Major: **Physical Science**  
2017-2018 - Status Sheet

Minor: **Bachelor of Science**

120 hours are required to graduate  
36 hours of upper level are required

**Required Core: 26 semester hours**
- 4 CHEM 112/L General Chemistry I/Lab
- 4 CHEM 114/L General Chemistry II/Lab
- 4 MATH 123 Calculus I
- 4 MATH 125 Calculus II
- 5 PHYS 211/L University Physics I/Lab
- 5 PHYS 213/L University Physics II/Lab

**Take 1 MATH course from the following: 3-4 hours**
- MATH 225 Calculus III
- MATH 281 Introduction to Statistics
- MATH 315 Linear Algebra
- MATH 316 Discrete Mathematics
- MATH 318 Advanced Discrete Mathematics *
- MATH 321 Differential Equations
- MATH 373 Introduction to Numerical Analysis
- MATH 413 Abstract Algebra
- MATH 422 Complex Variables
- MATH 487 Design of Experiments

**Select 6 courses (& lab) from the following: 18-24 hrs**
- CHEM 326/L Organic Chemistry I/Lab
- CHEM 328/L Organic Chemistry II/Lab
- CHEM 332/L Analytical Chem/Lab
- CHEM 342 Physical Chemistry I
- CHEM 344 Physical Chemistry II
- CHEM 434/L Instrumental Analysis/Lab
- CHEM 452 Inorganic Chemistry
- CHEM 464 Biochemistry I
- CSC 150 Computer Science I *
- CSC 250 Computer Science II *
- CSC 260 Object Oriented Design *
- CSC 300 Data Structures *
- CSC 316 Discrete Mathematics
- CSC 318 Advanced Discrete Mathematics *
- CSC 410 Parallel Computing *
- CSC 433 Computer Graphics *
- CSC 482 Algorithm Analysis *
- GEOL 201/L Physical Geology/Lab
- GEOL 310 Volcanology
- GEOL 340 Mineralogy and Petrology
- GEOL 360 Environmental Geochemistry
- GEOL 370 Hydrogeology
- PHYS 331 Introduction to Modern Physics
- PHYS 341 Thermodynamics
- PHYS 343 Statistical Physics *
- PHYS 361 Optics *
- PHYS 421 Electromagnetism
- PHYS 424 Digital Electronics *
- PHYS 433 Nuclear & Elementary Particle Physics *
- PHYS 451 Classical Mechanics
- PHYS 471 Quantum Mechanics
- PHYS 481 Mathematical Physics *
- SCI 388 GIS/GPS

**Select one course from the following list:**
- CHEM 490 Seminar (1)
- ENGL 379 Technical Communication (3)
- GEOl 490 Seminar (1)

**Select 12 credit hours from the following list:**
- CHEM 492 Topics (3-6)
- CHEM 498 Research * (3-6)
- GEOl 392 Topics (3-6)
- PHSI 492 Topics * (3-6)
- PHSI 498 Research * (3-6)
- PHYS 492 Topics (3-6)
- PHYS 498 Research * (3-6)
- RESR 498 Research (3-6)
- SCI 492 Topics (3-6)
- SCI 494 Internship (3-6)

**TOTALS:**

NAME: ___________________________  ID or SSN: ___________________________

Exit Exam: _______________________

Prepared by: ___________________  Phone #: ___________________________

Date: ___________________________