

Bachelor of Arts with a Major in Physics

2014-16 Catalog (Expires August 2022)

University Core Curriculum	Lacking
First-Year Signature Course: UGS 302 or 303 ____	
English: RHE 306 ____	
Humanities: One course chosen from E 316K (if taken prior to Fall 2014), 316L, 316M, 316N, 316P ____	
American & Texas Government: 6 hrs from approved core list ____ + ____	
American History: 6 hrs from approved core list ____ + ____	
Social and Behavioral Sciences: 3 hrs from approved core list ____	
Mathematics: 3 hrs from approved core list: ____ [may be satisfied by M 408N or 408C]	
Science and Technology Part I: 6 hrs in a single subject from approved core list: ____ + ____ [PHY 301 + PHY 316]	
Science and Technology Part II: 3 hrs from approved list in a subject other than the one chosen for Part I: ____ [CH 301 or 301H]	
Visual & Performing Arts: 3 hrs from approved core list ____	
Note that no single course may be used to fulfill two core areas simultaneously. In most cases, students may satisfy both a <i>core requirement</i> and a <i>major requirement</i> with a single course. Plan II students may have additional options for some core requirements.	
Additional General Education Requirements	Lacking
Two Writing Flags (must include a course that is not used to meet a core requirement and a course that is upper-division): ____ + ____ Quantitative Reasoning Flag Course: ____ Writing and Quantitative Reasoning Flag courses may satisfy other degree requirements.	
Foreign Language, Option A, B, C, or D: A. Certified proficiency in a placement or credit-by-exam test at or above the level of coursework listed below. B. Certified proficiency in a language placement test at or above the level of coursework listed below. C. A passing grade in an intermediate language course listed below: ASL 611C, 311D, or 312L; ARA 611C; BEN 312L; CHI 612 or 412L; CZ 611C or 412L; DAN 612; DCH 612; FR 611C; GER 612; (Classical) GK 312K or 412, (Biblical) GK 312L, (Modern) GK 610C or 310K; (Biblical) HEB 612C, (Modern) HEB 611C; HIN 312L; ITL 611C; JPN 611D; KOR 312L; LAT 312K; MAL 312L; NOR 612; PSH 312L; PRS 611C or PRS 612C; POL 312L; POR 611D; RUS 611C or 412L; SAN 312L; S C 312L; SEL 611C or 312L; SPN 611D, 612 or 312L; SWA 611C; SWE 612; TAM 312L; TEL 312L; TUR 611C; URD 312L; VTN 612 or 412L; YID 612; YOR 312L D. Contact the Texas Language Center for certifying proficiency in a language not listed above.	
Social Science: 3 hrs from a list maintained by College of Liberal Arts: ____	
Cultural Expression, Human Experience, and Thought: 3 hrs chosen from a list maintained by the College of Liberal Arts: ____	
Mathematics: 3 hrs in Mathematics, excluding M 301, 316K, and 316L [satisfied by 408D or equivalent]	N/A
Natural Science: 6 hrs in natural sciences, in addition to courses counted toward the core curriculum [courses taken for the major will fulfill this requirement].	N/A
Mathematics and Introductory Science with grades of C- or better	Lacking
Mathematics: M 408C ____ + M 408D ____ (or equivalent calculus sequence)	
Chemistry: CH 301 or 301H ____ + CH 302 or 302H ____ + CH 204 ____	
Physics: PHY 315 ____ + 115L ____	
Upper-division physics with grades of C- or better	Lacking
<i>Complete the following upper-division requirements in Physics:</i>	
PHY 355, Modern Physics and Thermodynamics: ____	
PHY 336K, Classical Dynamics: ____	
PHY 352K, Classical Electrodynamics I: ____	
PHY 353L, Modern Physics Laboratory: ____	
6 additional hours of upper-division physics: ____ + ____	
Minor requirements with grades of C- or better	Lacking
12 semester hours of coursework in mathematics, including at least 3 hours in upper-division differential equations and 3 additional hours of upper division: M 427K ____ + ____ + ____ + ____ <i>Note: M 408C and 408D, or alternative calculus sequences, may count as lower-division mathematics toward the 6 hours.</i>	
6 semester hours (including at least 3 upper-division) from one of the following areas: Biology, Chemistry, Geological Sciences, Philosophy, Psychology, or courses offered in the College of Education or the College of Engineering: ____ + ____ <i>Note: Courses used to fulfill specific degree requirements in the core curriculum and general education requirements – other than the writing flags – may NOT be used to fulfill this requirement.</i>	
Enough Additional Elective Hours to Reach a Total of 120 Hours (including 36 upper-division Hours)	Lacking

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Minimum Grade Point Average Requirements	Lacking
2.0 grade point average in all mathematics and science courses required by degree*: _____	
2.0 grade point average in all courses taken at the University of Texas at Austin: _____	
* Required mathematics and science courses may include: ACF, AST, BCH, BIO, CH, CS, EVS, GEO, HDF, HE, M, NEU, NSC, NTR, PBH, PHY, SSC, SDS, TXA, and UTS-Natural Sciences.	

Total Hours and Residency Requirements	Lacking
120 semester hours: ____	
36 upper-division hours: ____	
21 upper-division hours in residence: ____	
60 hours in residence: ____	
18 hours of the major, including 6 upper-division, in residence: ____	
<p>No more than 16 hours of electives may be taken Pass/Fail. No more than 42 hours in a single field of study may be counted toward the degree. No more than 3 three-hour courses in Air Force Science, Military Science, and Naval Science may be counted toward the degree. The following courses will not count toward this degree: M 301, KIN 119, or PED one-hour activity courses. Please check course descriptions of lower-division science courses not required for majors in the same field of study to see if they can or cannot count toward this degree.</p> <p>A student may not earn more than one Bachelor of Arts or Bachelor of Science and Arts degree from the University. A student may earn only one undergraduate degree in a particular field of study from the College of Natural Sciences. A student who holds a Bachelor of Arts or a Bachelor of Science and Arts degree from the university may earn a second major designation in another field of study that will appear on the University transcript.</p> <p>The title of the degree appears on the diploma, but the major does not. The title of the degree, the major, and the transcript-recognized certificate appear on the official transcript.</p>	