affairs and Provost; Professor of Chemistry;*

*Susan C. Wolf Endowed Chair of the Natural Sciences*

B.S., Heidelberg College; Ph.D., University of Wyoming.

MONICA T. VERHOFF, 2012–

*Executive Assistant to the President, Provost and Board of Trustees*

A.S., Terra State Community College; B.B.A., Tiffin University.

## ACADEMIC AFFAIRS

COURTNEY DeMAYO PUGNO, 2010–

*Executive Director of the Owen Center for Teaching and Learning; Associate Professor of History*

B.A., Hartwick College; M.A., Ph.D., University of Houston.

EMILY R. ISAACSON, 2013–

*Undergraduate Faculty Representative; Director of the Honors Program; Associate Professor of English, Chair*

B.A., Augustana College; M.A., Ph.D., University of Missouri–Columbia.

JORDAN KAUFMAN, 2020–

*Director of Academic Assessment and Effectiveness*

B.A., Indiana University–Purdue University; M.S., University of Tennessee.

LEROY MORGAN, 2019–

*Registrar*

B.A., The University of North Carolina at Chapel Hill; M.A., Central Michigan University.

MARJORIE C. SHAVERS, 2013–

*Graduate Faculty Representative; Associate Professor of Counseling; Director of Graduate Studies in Counseling*

B.S., M.A., Ph.D., The Ohio State University

STEPHEN SVOBODA, 2016–

*Undergraduate Faculty Representative; Assistant Professor of Theatre; Director of Curriculum Development and Innovation*

B.A., Plattsburgh State University of New York; M.F.A. Ohio University.

## ADMINISTRATION AND BUSINESS AFFAIRS

BARBARA GABEL, 1983–

*Business Manager*

B.S., Tiffin University.

KURT HUENEMANN, 1983–

*Associate Vice President for Information Resources*

B.S., Heidelberg College; M.S., Bowling Green State University.



- RODNEY E. MORRISON, 2007–  
*Associate Vice President for Facilities and Engineering*  
 B.A., Wittenberg University.
- STACY WHEELER, 2006–  
*Director of Retail, Print, and Parcel*  
 B.S., M.B.A., Heidelberg University.
- JOEL WILKINS, 2018–  
*Assistant Vice President/Controller*  
 B.A., Defiance College; M.B.A., Tiffin University.

## ENROLLMENT MANAGEMENT AND MARKETING

- THOMAS ALEXANDER, 2018–  
*Director of Admission*  
 B.A., M.A.E., Heidelberg University.
- KATHY BORTON, 1974–  
*Assistant Director of Admission*  
 B.A., Heidelberg University.
- RACHEL HISER, 2012–  
*Associate Director of Communication*  
 B.A., Ohio Northern University; M.F.A., Chatham University.
- BETH KAGY, 1984–  
*Director of Financial Aid*  
 B.A., Tiffin University.
- RICHARD SHERLOCK, 2017–  
*Director of Branding and Marketing*  
 B.S., Kent State University.

## HUMAN RESOURCES

- ALLYSON GEORGE, 2018–  
*Human Resources Generalist*  
 B.A., Notre Dame College; M.S., Florida International University.
- JEFFREY RHOADES, 2010–  
*Director of Campus Safety; Lead Title IX Investigator*  
 B.S., Heidelberg College; M.C.J., Tiffin University.
- RONDA WINKLER, 1981–  
*Payroll and Benefits Manager*

## STUDENT AFFAIRS

- JULIE ARNOLD, 2008–  
*Director of Intercultural Student Affairs*  
 B.A., M.A.E., Heidelberg University.
- SHAUN GUNNELL, 2020–  
*Coordinator of Multicultural Student Affairs*  
 BEXSc., M.Ed., University of Rio Grande.
- MARK McKEE, 2016–  
*Executive Director of HYPE Career Ready® and Placement*  
 B.A., M.A., Marshall University.
- J. MATTHEW PALM, 1999–  
*Athletic Director*  
 B.A., The College of Wooster; M.S., Georgia State University.
- JACQUELINE SIRONEN, 2015–  
*Director of Student Engagement*  
 B.A., University of Dayton; M.A., Central Connecticut State University.
- PAUL C. SITTASON STARK, 2008–  
*Chaplain, Director of Religious Life and Civic Engagement*  
 A.B., Duke University; M.Div., The University of Chicago Divinity School.
- KAYELA TIDRICK, 2012–  
*Director of Campus Recreation Services*  
 B.S., The University of Akron; M.Ed., Ashland University.

MARK ZENO, 2008–  
*Assistant Dean of Student Affairs*  
B.S., Heidelberg College; M.A., The University of Akron.

## **UNIVERSITY ADVANCEMENT AND ALUMNI AFFAIRS**

KELLY LAVELLE, 2019–  
*Director of The Heidelberg Fund*  
B.S., Kent State University.

JAMES MINEHART, 2008–  
*Executive Director of Planned Giving and Major Gifts*  
B.A., Otterbein College.

ASHLEY POPPE-HELMSTETTER, 2007–  
*Executive Director of Alumni Engagement and Major Gifts*  
B.S., Capital University.

SYDNEY CALABRO, 2020–  
*Assistant Director of Alumni Engagement*  
B.S., Heidelberg University.

CHERYL STAIB-LEWIS, 2016–  
*Executive Director of Advancement and Major Gifts*  
B.A., M.A., Heidelberg College.

## **► MEDICAL STAFF**

MARK AKERS  
*Medical Director*  
M.D., Wright State University.

JANELLE BALDOSSER, 2015–  
*Director of Health and Counseling Center*  
R.N., Owens Community College; B.S.N., Ashland University; F.N.P., Otterbein University.

REBECCA GOSCHE, 2001–  
*Assistant Director of Health and Counseling Services*  
L.P.N., Bowling Green Area School of Practical Nursing.

KAREN RABER, 2015–  
*Counselor*  
B.A., Mount Union University; M.A., Walsh University.

JOHN SHARP, 2016–  
*Assistant Director of Counseling*  
B.A., M.A.C., Heidelberg University.

MARY ZIEGLER, 2019–  
*Counselor*  
B.A., M.A.C., Heidelberg University.

## **► NATIONAL CENTER FOR WATER QUALITY RESEARCH**

JAKOB A. BOEHLER, 2011–  
*Research Assistant*  
B.S., M.A.E., Heidelberg University.

REMEGIO CONFESOR, JR., 2008–  
*Senior Research Scientist*  
B.S., M.S., University of the Philippines Los Banos; Ph.D., Pennsylvania State University.

D. ELLEN EWING, 1976–  
*Laboratory Manager*  
B.S., Heidelberg College.

LAURA T. JOHNSON, 2013–  
*Director; Assistant Professor of Biology*  
B.S., Virginia Polytechnic Institute and State University; Ph.D., University of Notre Dame.

NICOLE KUHN, 2017–  
*Research Associate*  
B.S., Ohio University.

NATHAN MANNING, 2018–  
*Research Scientist*  
 B.A., Wittenberg University; M.S., University of Akron; Ph.D., University of Toledo.

BARBARA J. MERRYFIELD, 1978–  
*Research Assistant*  
 B.S., Heidelberg College.

NANCY L. MILLER, 1986–  
*Business Manager and Coordinator of the Private Well Testing Program*  
 B.S., Urbana College.

AARON R. ROERDINK, 2006–  
*Analytical Chemist; Associate Professor of Chemistry*  
 B.A., Central College; Ph.D., University of Wisconsin.

## ► FACULTY

The date following a name indicates the beginning of service at Heidelberg University. A second date, where given, is the year of retirement or end of service.

ANDREW H. AEBLY, 2018–  
*Assistant Professor of Chemistry*  
 B.A., St. John's University Ph.D., Montana State University.

NATHANIEL R. BERES, 2012–  
*Associate Professor of Chemistry*  
 B.S. Walsh University; Ph.D., University of Akron.

AMY C. BERGER, 1998–  
*Professor of Geology*  
 B.A., Pomona College; Ph.D., University of Illinois at Urbana–Champaign.

LUCY BIEDERMAN, 2018–  
*Assistant Professor of English*  
 B.A., Washington University of St. Louis; M.F.A. George Mason University; Ph.D., University of Louisiana–Lafayette.

JOSHUA BOWMAN, 2018–  
*Assistant Professor of Political Science*  
 B.A., Lee University; M.A., Ph.D., The Catholic University of America.

MICHELE D. CASTLEMAN, 2012–  
*Associate Professor of Education*  
 B.A., Michigan State University; M.F.A., Catham College; Ph.D., The Ohio State University.

DARYL CLOSE, 2000–  
*Professor of Computer Science and Philosophy*  
 A.B., Lafayette College; M.A., Ph.D., Temple University.

NATHAN CUTIETTA, 2013–  
*Assistant Professor of Media and Gaming; Director of the Gaming, eSports and Media Center*  
 B.A., Loyola Marymount University; M.A., California State University.

COURTNEY DeMAYO PUGNO, 2010–  
*Associate Professor of History; Executive Director of the Owen Center for Teaching and Learning*  
 B.A., Hartwick College; M.A., Ph.D., University of Houston.

TYSON L. DEPINET, 2013–  
*Instructor of Athletic Training; Coordinator of Athletic Training Services*  
 B.S., Heidelberg University; M.A., Kent State University.

BARRY DEVINE, 2017–  
*Assistant Professor of English*  
 B.A., University of Utah & University of Washington; M.A., University College of Dublin;  
 M.A., Ph.D. University of Miami.

CAROL E. DUSDIEKER, part-time 2007–2010; full-time 2011–  
*Associate Professor of Voice; Director of the School of Music and Theatre*  
 B.Mus., University of Iowa; M.M., D.M., University of Indiana.

- NANCY EL GENDY, 2018–  
*Assistant Professor of English*  
 B.A., Ain Shams University; M.A., Helwan University; Ph.D., University of Oklahoma.
- PAMELA FABER, 1987–  
*Professor of Biology*  
 B.S., M.S., Brigham Young University; D.A., Idaho State University.
- VIRGINIA R. GREGG, 2005–  
*Professor of Psychology*  
 B.S., M.A., Ph.D., The Ohio State University.
- BRIAN V. HALEY, 1989–  
*Professor of Education and History; Swinehart Family Endowed Chair in Education*  
 A.B., City of Leeds and Carnegie (England); M.A., Kent State University; Ed.D., University of Toledo.
- LINDSEY R. HAUBERT, 2016–  
*Assistant Professor of Education*  
 B.S., M.A., Bowling Green State University; Ph.D., University of Toledo.
- ROBIN L. HEATON, 2014–  
*Assistant Professor of Communication*  
 B.A., Loyola Marymount University; M.A., California State University; Ph.D., University of Utah.
- DAWN N. HENRY, 2018–  
*Assistant Professor of Special Education*  
 B.S., Bowling Green State University; M.A.E., University of Toledo; Ed.D., Bowling Green State University.
- JAMES HILL, 2019–  
*Visiting Assistant Professor of Management*  
 B.S., Otterbein College; M.B.A., University of Southern California; D.M. Case Western Reserve University.
- DAVID G. HOGAN, 1989–  
*Professor of History*  
 B.A., State University of New York at Fredonia; M.A., State University of New York at Binghamton; D.A., Carnegie Mellon University.
- XIAOMING HUANG, 1993–  
*Professor of Mathematics*  
 B.S., M.A., Wuhan University; Ph.D., The Ohio State University.
- KURT E. HUENEMANN, 1983–  
*Assistant Professor of Computer Science; Associate Vice President for Information Resources*  
 B.S., Heidelberg College; M.S., Bowling Green State University.
- ROBERT H. HUNTINGTON, 2009–  
*Associate Professor of Business; President*  
 B.A., M.A., Middlebury College; M.B.A., Dartmouth College; Ed.D., Harvard University.
- EMILY R. ISAACSON, 2013–  
*Associate Professor of English; Director of the Honors Program; Undergraduate Faculty Representative*  
 B.A., Augustana College; M.A., Ph.D., University of Missouri–Columbia.
- LAURA T. JOHNSON, 2013–  
*Assistant Professor of Biology; Director of the National Center for Water Quality Research*  
 B.S., Virginia Polytechnic Institute and State University; Ph.D., University of Notre Dame.
- SCOTT A. JOHNSON, 2019–  
*Dean of the School of Business and Technology; Adams Family Endowed Chair; Professor of Management*  
 B.S., California State University, Fresno; M.B.A., University of San Francisco;  
 Ph.D., Arizona State University.
- SEAN M. JOYCE, 1993–  
*Assistant Professor of Computer Science*  
 B.S., Heidelberg College; M.S., Bowling Green State University.

- DOUGLAS D. KANE, 2020–  
*Assistant Professor of Ecology*  
 B.S., M.S., Ph.D., The Ohio State University.
- SALIL SANJAY KHETANI, 2018–  
*Assistant Professor of Marketing*  
 B.E., M.M.S., Mumbai University; Ph.D., University of Utah.
- DOHEE KIM-APPEL, 2018–  
*Associate Professor of Counseling*  
 B.A., Seoul Women's University; M.A., Ursuline College; M.Ed., Ph.D., University of Akron
- MARTIN KLEY, 2020–  
*Resident Director, American Junior Year Program at Heidelberg University, Germany*  
 B.A., University of Augsburg; M.A., University of Pittsburgh; Ph.D., University of Texas at Austin.
- MORGAN H. KOCHER, 2018–  
*Assistant Professor of Exercise Science*  
 B.S., Linfield College; M.S., Ph.D., University of Hawaii at Manoa.
- SARAH LAZZARI, 2019–  
*Assistant Professor of Sociology*  
 B.A., University of Washington Tacoma; M.S., Ph.D., Portland State University.
- TERRY L. LEMLEY, 1986–  
*Professor of Physics*  
 B.S., Colorado School of Mines; Ph.D., Montana State University.
- CYNTHIA J. LEPELEY, 1998–  
*Professor of Spanish*  
 A.B., Stonehill College; A.M., Ph.D., University of Illinois.
- PEDRO MACHADO, 2020–  
*Instructor of Sport Management*  
 B.S., Bowling Green State University; M.S., West Virginia University; M.S., Florida Atlantic University.
- ALYSSA M. MATEJKA, 2015–  
*Assistant Professor of Athletic Training; Athletic Trainer*  
 B.S., University of Mount Union; M.S., California University of Pennsylvania.
- MEAGAN McBRIDE, 2018–  
*Assistant Professor of Counseling*  
 B.S., M.A., Bowling Green State University; Ph.D., University of Toledo.
- LAUREN McGRAW, 2017–  
*Associate Athletic Trainer; Instructor of Athletic Training and Health Science*  
 B.S., Heidelberg University; M.Ed., Valdosta State University.
- DIANE K. MONACO, 2013–  
*Assistant Professor of Economics*  
 B.A., Wayne State University; M.A., University of Akron; Ph.D., Wayne State University.
- RYAN L. MUSGRAVE, 2002–  
*Assistant Professor of Athletic Training; Director of Athletic Training Program*  
 B.S., Wilmington College; M.S., Indiana University; Ed.D., University of Findlay.
- ROBERT OATES, 2019–  
*Assistant Professor of Athletic Training*  
 B.S., Wilmington College; D.AT., University of Idaho.
- JULIE D. O'REILLY, 2005–  
*Associate Professor of Communication and Women's and Gender Studies*  
 B.A., Millikin University; M.S., Ohio University; Ph.D., Bowling Green State University.
- MARC J. O'REILLY, 2001–  
*Professor of Political Science*  
 B.A., McGill University; M.A., Ohio University; Ph.D., University of Connecticut.

- LUCIA M. PALMER, 2018–  
*Assistant Professor of Communication*  
 B.A. University of North Carolina at Greensboro; M.A. University of Colorado at Boulder;  
 Ph.D., University of Texas at Austin.
- STACEY PISTOROVA, 2014–  
*Assistant Professor of Elementary Education*  
 B.A., Skidmore College; M.Ed., Ph.D., University of Toledo.
- SIEGLINDE POELZLER-KAMATALI, part-time 2019–2020; full-time 2020–  
*Assistant Professor of German and Spanish*  
 B.A., M.A., Karl-Franzens University.
- JUSTIN A. PRUNESKI, 2013–  
*Associate Professor of Biology*  
 B.S., Walsh University; Ph.D., University of Pittsburgh.
- GREGORY A. RAMSDELL, 2008–  
*Associate Professor of Music; Director of Choral Activities*  
 B.Mus., M.Mus., D.M.A., University of Kansas.
- AARON R. ROERDINK, 2006–  
*Associate Professor of Chemistry; National Center for Water Quality Research Analytical Chemist*  
 B.A., Central College; Ph.D., University of Wisconsin.
- ANDREA B. ROERDINK, 2015–  
*Assistant Professor of Accounting*  
 B.A., Central College; B.A. Heidelberg University; M.A.C.C., Bowling Green State University.
- NEIL M. SASS, part-time 2000–2007, full time 2007–  
*Assistant Professor of Psychology*  
 B.S., City College of New York; M.S., Long Island University.
- AARON N. SELL, 2018–  
*Assistant Professor of Criminology and Psychology*  
 B.A., Ohio University; Ph.D., University of California, Santa Barbara.
- MARJORIE C. SHAVERS, 2013–  
*Associate Professor of Counseling; Director of Graduate Studies in Counseling; Graduate Faculty Representative*  
 B.S., M.A., Ph.D., The Ohio State University.
- KRISTIN SIMOKAT, 2020–  
*Assistant Professor of Biology*  
 B.A., Wesleyan University; Ph.D., University of Wisconsin–Madison.
- BRYAN D. SMITH, 2006–  
*Professor of Chemistry; Interim Vice President for Academic Affairs and Provost; Susan C. Wolf Endowed Chair of the Natural Sciences*  
 B.S., Heidelberg College; Ph.D., University of Wyoming.
- BARBARA A. SPECHT, part-time 1985–1997; full-time 1998–  
*Associate Professor of Clarinet and Saxophone; Director of the Orchestra*  
 B.Mus. and M.M., Bowling Green State University; D.M.A., The Ohio State University.
- KYLEE M. SPENCER, 2011–  
*Associate Professor of Biology*  
 B.S., Murray State University; M.S., Ph.D., Vanderbilt University.
- TRACI SITTASON STARK, 2004–  
*Professor of Psychology*  
 B.A., Duke University; B.A., University of North Carolina; M.S., Ohio University; Ph.D., Ohio University.
- LACEY STRICKLER-EPPARD, 2019–  
*Visiting Assistant Professor of Biology*  
 B.S., M.S., Ph.D., University of Toledo.
- JENA R. SUFFEL, 2013–  
*Assistant Professor of Athletic Training; Clinical Education Coordinator; Athletic Trainer*  
 B.S., Wilmington College; M.Ed., Valdosta State University; DHS, A.T. Still University.

STEPHEN SVOBODA, 2016–

*Assistant Professor of Theatre; Director of Curriculum Development and Innovation;  
Undergraduate Faculty Representative*  
B.A., Plattsburgh State University of New York; M.F.A., Ohio University.

HELEANA THEIXOS, part-time 2017–2019; full-time 2019–

*Visiting Assistant Professor of Ethics*  
B.A., University of Oregon; M.A., University College Dublin, Ireland; M.A., Ph.D.,  
University of Miami, Florida.

HUA-HSIN TSAI, 2020–

*Assistant Professor of Finance*  
M.S., Purdue University; M.S., University of North Texas; Ph.D., Kent State University.

MARK VEAL, 2019–

*Visiting Assistant Professor of Management*  
B.S., M.S., Eastern Michigan University.

STEVEN VELASQUEZ, 1993–

*Professor of Physics*  
B.S. in Mathematics, B.S. in Physics, Louisiana State University; Ph.D., University of Virginia.

JONATHAN WATERS, 2016–

*Assistant Professor of Music Education; Director of Bands*  
B.Mus., M.Mus., The Ohio State University.

MAEF WOODS, 2013–

*Assistant Professor of Accounting*  
B.S., Iowa State University; M.Acct. Wright State University, Ph.D., University of Cincinnati.

## PART-TIME FACULTY

DANIEL J. HIGGINS, 1999–

*Instructor of Communication and Theatre Arts; Assistant Director of Forensics*  
B.A., M.A., Heidelberg College.

SCOTT KRETZER, 2016–

*Instructor of Music Industry*  
B.M., University of Kentucky; M.M.E., Heidelberg University.

CHRISTINE S. MAIBERGER, 2007–

*Instructor of German*  
B.S., Heidelberg College; M.Ed., Heidelberg University.

JOAN H. McCONNELL, 2000–

*Instructor of Organ*  
B.Mus., Wittenberg University; M.M., University of Cincinnati; M.A., University of Notre  
Dame.

## EMERITI FACULTY

RUTH W. BACON, M.A.

*Assistant Professor Emerita of Communication and Speech Therapy*  
Part-time 1952–1955; full-time 1967–1977; part-time 1977–1978; part-time 1981–1983

DAVID B. BAKER, Ph.D.

*Professor Emeritus of Biology and Director of the Water Quality Laboratory*  
1966–1999; 2005–2007

KENNETH BAKER, Ph.D.

*Professor Emeritus of Biology*  
1985–2017

GEORGE BARLOW, Ph.D.

*Professor Emeritus of Biology*  
1964–1987

H. ROBERT BERG, Ph.D.

*Professor Emeritus of German*  
1981–2003



- BRIAN E. BEVELANDER, Ph.D.  
*Professor Emeritus of Piano and Composition*  
 Part-time 1968; full-time 1969; full-time 1977-2011; part-time 2011-2018
- JOHN H. BING, Ph.D.  
*Professor Emeritus of Political Science and Anthropology*  
 1975-2013
- DAVID BUSH, Ph.D.  
*Professor Emeritus of Anthropology*  
 1998-2017
- SUSAN CARTY, Ph.D.  
*Professor Emerita of Biology*  
 1988-2013
- MELVIN F. CASLER, M.A.  
*Professor Emeritus of Mathematics*  
 1962-1966; 1968-1993
- JEANNE T. CASSELL, M.A.  
*Professor Emerita of Education*  
 1982-1996
- WILLIAM C. CASSELL, M.A.  
*President Emeritus*  
 1980-1996
- JAMES CHUDZINSKI, Ph.D.  
*Professor Emeritus of Economics*  
 1988-2012
- RICHARD W. CORDELL, Ph.D.  
*Professor Emeritus of Chemistry*  
 1965-2005
- KENNETH EDWIN DAVISON, Ph.D.  
*Professor Emeritus of History and American Studies*  
 1952-1989
- VIRGINIA RENTZ DAVISON, A.M.  
*Associate Professor Emerita of Voice*  
 Full-time 1955-1960; part-time 1960-1962; 1968-1990
- GARY E. DICKERSON, Ph.D.  
*Professor Emeritus of Communication and Media*  
 1982-2015
- JAMES H. GETZ, Ph.D.  
*Athletic Director and Administrator Emeritus*  
 1967-1980; 2002-2003
- BLAKE R. GRANGAARD, Ph.D.  
*Professor Emeritus of Religion*  
 1996-2018
- PHILIP HARNER, Ph.D.  
*Professor Emeritus of Religion and Philosophy*  
 1962-1997
- DAVID P. KIMMEL, Ph.D.  
*Professor Emeritus of English*  
 1997-2019
- WAYNE KIRKLIN, M.B.A.  
*Associate Professor Emeritus of Business Administration, Accounting and Economics*  
 1978-2000
- PERCY LANE LILLY, Ph.D.  
*E. R. Kuch Professor Emeritus of Microbiology*  
 1956-1988
- JAY MANN, D.M.A.  
*Professor Emeritus of Voice and Chorus*  
 1969-1997

- CHARLES E. MOON, Ph.D.  
*Professor Emeritus of Education*  
 1988–2008
- MARY JO MURRAY, M.A.  
*Associate Professor Emerita of History*  
 1982–2007
- ROBERT C. MURRAY, Ph.D.  
*Professor Emeritus of Biology*  
 1970–2007
- VICKI OHL, Ph.D.  
*Professor Emerita of Theory and Piano*  
 Part-time 1975–1985; full-time 1985–2019
- ARNOLD J. OLIVER, Ph.D.  
*Professor Emeritus of Political Science*  
 1986–2005
- RONALD D. PEPPER, M.Mus.  
*Associate Professor Emeritus of Violin, Music Theory and Music History*  
 1965–1998
- HENRY G. RENNIE, Ph.D.  
*Professor Emeritus of Economics*  
 1992–2012
- WILLIAM R. REYER, Ph.D.  
*Professor Emeritus of English*  
 1982–2018
- CATHERINE THIEDT, Ph.D.  
*Professor Emerita of Organ, Piano and Theory*  
 1968–2000
- BARBARA L. TUCKER, M.S.  
*Professor Emerita of Accounting*  
 1989–2015
- RUTH M. WAHLSTROM, Ph.D.  
*Professor Emerita of English*  
 Full-time 1969–2013; part-time 2013–2014
- DAVID P. WEININGER, Ph.D.  
*Provost Emeritus and Professor of Mathematics*  
 1985–2015
- WILLIAM T. WICKHAM, Ph.D.  
*Professor Emeritus of Business Administration, Accounting and Economics*  
 1977–1999
- LEON MILTON WISE, Ph.D.  
*Professor Emeritus of Psychology*  
 1951–1997
- RAYMOND A. WISE, Ph.D.  
*Registrar Emeritus*  
 1968–2000
- IAN J. YOUNGER, Ph.D.  
*Professor Emeritus of Communication and Theatre Arts*  
 1988–2010

## **PRESIDENTS OF HEIDELBERG UNIVERSITY**

Emanuel V. Gerhart, D.D., LL.D. – 1851-1855  
Moses Kieffer, D.D. – 1855-1863  
George W. Aughinbaugh, D.D., LL.D. – 1864-1865  
George W. Williard, D.D., LL.D. – 1866-1890  
John A. Peters, D.D., LL.D. – 1890-1901  
Charles E. Miller, D.D., LL.D. – 1902-1937  
Clarence E. Josephson, S.T.M., D.D. – 1937-1945  
Nevin C. Harner, S.T.M., Ph.D., D.D., LL.D. – 1945-1947  
William T. Wickham, A.M., Ped.D., LL.D. – 1948-1969  
Leslie H. Fishel, Jr., Ph.D., LL.D. – 1969-1980  
William C. Cassell, L.H.D., LL.D., D.B.A., Litt.D. – 1980-1996  
Richard H. Owens, Ph.D. – 1996-2001  
F. Dominic Dottavio, Ph.D. – 2003-2008  
Robert H. Huntington, Ed.D. – 2009-

## **INTERIM PRESIDENTS OF HEIDELBERG UNIVERSITY**

Frederick D. Lemke, Ph.D., Litt.D. – 1947-1948  
Kenneth J. Porada, Ph.D. – 2001-2002  
James H. Getz, Ph.D. – 2002-2003  
James A. Troha, Ph.D. – 2008-2009

# INDEX

Academic Advising .....	12
Academic Support .....	13
Academic Calendar .....	1
Academic Catalog .....	14
Academic Course Appraisals .....	13
Academic Honesty .....	14
Academic Policies and Resources .....	12
Academic Programs of Study .....	46
Academic Scholarship .....	17
Academic Support .....	13
Accessibility .....	14
Accounting Major .....	49
Accreditation and Affiliation .....	6
Active-Duty Servicemembers .....	16
Administration .....	199
Admission .....	183
Adult .....	184
Application .....	183
College Credit Plus .....	185
Decision .....	185
Dual .....	185
High School .....	184
International .....	184
Non-Degree .....	184
Provisional .....	185
Standards .....	183
Transient .....	185
Veterans or Military .....	184
Advanced Placement .....	187
Alpha Alpha Alpha .....	17
Alpha Lambda Delta .....	17
Alpha Psi Omega .....	17
American Junior Year .....	31
Application, Admission .....	183
Art Minor .....	49
Athletics Coaching Minor .....	50
Athletics, Eligibility for .....	29
Audit, course .....	25
Awards and Fellowships .....	17
Bachelor of Arts .....	48
Degree Requirements .....	48
Programs of Study .....	49
Bachelor of Music .....	74
Degree Requirements .....	74
Programs of Study .....	77
Bachelor of Science .....	48
Degree Requirements .....	48
Programs of Study .....	49
Bachelor of Science in Nursing .....	79
Degree Requirements .....	82
Programs of Study .....	83
Beta Beta Beta .....	17
Biochemistry Major .....	50
Biology Major and Minor .....	50
Buildings and Facilities .....	7
Business Administration Major .....	51
Campus History .....	5
Campus Map .....	213
Career-Technical Certification Transfer .....	187
Certification of Health .....	186
Charges, Schedule of .....	191
Chemistry Major and Minor .....	53
Chinese Electives .....	53

Civic Engagement .....	162
Class Standing .....	19
College-Level Examination Program (CLEP) .....	187
Commencement, Graduation .....	29
Commitments from Heidelberg .....	12
Communication Major and Minor .....	53
Communications, Involvement .....	162
Computer Science Major and Minor .....	54
Consortial Partnerships .....	14
Cooperative Degree Programs .....	14
Corporation, The .....	198
Costs .....	189
Course Add/Drop .....	19
Course Attendance .....	20
Course Descriptions .....	86
Course Honors .....	20
Course Levels .....	19
Course Load .....	21
Course Override .....	21
Course Registration and Policies .....	19
Credit by Exam .....	21
Credit Hour Definitions .....	22
Criminology Major .....	54
Cybersecurity Minor .....	55
Dean's List .....	24
Degree Requirements .....	34, 48
Degrees Offered .....	46
Delta Mu Delta .....	17
Delta Phi Alpha .....	17
Dining Facilities .....	163
Dismissal, Academic .....	27
Economics Major and Minor .....	55
Education Major .....	55
Educational Philosophy and Values .....	6
Eligibility .....	29
Athletics .....	29
Co-Curricular Activities .....	29
Intercollegiate .....	29
Endowed Funds .....	177
Endowed Prizes .....	177
Endowed Scholarships .....	166
English Language Institute .....	15, 59
English Major .....	58
Enrollment Fee .....	186
Enrollment for Persons 65 or Older .....	191
Environmental Science and Sustainability Major .....	59
Environmental Studies Minor .....	59
Examinations .....	22
Exercise Science Major .....	60
Expenses .....	189
Faculty .....	202
Emeritus .....	206
Part-Time .....	206
Faculty-Student Committees .....	163
Family Educational Rights and Privacy Act .....	2
Federal-State Financial Aid Programs .....	194
Fees .....	189
Financial Aid .....	192
Fine Arts .....	39
Four-Year Guarantee .....	12
Fraternities .....	165
French Electives .....	60
Fresh Start, Academic .....	28
General Education Requirements .....	34
Geology Minor .....	60
German Major and Minor .....	61
Glasgow, Heidelberg Honors at .....	32
Global/Cultural Perspectives .....	42

Grade Change Appeal.....	25	Omicron Delta Kappa.....	18
Grade Requirements .....	24	Order of Omega.....	18
Grading System .....	24	Orientation and Welcome Week .....	186
Graduation .....	29	Oxford Study Abroad Programme .....	32
Commencement.....	29	Pass–Fail Courses.....	25
Latin Honors.....	30	Payments.....	190
Posthumous Degree .....	30	Personal Health & Wellness.....	44
Grants .....	193	Phi Alpha Theta.....	18
Greek Electives.....	61	Philosophy Major and Minor .....	67
Health Science Major .....	61	Physics Minor .....	67
Health Services .....	163	Pi Kappa Delta.....	18
Heidelberg, Germany.....	31	Pi Sigma Alpha .....	18
History Major and Minor .....	62	Plan for Academic Improvement .....	27
History of the University .....	5	PlusOneAdvantage® .....	
Honor Society (The) .....	18	MBA Tuition–Free Scholarship .....	12
Honorary Groups .....	17	Political Science Major and Minor .....	67
Honors .....		Post Baccalaureate Studies .....	15
Course Honors .....	20	Posthumous Degree .....	30
Departmental Honors .....	30	Pre–Law Advising.....	13
Honors Program .....	19, 62	Pre–Medical .....	
Humanities .....	40	Concentration.....	68
HYPE Career Ready® Program.....	159	Program .....	13
Incomplete Grade .....	24, 30	Pre–Professional Studies .....	13
Independent Arrangement .....	22	Presidents of Heidelberg.....	209
Independent Study .....	22	Prior Degree Transfer Policy.....	187
Individual Rights .....	2	Prior Learning Assessment .....	188
Information Systems Major.....	63	Probation, Academic.....	27
Institutional Goals .....	6	Psi Chi.....	18
Integrated Media Major and Minor.....	64	Psychology Major and Minor.....	68
International Affairs & Studies, Office of .....	163	Public History Minor.....	69
International Baccalaureate Organization .....		Quality Points .....	25
Program (IB).....	187	Reading Ability.....	35
International Students .....	184	Readmission .....	186
International and Alternative Experiences.....	31	Registration and Policies .....	19
International Studies Major and Minor.....	64	Reinstatement, Academic .....	28
Intervention Specialist Licensure .....	58	Religion Major and Minor .....	69
Internship .....	160	Religious Life .....	164
Iota Tau Alpha .....	18	Remedial Coursework .....	24
Kappa Delta Pi.....	18	Repeat Course .....	24, 197
Latin American Studies Minor.....	65	Residential Living .....	164
Leadership and the American Presidency .....	33	Responsibility Requirement .....	45
Legal Studies Minor .....	65	ROTC Program .....	16
Library and Instructional Services .....	7, 15	Satisfactory Academic Progress.....	195
Licensure (Teachers) .....	56	Satisfactory Academic Standing .....	26
Literature Minor.....	58	Scholarships .....	
Majors .....	46, 49	Annual .....	182
Mathematics Major and Minor.....	65	Endowed .....	166
Media Technology Minor .....	66	Grants .....	193
Mexico Program .....	32	Outside .....	195
Military Credit .....	187	Self–Designed Studies Major .....	69
Ministers’ Children, Grants to.....	194	Sigma Delta Pi.....	18
Minors .....	47	Sigma Iota Rho .....	18
Mission Statement .....	5	Sigma Tau Delta.....	18
Multicultural Student Affairs, Office of .....	164	Social Sciences .....	42
Music .....	66	Sociology Minor .....	70
Activities.....	163	Sororities.....	165
Applicants .....	183	Spanish Major and Minor .....	70
Bachelor of Arts.....	66	Spanish Studies Abroad.....	32
Bachelor of Music .....	74	Sport Management Major and Minor.....	71
Education .....	78	Student Affairs Staff .....	162
Minor.....	67	Student Body .....	162
Performance .....	77	Student Organizations .....	163
Theory/Composition .....	78	Student Senate .....	163
National Center for Water Quality Research .....	15	Study Abroad Programs .....	31
Natural Sciences .....	41	Suspension, Academic .....	27
Nature Preserves .....	51	Tau Mu Sigma.....	19
Non–Departmental and Integrated Studies .....	137	Tau Pi Phi .....	19
Nursing .....	79	Theatre Major and Minor .....	71

Transcript of Credit.....16

Transfer Course .....186

Transient Student .....17

Trustees.....198

Tuition and Fees .....189

United Church of Christ ..... 5

University Register .....198

University Rights..... 2

Veterans .....184

Video Game Production Major and Minor ..... 73

Vision Statement ..... 5

Warning, Academic ..... 26

Washington Semester..... 33

Watershed Science Specialization ..... 73

Wellness Minor..... 73

Withdrawal Policy (Financial) .....192

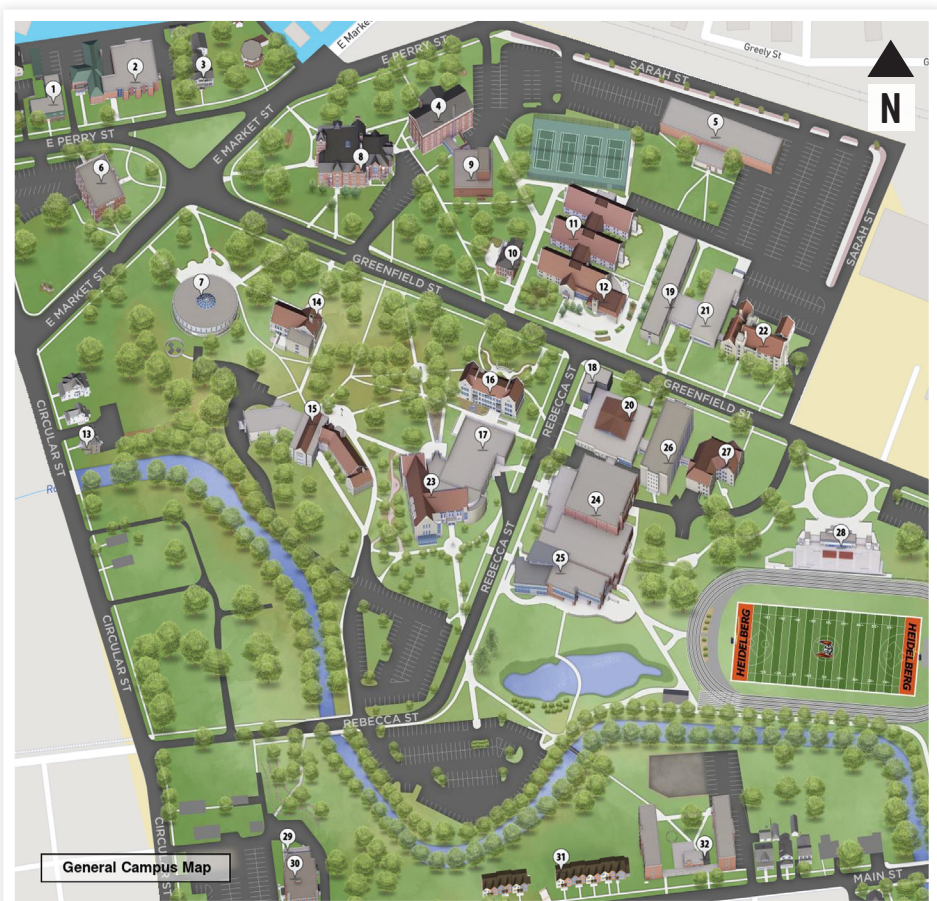
Women’s and Gender Studies Minor ..... 73

Writing Ability ..... 37

Writing Minor ..... 58

Yellow Ribbon Program.....194

# Campus Map



## DIRECTORY

- |                            |   |                                       |
|----------------------------|---|---------------------------------------|
| 1. College Hill Apartments | 13. Unbuntu House                       | 24. Seiberling Gymnasium              |
| 2. Breneman Music Hall     | 14. Pfeiderer Center                    | 25. Saurwein Health & Wellness Center |
| 3. Fine Arts House         | 15. Campus Center                       | 26. Miller Hall                       |
| 4. Founders Hall           | 16. Adams Hall                          | 27. Williard Hall                     |
| 5. Krammes Service Center  | 17. Bareis Hall                         | 28. Hoernemann Stadium                |
| 6. Aigler Alumni Building  | 18. The HeidelBean!                     | 29. GEM Center                        |
| 7. Beeghly Library         | 19. Brown Hall                          | 30. Krieg Hall                        |
| 8. University Hall         | 20. Hoernemann Refectory                | 31. Main Street Townhomes             |
| 9. Gundlach Theatre        | 21. Lavelly-Shedenhelm Education Center | 32. King Hall                         |
| 10. Brynton Honors Center  | 22. France Hall                         |                                       |
| 11. Talmage Hall           | 23. Gillmor Science Hall                |                                       |
| 12. University Commons     |   |                                       |



