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)

I. Core Curriculum Requirements: 42 semester credit hours

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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 Sapozhnikov, Uma Srikanth, Michelle Wilson, Wen-Ho Yu
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 4
MATH 2413  Differential Calculus 5, 6

Life and Physical Sciences: 6 semester credit hours

CHEM 1311  General Chemistry 4
  or CHEM 1315  Honors Freshman Chemistry 4
CHEM 1312  General Chemistry II 4
  or CHEM 1316  Honors Freshman Chemistry II 4

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 4, 7
CRIM 1307  Introduction to Crime and Criminology 4, 7
**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

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**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  Honor 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 EP
  PS 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

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
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.