

Breadth of Academic Experience: Fine Arts

Theatre 105- Play Production: Stagecraft designated

Breadth of Academic Experience: Writing

History 105- World Civilization I

History 106- World Civilization II

Breadth of Academic Experience: Reading

History 105- World Civilization I

History 106- World Civilization II

Psychology 310- Social Psychology

Psychology 317- Psychology of Personality

Religion Major Clarification

Religion: 30 hours. 21 hours to include REL 201, 202, 204, 308, 309 (Junior level discipline specific communication requirement), and 490 (Senior Capstone Experience) or 476 (departmental Honors); ~~PHI 309, 310, and 317 may be included among the 21 hours in religion.~~ Allied Subjects: 9 of the 30 hours from among philosophy, literature (ENG 102, 151, 152, 153, 154, 205-206, 221-222, 231-232, 300, 306-307, 330, 340, 346, 350, 355, 360; NDI 301, 302, 382), GRK 111 and, world history (HIS 105, 106, 113, 114, 121, 200, 252, 311, 321, 322, 332, 333; NDI 115).

Health and Physical Education License

Required: 6 hours EDU 229, 347, 400

Health and Physical Education Major

G. Electives: Choose six (6) semester hours from:

HPE 115, 121, 203, 216, 339, 250, 317, 318, 322, 343, 454

Chemistry

Chemistry Major: 43 semester hours consisting of MTH 222, 223, PHY 101, 102, CHM 111, 112, 201, 202, 305, 307 (Junior Level Discipline Specific Communication Requirement), 422 (Senior Capstone Experience), and 4 additional CHM credit hours (excluding CHM 103/103L).

Chemistry- Course Descriptions

404. Instrumental Analysis (4 sem. hrs.). 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 305. Two recitations and two 3-hour laboratory periods per week. (Spring odd-even years) emphasis on coordination chemistry. Laboratory work devoted to inorganic preparations, reactions and characterization of products. Prerequisite: Permission of the instructor. Three recitations per week. Optional 3 hour lab portion of this course is CHM 412. (Spring even-odd years)

412. Laboratory Studies in Inorganic Chemistry (1 sem. hr.). This course is the lab complement to CHM 411, Inorganic Chemistry. This lab course meets weekly for three hours. Students will explore some of the topics covered in inorganic lectures. This lab course is optional but must be taken concurrently with CHM 411. One three-hour lab per week. (Spring even-odd years)

Computer Science- Course Descriptions

316. Spreadsheet Modeling (3 sem. hrs.). 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. Prerequisite: CPS 100 or CPS 150 or CPS 201. This course replaces CPS 214. Students who have already taken CPS 214 are not eligible for this course. (Spring even-odd years)

325. Data Communications and Networking (3 sem. hrs.). 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 internet working issues. The protocols and workings of the global Internet. Issues facing network administrators. Prerequisite: CPS 150. (Fall of odd-even years)

Health and Physical Education- Course Descriptions

~~329.~~ 339. Teaching of Dance and Gymnastics (2 sem. hrs.). Course content is designed to provide the students with the knowledge and skills necessary to teach dance forms and gymnastics in physical education class.