School of Economic, Political and Policy Sciences

Criminology and Biology (Double Major) (BA)

Bachelor of Arts in Criminology and Biology (Double Major)

Degree Requirements (134-139 semester credit hours)

EPPS Faculty
- Professors: Bruce A. Jacobs, Alex R. Piquero, Nicole Leeper Piquero, John L. Worrall
- Associate Professors: Denise Paquette Boots, Tomislav Kovandzic, Lynne M. Vieraitis
- Clinical Professor: Elmer Polk
- Assistant Professors: Nadine Connell, Jonathan Maskaly, Andrew Wheeler
- Clinical Assistant Professor: Timothy M. Bray
- Senior Lecturer: Galia Cohen

NSM Faculty
- Professors: Bruce A. Jacobs, Alex R. Piquero, Nicole Leeper Piquero, John L. Worrall
- Professors Emeritus: Hans Bremer, Donald M. Gray, Claud S. Rupert
- Associate Professors: Denise Paquette Boots, Tomislav Kovandzic, Lynne M. Vieraitis
- Assistant Professors: Nikki Delk, Heng Du, Jung-whan (Jay) Kim, Faruck Morcos, Kelli Palmer, Duane D. Winkler, Zhenyu Xuan, Hyuntae Yoo
- Research Assistant Professors: Monique Duncan, Lan Guo
- Senior Lecturers: Irina Borovkov, Mehmet Candas, Vincent P. Cirillo, Brenna Hill, Wen-Ju Lin, Robert C. Marsh, David Murchison, Jing Pan, Elizabeth Pickett, Ruben D. Ramirez, Scott A. Rippel, Elizabeth L. Rugg, Ilya Sapozhnikov, Uma Srikanth, Michelle Wilson, Wen-Ho Yu
- Clinical Professor: Elmer Polk
- Assistant Professor: Nadine Connell
- Clinical Assistant Professor: Timothy M. Bray
Senior Lecturer: Galia Cohen

I. Core Curriculum Requirements: 42 semester credit hours

Communication: 6 semester credit hours

COMM 1311 Survey of Oral and Technology-based Communication
RHET 1302 Rhetoric

Mathematics: 3 semester credit hours
Choose one course from the following:
MATH 1325 Applied Calculus I
MATH 2413 Differential Calculus

Life and Physical Sciences: 6 semester credit hours
CHEM 1311 General Chemistry I
CHEM 1312 General Chemistry II

Language, Philosophy and Culture: 3 semester credit hours
Select any 3 semester credit hours from Language, Philosophy, and Culture core courses (see advisor)

Creative Arts: 3 semester credit hours
Select any 3 semester credit hours from Creative Arts core courses (see advisor)

American History: 6 semester credit hours
HIST 1301 U.S. History Survey to Civil War
HIST 1302 U.S. History Survey from Civil War
Or select any 6 semester credit hours from American history core courses (see advisor)

Government / Political Science: 6 semester credit hours
GOVT 2305 American National Government
GOVT 2306 State and Local Government

Social and Behavioral Sciences: 3 semester credit hours
Choose one course from the following:
 Component Area Option: 6 semester credit hours

- **MATH 2414** Integral Calculus
- or **STAT 2332** Introductory Statistics for Life Sciences
- or **EPPS 2302** Methods of Quantitative Analysis in the Social and Policy Sciences
- or **EPPS 2303** Descriptive and Inferential Statistics for the Social and Policy Sciences
- **ECON 2302** Principles of Microeconomics

II. Major Requirements: 77-82 semester credit hours

Criminology Major Preparatory Courses: 3-6 semester credit hours beyond Core Curriculum

- **CRIM 1301** Introduction to Criminal Justice
- **CRIM 1307** Introduction to Crime and Criminology
- **ECON 2301** Principles of Macroeconomics
- or **ECON 2302** Principles of Microeconomics

Criminology Core Courses: 24 semester credit hours

- **CRIM 3300** Crime and Civil Liberties
- **CRIM 3302** Advanced Criminology
- **CRIM 3303** Advanced Criminal Justice
- **CRIM 3310** Youth Crime and Justice
- **CRIM 4311** Crime and Justice Policy
- **CRIM 4322** Senior Research Seminar

And

Distributive Justice Focus

Choose one course from the following (3 semester credit hours):
CRIM 3301  Theories of Justice
SOC 4302  Class, Status and Power
SOC 4369  Public Health and Society
SOC 3325  Race, Ethnicity, and Community
ECON 4333  Environmental Economics

And

International or Comparative Focus

Choose one course from the following (3 semester credit hours):

    CRIM 3319  Comparative Justice Systems
    ECON 3369  Political Economy of Terrorism
    SOC 3336  Culture Regions
    SOC 4387  Religion in International Development

Biology Major Preparatory Courses: 18-20 semester credit hours beyond Core Curriculum

    CHEM 1111  General Chemistry Laboratory I
    CHEM 1112  General Chemistry Laboratory II
    CHEM 1311  General Chemistry I^3
    CHEM 1312  General Chemistry II^3
    CHEM 2123  Introductory Organic Chemistry Laboratory I^6
    CHEM 2125  Introductory Organic Chemistry Laboratory II^6
    CHEM 2323  Introductory Organic Chemistry I^6
    CHEM 2325  Introductory Organic Chemistry II^6
    MATH 2413  Differential Calculus and MATH 2414  Integral Calculus^3, 4, 5
    or MATH 1325  Applied Calculus I and either STAT 2332  Introductory Statistics for Life Sciences
    or EPPS 2302  Methods of Quantitative Analysis in the Social and Policy Sciences^3
    PHYS 2325  Mechanics and PHYS 2125  Physics Laboratory I
    or PHYS 1301  College Physics I and PHYS 2125  Physics Laboratory II
    PHYS 2326  Electromagnetism and Waves and PHYS 2126  Physics Laboratory II
    or PHYS 1302  College Physics II and PHYS 2126  Physics Laboratory II
    EPPS 1110  Freshman Seminar or NATS 1101  Natural Sciences and Mathematics Freshman Seminar^8
UNIV 1010 Freshman Seminar

Biology Major Core Courses: 32 semester credit hours

BIOL 2111 Introduction to Modern Biology Workshop I 6
BIOL 2112 Introduction to Modern Biology Workshop II 6
BIOL 2281 Introductory Biology Laboratory 6
BIOL 2311 Introduction to Modern Biology I 6
BIOL 2312 Introduction to Modern Biology II 6
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
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
or BIOL 3335 Microbial Physiology
BIOL 3380 Biochemistry Laboratory

III. Elective Requirements: 15 semester credit hours

Guided Electives: 15 semester credit hours

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

Criminology Related Electives: 9 semester credit hours

All students must complete at least 51 semester credit hours of upper-division courses to graduate.

1. Incoming freshmen must enroll and complete requirements of UNIV 1010 and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.
2. Curriculum Requirements can be fulfilled by other approved courses from institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.

3. A required Major course that also fulfills a Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.

4. Six semester credit hours of Calculus are counted under Mathematics Core and Component Area Option Core, and 2 semester credit hours of Calculus are counted as Major Preparatory Courses.

5. Students may substitute MATH 2413 and MATH 2414 by taking MATH 2417 and MATH 2419.

6. Indicates a prerequisite class to be completed before enrolling for upper-division classes.

7. To be taken upon completion of Criminology major core courses.

8. The double major of Criminology and Biology's total degree semester credit hours will be 135-140 if incoming freshmen take EPPS 1110 or NATS 1101.

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