

The University of Texas at Austin
Bachelor of Science, Physics, Computation Option, 126 Hours
2022-2024 Catalog Expires Summer 2030

Four-year Degree Suggestion (for planning purposes only)

Currently enrolled students should meet with their academic advisor

FIRST YEAR

Fall:

Core/Major: M 408C (<i>Mathematics 1</i>) (<i>Quantitative Reasoning Flag</i>)	4 hours
Core/Major: CH 301 (<i>Science & Tech – Natural Sciences 2</i>) (<i>Quantitative Reasoning Flag</i>)	3 hours
Core: RHE 306 (<i>Communication I</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
Core: GOV 310L (<i>Government I</i>)	3 hours
	Total 16 hours

Spring:

Major: M 408D	4 hours
Core/Major: PHY 301 (<i>Science & Tech – Natural Sciences 1</i>) (<i>Quantitative Reasoning Flag</i>)	3 hours
Major: PHY 101L	1 hour
Major: CH 302 (<i>Quantitative Reasoning Flag</i>)	3 hours
Core: VAPA (<i>Visual & Performing Arts I</i>) (<i>May carry a flag</i>)	3 hours
Core: GOV 312L (<i>Government I</i>)	3 hours
	Total 17 hours

Summer:

Opportunities:

- Study Abroad
- Internship
- Course(s)

SECOND YEAR

Fall:

Major: M 427J (<i>Quantitative Reasoning Flag</i>)	4 hours
Core/Major: PHY 316 (<i>Science & Tech – Natural Sciences 1</i>) (<i>Quantitative Reasoning Flag</i>)	3 hours
Major: PHY 116L	1 hour
Major: CS 303E (<i>Quantitative Reasoning Flag</i>)	3 hours
General Ed: Foreign Lang or Culture (<i>May carry a flag</i>)	3-6 hours
Elective: (<i>May carry a flag</i>) ¹	3 hours
	Total 17 hours

Spring:

Major: M 427L	4 hours
Major: PHY 315 (<i>Quantitative Reasoning Flag</i>)	3 hours
Major: PHY 115L	1 hour
Major: CS 313E	3 hours
General Ed: Foreign Lang or Culture (<i>May carry a flag</i>)	3-6 hours
Elective: (<i>May carry a flag</i>)	3 hours
	Total 17 hours

Summer:

Opportunities:

- Study Abroad
- Internship
- Course(s)

¹ Elective may be needed if 3-hour Foreign Culture course is chosen instead of Foreign Language course

THIRD YEAR

Fall:

Major: PHY 355	3 hours
Major: PHY 336K	3 hours
Major: Upper Division Math ²	3 hour
Major: AST, BIO, or GEO (<i>May carry a flag</i>) ³	3 hours
Core: U.S. History (<i>History I</i>) (<i>May carry a flag</i>)	3 hours
	Total 15-16 hours

Spring:

Major: PHY 338K	3 hours
Major: PHY 353L	3 hours
Major: Upper Division Math	3 hours
Major: Scientific Computation Course ⁴	3 hours
Core: U.S. History (<i>History I</i>) (<i>May carry a flag</i>)	3 hours
	Total 15 hours

Summer:

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- Opportunities:
- Study Abroad
 - Internship
 - Course(s)

FOURTH YEAR

Fall:

Major: PHY 329	3 hours
Major: PHY 352K	3 hours
Major: Scientific Computation Course	3 hours
Core: Soc & Behav Sci (<i>Social & Behavioral Science 1</i>) (<i>May carry a flag</i>)	3 hours
Elective: (<i>May carry a flag</i>)	3 hours
	Total 15 hours

Spring:

Major: PHY 369	3 hours
Major: PHY 373	3 hours
Major: AST, BIO, or GEO (<i>May carry a flag</i>)	3-4 hours
Core: E 316L/M/N/P (<i>Humanities I</i>) (<i>May carry a flag</i>)	3 hours
Elective: (<i>May carry a flag</i>)	3 hours
	Total 15-16 hours

Summer:

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- Opportunities:
- Maymester
 - Final Course(s)

² SDS 329C and M 362K are recommended

³ Must be majors-level

⁴ Chosen from 2 areas as published in the Undergraduate Catalog

LEGEND

Terms:

Major: As published in the Undergraduate Catalog

Elective: Additional hours needed to reach the degree plan total required hours

General Education: As published in the Undergraduate Catalog under Prescribed Work

Core: Required, part of the 42 hour core curriculum