School of Natural Sciences and Mathematics

Bachelor of Arts in Biology and Criminology [Double Major]

Degree Requirements (128-130 hours)

I. Core Curriculum Requirements: 42 hours

Communication (6 hours)
- 3 hours Communication (RHET 1302)
- 3 hours Communication Elective (CRIM 3300, BIOL 4337, BIOL 4390, BIOL 4391, BIOL 4398, BIOL 4399, PSCI 3325, or NATS 4310)

Social and Behavioral Sciences (15 hours)
- 6 semester credit hours Government (GOVT 2301 and GOVT 2302)
- 6 hours American History (HIST 1301 and HIST 1302)
- 3 hours Social and Behavioral Sciences Elective (ECON 2301 or ECON 2302)

Humanities and Fine Arts (6 hours)
- 3 hours Fine Arts (ARTS 1301)
- 3 hours Humanities (HUMA 1301)

Mathematics and Quantitative Reasoning (6 hours)
- 6 hours Calculus (MATH 2413 and MATH 2414)
- or MATH 1325 Applied Calculus I and either STAT 3332 Statistics for Life Sciences or EPPS 3405 Introduction to Social Statistics with Laboratory

Science (9 hours)
- 9 hours Chemistry (CHEM 1311 and CHEM 1111, CHEM 1312 and CHEM 1112, and CHEM 2123)

II. Major Requirements: 71-73 hours

Biology Major Preparatory Courses (15-17 hours beyond Core Curriculum)
- CHEM 1111 General Chemistry Laboratory I
- CHEM 1112 General Chemistry Laboratory II
- CHEM 1311 General Chemistry I
CHEM 1312  General Chemistry II
CHEM 2123  Introductory Organic Chemistry Laboratory I
CHEM 2125  Introductory Organic Chemistry Laboratory II
CHEM 2323  Introductory Organic Chemistry
CHEM 2325  Introductory Organic Chemistry II
MATH 2413  Differential Calculus and  MATH 2414  Integral Calculus
or MATH 1325  Applied Calculus I and either STAT 3332  Statistics for Life Sciences or EPPS 3405  Introduction to Social Statistics with Lab
PHYS 2325  Mechanics and  PHYS 2125  Physics Laboratory I
or PHYS 1301  College Physics I and  PHYS 2125  Physics Laboratory I
PHYS 2326  Electromagnetism and Waves and  PHYS 2126  Physics Laboratory II
or PHYS 1302  College Physics II and  PHYS 2126  Physics Laboratory II

Biology Major Core Courses (32 hours)
BIOL 2111  Introduction to Modern Biology Workshop I
BIOL 2112  Introduction to Modern Biology Workshop II
BIOL 2281  Introductory Biology Laboratory
BIOL 2311  Introduction to Modern Biology I
BIOL 2312  Introduction to Modern Biology II
BIOL 3101  Classical and Molecular Genetics Workshop
BIOL 3102  Eukaryotic Molecular and Cell Biology Workshop
BIOL 3161  Biochemistry Workshop I
BIOL 3162  Biochemistry Workshop II
or BIOL 3335  Microbial Physiology
BIOL 3301  Classical and Molecular Genetics
BIOL 3302  Eukaryotic Molecular and Cell Biology
BIOL 3318  Forensic Biology
BIOL 3361  Biochemistry I
BIOL 3362  Biochemistry II
BIOL 3380  Biochemistry Laboratory

Criminology Major Preparatory Course (No hours beyond Core Curriculum)
ECON 2301  Principles of Macroeconomics
or ECON 2302  Principles of Microeconomics
Criminology Core Courses (24 hours)

- CRIM 3300 Crime and Civil Liberties
- CRIM 3301 Theories of Justice
- CRIM 3302 Advanced Criminology
- CRIM 3303 Advanced Criminal Justice
- CRIM 3304 Research Methods in Crime and Justice Studies
- CRIM 3319 Comparative Justice Systems
- CRIM 4311 Crime and Justice Policy
- CRIM 4322 Senior Research Seminar

III. Elective Requirements: 15 hours

Guided Electives (15 hours)

- Biology (6 hours): BIOL 4380 Cell and Molecular Biology Laboratory

Criminology Related Electives (9 hours)

- All students must complete at least 51 hours of upper-division courses to graduate. Freshman students are required to take UNIV 1010 and NATS 1101.

1. Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed in parentheses are recommended as the most efficient way to satisfy both Core Curriculum and Major requirements at UT Dallas.
2. Double majors may choose BIOL 4337, BIOL 4390, BIOL 4391, BIOL 4398, BIOL 4399, PSCI 3325, NATS 4310 or another approved Biology elective to fulfill the Core Curriculum Communication Elective.
3. A required Major course that also fulfills a Core Curriculum requirement. Hours are counted in Core Curriculum.
4. Six hours of Calculus are counted under Mathematics Core, and 2 hours of Calculus are counted as Major Preparatory Courses.
5. Indicates a prerequisite class to be completed before enrolling for upper-division classes.

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https://catalog.utdallas.edu/2013/undergraduate/programs/nsm/biology-criminology