

# Justice Studies Department

## Requirements for the Criminal Justice Administration Major

### *Emphasis in Biological Forensics*

#### A. Major Requirements 48 Units

**JS 10**                    **Administration of Justice**  
**JS 14**                    **Concepts of Criminal Law**  
**JS 16**                    **Criminal Evidence**  
**JS 20**                    **Principles of Investigation**

*(may use Community College equivalent for the courses above.)*

**100W\***                **Writing Workshop**  
*(Must have passed the WST, completed Core GE and upper division standing. ONLY JS, BIO, CHEM & PSYC 100W courses accepted)*

**JS 112**                **Criminalistics**  
**JS 113**                **Forensic Sciences**  
**JS 159(f)**            **Senior Seminar:  
 Contemporary Issues**

*(Prerequisites: JS, BIO, CHEM or PSYC 100W, & Senior standing. A minimum of C- in JS 159 is required for graduation.)*

**BIOL 002**            **Animal Biology**  
*(Prerequisite: Completion of BIOL 001 with a "C" or better.)*

**BIOL 003**            **Cell Biology**  
*(Prerequisite: Completion of BIOL 001 & 002 with a "C" or better.)*

**BIOL 006**            **Biological Safety**  
*(Prerequisite: Completion of BIOL 001 & 002 with a "C" or better.)*

**BIOL 115**            **General Genetics**  
*(Prerequisite: Completion of BIOL 003 with a "C" or better.)*

**BIOL 116**            **Molecular Genetics**  
*(Prerequisite: Completion of BIOL 115 with a "C" or better.)*

**BIOL 117**            **Human Genetics**  
*(Prerequisite: Completion of BIOL 115 with a "C" or better.)*

**BIOL 135**            **Molecular Cell Biology**  
*(Prerequisite: Completion of BIOL 115 & 100W Course both with a "C" or better; CHEM 8 or both CHEM 112A and CHEM 112B; PHYS 2A and PHYS 2B.)*

**BIOL 135L**          **Molecular Cell Biology Lab**  
*(Corequisite: BIOL 135.)*

#### B. Upper Division Electives 6 Units

**ANTH 157**            **Forensic Anthropology**  
*(Prerequisite: Completion of ANTH 012, BIOL 10, BIOL 21, or BIOL 65.)*

**BIOL 124**            **Mammalian Physiology**  
*(Prerequisite: Completion of CHEM 008 or CHEM 112B, Phys 2B and BIOL 003 with a "C" or better.)*

**BIOL 137**            **Intro to Principles of Toxicology**  
*(Prerequisite: Completion of BIOL 003 with a "C" or better.)*

**ENT 106**             **Forensic Entomology**  
*(WILL NOT be offered until Fall 2005)*

**JS 170**                **Internship: Forensics**

#### C. Required Preparation Courses 33 Units

**CHEM 001A**          **General Chemistry**  
**CHEM 001B**          **General Chemistry**  
*(Prerequisite: Completion of CHEM 001A with a "C" or better)*

**CHEM 008\***          **Organic Chemistry**  
**CHEM 009\***          **Organic Chemistry Lab**  
*(May use Community College equivalent for CHEM 008 & 009)*

*Students are encouraged to take the following courses in place of CHEM 008 & 009, although it is NOT mandatory.*

**CHEM 112A**          **Organic Chemistry Lecture**  
*(Prerequisite: Completion of CHEM 001B with a "C" or better.)*

**CHEM 112B**          **Organic Chemistry Lecture**  
*(Prerequisite: Completion of CHEM 112A with a "C" or better.)*

**CHEM 113A**          **Organic Chemistry Lab**  
*(Prerequisite: Completion of CHEM 112A with a "C" or better.)*

**CHEM 55**             **Quantitative Analysis**  
*(Prerequisite: Completion of CHEM 001B with "C" or better)*

**CHEM 135**            **General Biochemistry**  
*(Prerequisite: Completion of BIOL 003 with "C" or better)*

**PHYS 2A**             **Fundamentals of Physics:  
 Mechanics, Heat & Sound**  
*(Prerequisite: Algebra, PHYS 2B.)*

**PHYS 2B**             **Fundamentals of Physics:  
 Electricity & Magnetism,  
 Optics & Atomic Structure**  
*(Prerequisite: PHYS 2A.)*

**STAT 95**             **Elementary Statistics**  
*(may use Community College equivalent for STAT 95.)*

#### D. General Education, Undergraduate & Elective Requirements 41 Units