	SED .	-ED	5 N		⟨ED	-ED	5 N
CORE CURRICULUM / NATURAL SCIENCES FLAGS	MIN. HOURS REQUIRED	COURSE(S) FULFILLED	HOURS LACKING	LANGUAGE, ARTS, AND CULTURE	MIN. HOURS REQUIRED	COURSE(S) FULFILLED	HOURS LACKING
Core courses must be chosen from approved lists. bit.ly/1d6oP6l	IN. HOL	JURSE(유	12 hours chosen from at least 2 of the 4	N. HOU	URSE(오
First Year Signature Course	Σ	00		areas below. Credit by exam and courses counted toward the core curriculum may		00	
English Composition				not count. Fine Arts: DSN, ENS, FA, MUS, ART, VAS, TD,	12		.
Humanities				& Performance (instrument courses)			.
American & Texas Government				Humanities : AMS, AHC, ARH, CC, CL, E, HMN, PHL, RS, & RHE			
American History				Social & Behavioral Sciences : ANT, ECO, GRG, GOV, HIS, LIN, PSY, & SOC			
Social & Behavioral Science				Foreign Language or Culture: foreign language courses or culture courses chosen			
Mathematics (Fulfilled by course in major)				from an approved list. (Students who choose			-
Science & Technology-I (Fulfilled by courses in major)				foreign language must complete a one-year competency.) bit.ly/19Ao6pc			-
Science & Technology-II (Fulfilled by courses in major)							
Visual & Performing Arts				MINOR OR TRANSCRIPT-			
Three Writing Flags			-	RECOGNIZED CERTIFICATE Completion of a 15 hour minor OR an 18 to			
a. 1 required by Core (cannot combine with Core requirements)				24 hour transcript-recognized certificate.			
same course used for Core)			-	Minor: 15 Hours in a Single Field of Study	15		
,				(The Field of study CANNOT be in the College of Natural Sciences, the Jackson School			
One Additional Flag Ouantitative Reasoning	_		-	of Geosciences, or the Cockrell School of			-
Quantitative Neasoning			-	Engineering.)			-
				OR			-
PHYSICS MAJOR INTRODUCTORY AND ADVANCED CALCULUS				Transcript-Recognized Certificate	_		.
Mathematics (M) 408C & D or M 408N, 408S, & 408M	8-12		.	bit.ly/13WXM46 Restrictions: 1) a certificate cannot require			
				more than 3 hours that is also required in the major; & 2) a certificate cannot require			
				more than 6 hours in the major field of study.			-
Mathematics 427K and 427L							-
mathematics 42/K and 42/L	8		-	ELECTIVES			
			-	Enough elective hours to reach 120 total	van		
INTRODUCTORY PHYSICS	12		.	(The number of elective hours needed may	vary		-
PHY 301 and 101L PHY 316 and 116L				vary depending on course selections.)			-
PHY 315 and 115L							.
			-				.
			-				
CORE PHYSICS Classical Dynamics: Physics 336K	3						-
<u> </u>			-				-
Classical Electrodynamics: Physics 352K	3		-				-
Modern Physics & Thermodynamics: Physics 355	3		-			I	
Thermodynamics & Statistical Mechanics: Physics 369	3		.		<u></u>		
Quantum Physics: Physics 373	3		_	GRADUATION REQUIREMENT ☐ 2014–16 Catalog expires August 2022	5		
Complete 1 of the following:	3			☐ 120 hours total (at least 60 semester hours	s in re	sidence)	
Mathematics 340L; and Physics 329, 333, 338K,				☐ 24 out of last 30 hours in residence☐ Minimum grade of C- & minimum 2.0 GPA	in all N	Mathematics	s &
345, 353L, 362K, 362L, 474, 375S, 375R, or 375P.				Natural Sciences courses			
Complete 3 hours of majors-level coursework chosen from AST, BIO, CH, CS, and GEO, Choose a	3		-	☐ Minimum UT-Austin Grade Point Average o☐ Must apply to graduate during final semest			
course from the Science and Technology Part II core.				☐ May earn Honors Degree bit.ly/1dxhBGe			