School of Economic, Political and Policy Sciences

Criminology and Biology (Double Major) (BA)

Bachelor of Arts in Criminology and Biology (Double Major)

Degree Requirements [134-138 semester credit hours]¹ ²

EPPS Faculty

Professors: Denise Paquette Boots, Bruce A. Jacobs, Alex R. Piquero, Nicole Leeper Piquero, Lynne M. Vieraitis, John L. Worrall

Associate Professors: Nadine Connell, Tomislav Kovandzic

Clinical Professor: Elmer Polk

Assistant Professors: Jonathan Maskaly, Andrew Wheeler

Clinical Assistant Professor: Timothy M. Bray

Senior Lecturer: Galia Cohen

NSM Faculty

Professors: Lee A. Bulla, Rockford K. Draper, Juan E. González, Lawrence J. Reitzer, Stephen Spiro, Li Zhang, Michael Qiwei Zhang

Professors Emeritus: Hans Bremer, Donald M. Gray

Clinical Professor: David Murchison

Associate Professors: Gail A. M. Breen, John G. Burr, Jeff L. DeJong, Ernest M. Hannig, Tae Hoon Kim, Dennis L. Miller, Kelli Palmer, Zhenyu Xuan

Assistant Professors: Nikki Delk, Heng Du, Jung-whan (Jay) Kim, Faruck Morcos, Duane D. Winkler, Hyuntae Yoo

Research Assistant Professor: Lan Guo

Senior Lecturers: Irina Borovkov, Mehmet Candas, Vincent P. Cirillo, Brenna Hill, Wen-Ju Lin, Meenakshi Maitra, Robert C. Marsh, Jing Pan, Elizabeth Pickett, Ruben D. Ramirez, Scott A. Rippel, Elizabeth L. Rugg, Ilya Sapochnikov, Uma Srikanth, Michelle Wilson, Wen-Ho Yu

I. Core Curriculum Requirements: 42 semester credit hours³
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
or CHEM 1315 Honors Freshman Chemistry I
CHEM 1312 General Chemistry II
or CHEM 1316 Honors Freshman 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:

CRIM 1301 Introduction to Criminal Justice
CRIM 1307 Introduction to Crime and Criminology
ECON 2301 Principles of Macroeconomics
SOC 1301 Introduction to Sociology

Or select any 3 semester credit hours from Social and Behavioral Sciences core courses (see advisor)

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: 77-81 semester credit hours

Criminology Major Preparatory Courses: 3 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: 18-22 semester credit hours beyond Core Curriculum**

- CHEM 1111  General Chemistry Laboratory I
  - or CHEM 1115  Honors Freshman Chemistry Laboratory I
- CHEM 1112  General Chemistry Laboratory II
  - or CHEM 1116  Honor Freshman Chemistry Laboratory II
- CHEM 1311  General Chemistry I
  - or CHEM 1315  Honors Freshman Chemistry I
- CHEM 1312  General Chemistry II
  - or CHEM 1316  Honors Freshman Chemistry II
- CHEM 2123  Introductory Organic Chemistry Laboratory I
- CHEM 2125  Introductory Organic Chemistry Laboratory II
- CHEM 2323  Introductory Organic Chemistry I
- CHEM 2325  Introductory Organic Chemistry II
- MATH 2413  Differential Calculus and MATH 2414  Integral Calculus
  - 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 or EPPS 2303  Descriptive and Inferential Statistics for the Social and Policy Sciences
- PHYS 2325  Mechanics and PHYS 2125  Physics Laboratory I
  - or PHYS 2421  Honors Physics I - Mechanics and Heat and PHYS 2125  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 2422  Honors Physics II - 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 semester credit 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
- **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
  - 3 semester credit hours approved upper-division BIOL elective

**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. Degree is 135-139 semester credit hours if students are required to take the school related freshman seminar course.
3. 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.

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

5. 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.

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

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

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