

CHEMISTRY MAJOR
ENVIRONMENTAL CHEMISTRY EMPHASIS

GENERAL EDUCATION REQUIREMENTS:

- _____ INTERNATIONAL LANGUAGE COMPETENCY
- _____ (FYE) FIRST YEAR EXPERIENCE 6-U
- _____ (ENGL 1004) EXPOSITORY WRITING 3-U
- _____ (ENGL 3200) ADV WRITING & RESEARCH 3-U
- _____ (COMM 1200) SPEECH 3-U
- _____ SOCIAL SCI (BUS 1000, HIST 1776, POL 1100, PSY 1100, SCS 1001, SCS 1002) 3-U
- _____ CREATIVE AND PERFORMING ARTS (Dental School – Ceramics) 3-U
- _____ (PHIL 1109/3109/3110) PHIL/ETHICS 3-U
- _____ (RLGN) RELIGION 6-U
- _____ (CLQ) COLLOQUIUM 6-U

GEN ED REQUIRMENTS Included in CHEM MAJOR

- _____ (MATH 1400) QUANT REASONING 3-4-U
- _____ (BIO 1100) NATURAL SCI 3-4-U
- _____ (CHEM 2000) PHYSICAL SCI 3-4-U

RECOMMENDED FOR NURSING, OT & PHYSICAL THERAPY

- _____ (BIO 2500/4500) HUMAN ANATOMY 4-U
- _____ (BIO 2600/4600) HUMAN PHYSIOLOGY 4-U
- _____ (BIO 3300) HEALTH & WELLNESS 3-U

RECOMMENDED FOR GRADUATE SCHOOL

- _____ (PHYS 2000 & 2100) GEN PHYSICS I & II 8-U
- _____ (CHEM 2000 & 2100) GEN CHEM I & II 8-U
- _____ (CHEM 3800 & 3900) ORG CHEM I & II 8-U
- _____ (CHEM 4100) BIOCHEMISTRY

RECOMMENDED FOR PRE-PROFESSIONALS

- _____ (BIO 3610 or 3620) ADV or MEDICAL MICRO 4-U
- _____ (BIO 4500 or 3700) HUMAN or COMPARATIVE ANATOMY 4-U
- _____ (BIO 4600 or 4110) HUMAN or ANIMAL PHYSIOLOGY 4-U

LOWER DIVISION CORE TOTAL 20-U

- _____ (BIO 1100) CELL & DEVELOPMENT BIO 4-U
- _____ (BIO 2800) GENETICS/MOLECULAR BIO 4-U
- _____ (CHEM 2000) GENERAL CHEM I 4-U
- _____ (CHEM 2100) GENERAL CHEM II 4-U
- _____ (CHEM 2990) CHEM RESRCH METHOD I 1-U
- _____ (MATH 2400) PROBABILITY & STATS 3-U

BA LOWER DIVISION TOTAL 8-U

- _____ (MATH 1600) CALCULUS I 4-U
- _____ (PHYS 2000) GEN PHYSICS I 4-U

BS LOWER DIVISION TOTAL 16-U

- _____ (MATH 1600) CALCULUS I 4-U
- _____ (MATH 1700) CALCULUS II 4-U
- _____ (PHYS 2000) GEN PHYSICS I 4-U
- _____ (PHYS 2100) GEN PHYSICS II 4-U

UPPER DIVISION CORE TOTAL 34-U

- _____ (CHEM 3800) ORGANIC CHEM I 4-U
- _____ (CHEM 3900) ORGANIC CHEM II 4-U
- _____ (CHEM 4000) QUANTITATIVE ANALYSIS 4-U
- _____ (CHEM 4100) BIOCHEMISTRY I 4-U
- _____ (CHEM 4200) SPECTROSCOPIC ANALYSIS 4-U
- _____ (CHEM 4600) PHYSICAL CHEM I 4-U
- _____ (CHEM 4700) PHYSICAL CHEM II 4-U
- _____ (CHEM 4990, 4991, 4993) CHEM RESRCH II, III & IV
- _____ -OR- (CHEM 4998) DIR RESRCH: CHEM 5-U
- _____ (CHEM 4996) INTERNSHIP: CHEM 1-U

UPPER DIVISION ELECTIVES TOTAL 8-U

**** 4-U must be ENVIRONMENTAL CHEM**

- _____ (ENSC 3000) ENVIRONMENTAL CHEM 4-U
- _____ (ENSC 4300) TOXICOLOGY 4-U
- _____ (ENSC 3300) ADV ENVIRONMENTAL STUDIES 4-U
- _____ (ENSC 4500) GEOGRAPHIC INFO SYSTEM 4-U
- _____ (ENSC 4800) SPECIAL TOPICS: ENVIRON SCI 4-U