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
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:
**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)

### 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):

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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  
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 hour

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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