

The University of Texas at Austin

Bachelor of Science, Biology, Option 12: Genetics & Genomics, 120 Hours

2024-2026 Catalog Expires Summer 2032

Four-year Degree Suggestion (for planning purposes only)

Currently enrolled students should meet with their academic advisor

FIRST YEAR

Fall:

Core/Major: M 408C, M 408R or 408N (<i>Quantitative Reasoning flag</i>) (<i>Mathematics 1</i>)	4 hours
Core/Major: CH 301 (<i>Science & Tech - Natural Sciences 1</i>) (<i>May carry a flag</i>)	3 hours
Core/Major: BIO 311C (<i>Science & Tech - Natural Sciences 2</i>)	3 hours
Core: UGS 302 (<i>Writing flag</i>)/ 303 (<i>Institutionally Designated Option 1</i>) (<i>May carry a flag</i>)	3 hours
	Total 13 hours

Spring:

Major: M 408S ¹	4 hours
Core/Major: CH 302 (<i>Science & Tech - Natural Sciences 1</i>) (<i>May carry a flag</i>)	3 hours
Major: BIO 311D	3 hours
Major: BIO 206L	2 hours
Core: RHE 306 (<i>Communication1</i>)	3 hours
	Total 15 hours

Summer:

Opportunities:	
• Study Abroad	
• Internship	
• Research	
Course:	
• Core: GOV 310L (<i>Government I</i>)	3 hours

SECOND YEAR

Fall:

Major: CH 320M	3 hours
Major: BIO 325	3 hours
Major: CH 204	2 hours
Major: SDS 320E (<i>Quantitative Reasoning Flag</i>)(<i>Ethics Flag</i>)(<i>Independent Inquiry Flag</i>)	3 hours
Elective: (<i>May carry a flag</i>)	3 hours
	Total 14 hours

Spring:

Major: UD BCH/BIO/CH/C S/M/NEU/SDS ² (<i>CH 320N</i>)	3 hours
Major: UD BCH/BIO/CH/C S/M/NEU/SDS (<i>CH 220C</i>)	2 hours
Major: INB 370	3 hours
Major: UD MBS	3 hours
Core: VAPA (<i>Visual & Performing Arts 1</i>) (<i>May carry a flag</i>)	3 hours
	Total 14 hours

Summer:

Opportunities:	
• Study Abroad	
• Internship	
• Research	
Course:	
• Core: GOV 312L (<i>Government 1</i>)	3 hours

1 M 408S and M 408M are required if selected the M 408N sequence. If not needed, may take an elective.

2 See course options on 24-26 checklist.

THIRD YEAR

Fall:

Major: PHY 302K ³ & 105M	4 hours
Major: BCH 369	3 hours
Major: UD MBS	3 hours
Core: E 316L/M/N/P (<i>Humanities 1</i>) (<i>May carry a flag</i>)	3 hours
Elective: (<i>May carry a flag</i>)	3 hours
	Total 16 hours

Spring:

Major: PHY 302L & 105N	4 hours
Core: Soc & Behav Sci (<i>Social & Behavioral Science I</i>) (<i>May carry a flag</i>)	3 hours
Major: UD MBS	3 hours
Major: UD MBS	3 hours
Elective: (<i>May carry a flag</i>)	3 hours
	Total 16 hours

Summer:

Opportunities:

- Study Abroad
- Internship
- Research

FOURTH YEAR

Fall:

Major: Capstone (MBS 368R, BIO 377 or 379H)	3 hours
Major: UD MBS	3 hours
Major: UD MBS Lab	3 hours
Major: UD BCH/BIO/CH/C S/M/NEU/SDS	3 hours
Core: U.S. History (<i>History 1</i>) (<i>May carry a flag</i>)	3 hours
Major: MBS 175C	1 hour
	Total 16 hours

Spring:

Major: UD MBS	3 hours
Major: UD MBS	3 hours
Major: UDMBS Lab	3 hours
Major: UD BCH/BIO/CH/C S/M/NEU/SDS or Elective (<i>Hours may vary</i>)	3 hours
Core: U.S. History (<i>History 1</i>) (<i>May carry a flag</i>)	3 hours
	Total 15 hours

3 Other physics options are available.

LEGEND

Terms:

Major: As published in the Undergraduate Catalog.

Elective: Additional hours contributing to reach the degree plan total required hours.

Core: Required part of the 42-hour core curriculum.

UD BIO/MBS/Lab: Upper-division courses as published in the UG.