**Recommended Schedule for Bachelor of Science Degree**

**Fire Science – Generalist with Associate in Paramedics**

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| **First Year Fall**COMM101 Fundamentals of Speech (3)ENGL110 First Year Composition I (3)FIRE101 Introduction to Fire Science (3)Natural Science Gen Ed. Elective (3) BIOL 121 Anatomy and Physiology I (4) 16 credits | **First Year Spring**ENGL111 First Year Composition II (3)FIRE111 Hazardous Materials (3)BIOL 122 Anatomy and Physiology II (4)Social Science elective (3-4)Cultural Diversity (3) 16-17 credits |
| **Second Year Fall**FIRE204 Fire Protection Hydraulics and Pumps (3)FIRE206 Industrial Fire Protection (3)FIRE219 Firefighter Essentials (3)EMED190 Basic EMT I (4)MATH111 Math (3)FIRE197 Physical Fitness/Public Safety (1) 17 credits | **Second Year Spring**FIRE211 Tactics and Strategy (3)FIRE220 Fire Science Certification (4)Humanities General Ed (3)EMED191 Basic EMT II (4)FIRE 201 Fire Protection Construction Concepts (3) 17 credits |
| **Third Year Fall**EMED211 Emergency Pharmacology I (2)EMED251 Advanced Emergency Care I (4)EMED261 Emergency Cardiology I (2)EMED284 Advanced Skills and Situations I (3)EMED297 Paramedic Clinical I (2)HLTH101 Medical Terminology (2) 15 credits | **Third Year Spring**EMED212 Emergency Pharmacology II (2)EMED252 Advanced Emergency Care II (4)EMED262 Emergency Cardiology II (2)EMED285 Adv. Skills & Situations II (3)EMED298 Paramedic Clinical II (2)EMED286 Paramedic Operations (2)EMED271 Prehospital Emerg. Pediatrics (2)  17 credits |
| **Fourth Year Fall**FIRE301 Code Enforcement Inspection/Fire Prevention (3)MATH 207 Prin. Of Statistical Methods (3)FIRE402 Fire Service and the Law (3)FIRE312 Hazardous Materials Management (4)Social Science elective (3-4)  16-17 credits | **Fourth Year Spring**CJUS341 Arson Investigation (3)FIRE315 Company Level Supervision and Management (3)FIRE309 Fire Related Human Behavior (3)FIRE401 Senior Seminar (3)Humanities General Ed (4)  16 credits |

**Summer Courses for Third and Fourth Year**

EMED302 Paramedic Field Internship (4)

EMED301 National Registry Certification Prep (2)

FIRE403 Fire Science Internship (3-9)