

**Recommended Schedule for Bachelor of Science Degree
in Fire Science Hazardous Materials Emphasis**

<p>First Year Fall CHEM115 General Chemistry I (4) ENGL110 Composition I (3) FIRE101 Introduction to Fire Science (3) MATH111 College Algebra I (3) Social Science Elective (3)</p> <p style="text-align: right;">17 credits</p>	<p>First Year Spring CHEM116 General Chemistry II (4) COMM101 Fundamentals of Speech (3) ENGL111 Composition II (3) FIRE 111 Hazardous Materials (3) MATH112 Calculus Business/Life Science (4)</p> <p style="text-align: right;">17 credits</p>
<p>Second Year Fall BIOL131 General Biology: Cells (4) CHEM225 Organic Chemistry I (4) Cultural Diversity (3) FIRE204 Fire Protection Hydraulics/Pumps (3) FIRE206 Fire Protection Equipment and Industrial Fire (3)</p> <p style="text-align: right;">17 credits</p>	<p>Second Year Spring BIOL132 General Biology: Organisms (4) CHEM226 Organic Chemistry II (4) FIRE201 Fire Protection Construction Concepts (3) FIRE211 Tactics and Strategy (3) Social Science Elective (3)</p> <p style="text-align: right;">17 credits</p>
<p>Third Year Fall CHEM231 Quantitative Analysis (4) FIRE197 Physical Fitness (1) FIRE301 Code Enforcement and Fire Prevention (3) HUMN251 Humanities I (4) NSCI102 Introduction to Geology (4)</p> <p style="text-align: right;">16 credits</p>	<p>Third Year Spring Aesthetic Elective (3) CHEM232 Instrumental Analysis (4) FIRE220 Fire Science Certification (4) FIRE315 Company Level Supervision/Management (3) NSCI103 Environmental Science (3) NSCI104 Environmental Science Lab (1)</p> <p style="text-align: right;">18 credits</p>
<p>Fourth Year Fall BIOL230 Introduction to Soils (4) CHEM351 Introductory Biochemistry (4) FIRE312 Hazardous Materials Management (3) FIRE402 Fire Service and the Law (3) Social Science Elective (3)</p> <p style="text-align: right;">17 credits</p>	<p>Fourth Year Spring CJUS345 Statistics and Design (4) EGMT332 Thermodynamics and Heat Transfer (4) FIRE401 Senior Seminar (3) FIRE403 Fire Science Internship (3) GEOG108 Physical Geography: Meteorology and Climatology (4)</p> <p style="text-align: right;">18 credits</p>