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, Robert G. Morris II, Lynne M. Vieraitis

Clinical Professor: Elmer Polk

Assistant Professor: Nadine Connell

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, Claud S. Rupert

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

Assistant Professors: Nikki Delk, Heng Du, Jung-whan (Jay) Kim, 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 Srikant, Michelle Wilson, Wen-Ho Yu

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 3
  MATH 2413  Differential Calculus 3, 4, 5

Life and Physical Sciences: 6 semester credit hours
  CHEM 1311  General Chemistry I 3
  CHEM 1312  General Chemistry II 3

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 3, 6
  CRIM 1307  Introduction to Crime and Criminology 3, 6
  ECON 2301  Principles of Macroeconomics 3
  SOC 1301  Introduction to Sociology
Or select any 3 semester credit hours from Social and Behavioral Sciences core courses (see advisor)
advisor)

Component Area Option: 6 semester credit hours

MATH 2414 Integral Calculus\(^3,4,5\)

or STAT 2332 Introductory Statistics for Life Sciences\(^3\)

or EPPS 2302 Methods of Quantitative Analysis in the Social and Policy Sciences\(^3\)

or EPPS 2303 Descriptive and Inferential Statistics for the Social and Policy Sciences\(^3\)

ECON 2302 Principles of Microeconomics\(^3\)

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\(^3,6\)

CRIM 1307 Introduction to Crime and Criminology\(^3,6\)

ECON 2301 Principles of Macroeconomics\(^3\)

or ECON 2302 Principles of Microeconomics\(^3\)

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\(^7\)

And

Distributive Justice Focus

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

CRIM 3301 Theories of Justice

ECON 4330 Law and Economics

SOC 4302 Class, Status and Power

And

International or Comparative Focus

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

CRIM 3319 Comparative Justice Systems
ECON 4360 International Trade
PSCI 3350 Comparative Politics
SOC 3336 Culture Regions

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
CHEM 1312 General 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

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

UNIV 1010 Freshman Seminar

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

**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.