

CORE CURRICULUM Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6l</i>	Minimum Hours Required
First Year Signature Course	3
English Composition	3
Humanities	3
American & Texas Government	6
American History	6
Social & Behavioral Science	3
Mathematics (Fulfilled by course in major)	0
Science & Technology-I (Fulfilled by courses in major)	0
Science & Technology-II (Fulfilled by courses in major)	0
Visual & Performing Arts	3

SKILLS & EXPERIENCE FLAGS Flags attached to courses are displayed in the online Course Schedule.	
Two Writing Flags:	<input type="checkbox"/> <input type="checkbox"/>
1. Core Writing Flag (cannot also fulfill another core curriculum requirement)	
2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i>	
One Quantitative Reasoning Flag	<input type="checkbox"/>
One Global Cultures Flag	<input type="checkbox"/>
One Cultural Diversity in the U.S. Flag	<input type="checkbox"/>
One Ethics and Leadership Flag	<input type="checkbox"/>
One Independent Inquiry Flag	<input type="checkbox"/>

TEACHING INSTRUCTION COURSEWORK	
HIS 329U or PHL 329U	3
UTS 101, 110	2
EDC 365C or UTS 350	3
EDC 365D or UTS 355	3
EDC 365E or UTS 360	3
EDC 651S (Topic 4: Secondary School Teaching Practicum: Science) and UTS 170	7
<i>Grades of at least C- are required in all courses in this section</i>	
Middle Grade Certification (Optional)	
EDP 363M (Topic 3: Adolescent Development) or PSY 301 and 304	3–6
EDC 339E	3
<i>Grades of at least C- are required in all courses in this section</i>	

INTRODUCTORY SCIENCE	Minimum Hours Required
M 408C & 408D or 408N & 408S & 408M	8–12
CH 301H or 301H, 302 or 302H, and 317	9
1 of the following organic chemistry sequences:	8
CH 328M & 128K, 328N & 128L CH 320M, 320N, and 220C	
<i>Note: Introductory science is substantially different for Option 4 (Chemistry Honors).</i>	
ELECTIVES	
Enough elective hours to reach 126 total	VARY
<i>(The number of elective hours needed may vary depending on course selections.)</i>	

ADDITIONAL GRADUATION REQUIREMENTS
<input type="checkbox"/> Minimum 21 upper-division hours in residence
<input type="checkbox"/> Minimum 12 upper-division CH hours in residence
<input type="checkbox"/> Minimum 60 hours in residence overall
<input type="checkbox"/> Minimum 36 upper-division hours
<input type="checkbox"/> 126 hours total overall
<input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses
<input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.5
<input type="checkbox"/> Must apply to graduate during final semester
<input type="checkbox"/> 2018–20 Catalog expires August 2026

See page 2
for Option 3
Teaching
Certifications

OPTION 3: TEACHING	Minimum Hours Required	Mathematics, Physical Science, and Engineering Certification	Minimum Hours Required
Complete all coursework in 1 of the following certifications:			
Composite Science Certification		1 of the following sequences: PHY 301, 101L, 316, 116L, 315, 115L PHY 303K, 103M, 303L, 103N, 315, 115L	12
1 of the following sequences*:	8	M 315C and 333L	6
PHY 317K, 117M, 317L, 117N PHY 303K, 103M, 303L, 103N PHY 301, 101L, 316, 116L		M 360M or 375D	3
* SCI 365, Physics by Inquiry, and PHY 108, Physics by Inquiry, may substitute for 2nd half of PHY sequence for Composite Science Certification only.		M 427J or 427K	4
BIO 311C, 311D	6	Engineering Design & Problem Solving ES 301	3
6 hours in GEO. Courses intended for nonscience majors may not be counted toward this requirement.	6	Project in Mechanical Engineering ME 377K <i>Note: Upon approval of the project by the UTeach Program</i>	3
To complete 12 hours in a 2nd science field, 1 of the following:	4–6	30 hours in CH, including:	14
6 additional hours of BIO 6 additional hours of GEO 4 additional hours of PHY Note: courses must be designed for science majors.		General and organic chemistry (in Introductory Science section) Biochemistry: BCH 369 Physical chemistry: CH 353 CH 153K Analytical chemistry: CH 455 CH 368 (Topic 1: Research Methods: UTeach)	
34 hours in CH, including:	17		
General and organic chemistry (in Introductory Science section) Biochemistry: BCH 369 or 339F Physical chemistry: CH 353 Analytical chemistry: CH 455 or 456 CH 368 (Topic 1: Research Methods: UTeach) 4 hours of additional CH			
Physical Sciences Certification			
1 of the following sequences:	12		
PHY 301, 101L, 316, 116L, 315, 115L PHY 303K, 103M, 303L, 103N, 315, 115L			
3 hours of upper-division PHY	3		
M 427J or 427K	4		
M 427L	4		
34 hours in CH, including:	21		
General and organic chemistry (in Introductory Science section) Biochemistry: BCH 369 or 339F Physical chemistry: CH 353 CH 153K CH 354L CH 154K Quantum chemistry: CH 354 Analytical chemistry: CH 455 or 456 CH 368 (Topic 1: Research Methods: UTeach)			