

# The University of Texas at Austin

## Bachelor of Science in Chemistry, Focus Area II: Molecular Theory and Simulation, 120 Hours 2020-2022 Catalog Expires Summer 2028

### Four-year Degree Suggestion (for planning purposes only)

Currently enrolled students should meet with their academic advisor

### FIRST YEAR

#### Fall:

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Core/Major: CH 301C ( <i>Science &amp; Tech – Natural Sciences I</i> ) ( <i>Quantitative Reasoning Flag</i> )	3 hours
Core/Major: M 408N or 408C ( <i>Mathematics I</i> )	4 hours
Core: RHE 306 ( <i>Communications I</i> )	3 hours
Core: VAPA ( <i>Visual &amp; Performing Arts 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
	Total 16 hours

#### Spring:

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Major: CH 302C ( <i>Science &amp; Tech – Natural Sciences I</i> ) ( <i>Quantitative Reasoning Flag</i> )	3 hours
Major: CH 317 ( <i>Quantitative Reasoning Flag</i> )	3 hours
Major: M 408S or M 408D	4 hours
Core: Soc & Behav Sci ( <i>Social &amp; Behavioral Science I</i> ) ( <i>May carry a flag</i> )	3 hours
Core: U.S. History ( <i>History I</i> ) ( <i>May carry a flag</i> )	3 hours
	Total 16 hours

#### Summer:

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- Opportunities:
- Study Abroad
  - Internship
- Course(s)
- M 408M if completing three course Calculus sequence.

### SECOND YEAR

#### Fall:

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Major: CH 328M and 128K or CH 320M	3-4 hours
Core/Major: PHY 301 ( <i>Science &amp; Tech – Natural Sciences I</i> ) and 101L	4 hours
Major: M 427J	4 hours
Core: E 316L/M/N/P ( <i>Humanities I</i> ) ( <i>May carry a flag</i> )	3 hours
	Total 14-15 hours

#### Spring:

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Major: CH 328N and CH 128K or CH 320N and CH 220C	4-5 hours
Major: PHY 316 ( <i>Science &amp; Tech – Natural Sciences I</i> ) and 116L	4 hours
Major: Statistics course ( <i>May carry a flag</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
	Total 14-15 hours

#### Summer:

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

### THIRD YEAR

#### Fall:

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Major: CH 353	3 hours
Major: SDS 322	3 hours
Core: GOV 310L ( <i>Government I</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
	Total 15 hours

**Spring:**

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Major: CH 153K ( <i>Writing Flag</i> )	1 hour
Major: CH 354	3 hours
Major: CH 354M	3 hours
Major: Focus Area Elective course	3 hours
Core: GOV 312L ( <i>Government I</i> )	3 hours
	Total 13 hours

**Summer:**

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Opportunities:

- Study Abroad
- Internship
- Course(s)

**FOURTH YEAR****Fall:**

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Major: CH 354C	3 hours
Major: SDS 335	3 hour
Major: Focus Area Elective course	3 hours
Core: U.S. History ( <i>History I</i> ) ( <i>May carry a flag</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
	Total 18 hours

**Spring:**

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Major: CH 378L	3 hours
Major: Focus Area Elective course	3 hours
Major: Focus Area Elective course	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
	Total 15 hours

**Summer:**

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Opportunities:

- Maymester
- Final Course(s)

**LEGEND****Terms:**

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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