

School of Natural Sciences and Mathematics

Bachelor of Arts in Biology and Criminology (Double Major)

Degree Requirements (134-137 semester credit hours)[1](#), [2](#)

EPPS Faculty

FACG> epps-criminology-and-biology-ba

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

Associate Professor: Tomislav Kovandzic

Assistant Professor: Jonathan Maskaly

Clinical Professor: Elmer Polk

Associate Professor of Practice: Timothy M. Bray

NSM Faculty

FACG> nsm-criminology-and-biology-ba

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

Associate Professors: John G. Burr, Jeff L. DeJong, Heng Du, Tae Hoon Kim, Kelli Palmer, Duane D. Winkler, Zhenyu Xuan

Assistant Professors: Zachary Campbell, Nicole De Nisco, Nikki Delk, Jyoti Misra, Faruck Morcos

Professors Emeritus: Hans Bremer, Lee A. Bulla, Donald M. Gray

Associate Professors Emeritus: Gail A. M. Breen, Dennis L. Miller

Clinical Professor: David Murchison

Research Assistant Professors: Lan Guo, Li Liu

Assistant Professors of Instruction: Caitlin Braitsch, Ida Klang, Eva Sadat, Zhuoru Wu

Senior Lecturers: Mehmet Candas, Wen-Ju Lin, Meenakshi Maitra, Robert C. Marsh, Iti Mehta, Jing Pan, Elizabeth Pickett, Ruben D. Ramirez, Scott A. Rippel, Ilya Sapozhnikov, Subha Sarcar, 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 I⁴

[MATH 2413](#) Differential Calculus^{4, 5, 6}

Life and Physical Sciences: 6 semester credit hours

[CHEM 1311](#) General Chemistry I⁴

or [CHEM 1315](#) Honors Freshman Chemistry I⁴

[CHEM 1312](#) General Chemistry II⁴

or [CHEM 1316](#) Honors Freshman Chemistry II⁴

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

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 Macroeconomics⁴₋

[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^{4, 5, 6}_{- - -}

or [STAT 2332](#) Introductory Statistics for Life Sciences⁴₋

or [EPPS 2302](#) Methods of Quantitative Analysis in the Social and Policy Sciences⁴₋

[ECON 2302](#) Principles of Microeconomics⁴₋

II. Major Requirements: 77-80 semester credit hours

Biology Major Preparatory Courses: 18-21 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](#) Honors Freshman Chemistry Laboratory II

[CHEM 1311](#) General Chemistry I⁴₋

or [CHEM 1315](#) Honors Freshman Chemistry I⁴₋

[CHEM 1312](#) General Chemistry II⁴₋

or [CHEM 1316](#) Honors Freshman Chemistry II₄

[CHEM 2123](#) Introductory Organic Chemistry Laboratory I₇

[CHEM 2125](#) Introductory Organic Chemistry Laboratory II₇

[CHEM 2323](#) Introductory Organic Chemistry I₇

[CHEM 2325](#) Introductory Organic Chemistry II₇

[MATH 2413](#) Differential Calculus and [MATH 2414](#) Integral Calculus_{4, 5, 6}

or [MATH 1325](#) Applied Calculus I

and [STAT 2332](#) Introductory Statistics for Life Sciences

or [EPPS 2302](#) Methods of Quantitative Analysis in the Social and Policy Sciences₄

[PHYS 2325](#) Mechanics and [PHYS 2125](#) Physics Laboratory I

or [PHYS 2421](#) Honors Physics I - Mechanics and Heat₈

or [PHYS 1301](#) College Physics I and [PHYS 2125](#) Physics Laboratory I

[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 I₇

[BIOL 2112](#) Introduction to Modern Biology Workshop II₇

[BIOL 2281](#) Introductory Biology Laboratory₇

[BIOL 2311](#) Introduction to Modern Biology I₇

[BIOL 2312](#) Introduction to Modern Biology II₇

[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

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

[CRIM 1301](#) Introduction to Criminal Justice^{4, 7}

[CRIM 1307](#) Introduction to Crime and Criminology^{4, 7}

[ECON 2301](#) Principles of Macroeconomics⁴

or [ECON 2302](#) Principles of Microeconomics⁴

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 Seminar⁹

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

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 135-138 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 accredited

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. Students who complete PHYS 2421 do not need to complete PHYS 2125.

9. To be taken upon completion of Criminology core courses.

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