

BA IN PHYSICS COURSE FLOWCHART

Freshman		Sophomore		Junior		Senior	
Fall (14 hrs)	Spring (15 hrs)	Fall (17 hrs)	Spring (16 hrs)	Fall (15 hrs)	Spring (15 hrs)	Fall (16 hrs)	Spring (12 hrs)
ENGL 1301 1st Year Writing I (See course placement criteria web page)	ENGL 1302 1st Year Writing II (ENGL 1301 or equiv)	HIST 1377 US Hist. I (No Prerequisite)	HIST 1378 US Hist. II (No Prerequisite)	GOVT 2305 US & TX Politics (No Prerequisite)	GOVT 2306 US Gov't (No Prerequisite)	NSM Capstone (Hours to go towards your capstone option, example is a minor) 3 hours	NSM Capstone (Hours to go towards your capstone option, example is a minor) 3 hours
Social and Behavioral Sciences (See core approved web page)*** 3 hours	CHEM 1312 Fund. of Chem. II (CHEM 1311)	MATH 2318 Linear Algebra (Credit or concurrent enrollment in MATH 2414)	PHYS 3110 Adv. Lab. Analysis (PHYS 2126 & PHYS 2326) Spring and Fall	MATH Elective (3000 or 4000 level) 3 hours	Creative Arts (See core approved web page)*** 3 hours	Language, Phil and Culture (See core approved web page)*** 3 hours	PHYS Elective (3000 or 4000 level) 3 hours
CHEM 1311 Fund. Of Chem. I (MATH 1314 & HS Chemistry or CHEM 1305)	CHEM 1112 Fund. Of Chem. Lab II (Credit or concurrent enrollment in CHEM 1312)	Foreign Language 1000 level 3 hours	Foreign Language 1000 level 3 hours	Foreign Language 2000 level 3 hours	Foreign Language 2000 level 3 hours	Free Elective 3 hours	Free Elective 3 hours
CHEM 1111 Fund. of Chem. Lab I (Credit or concurrent enrollment in CHEM 1311)	MATH 2414 Calculus II (MATH 2413)	MATH 2415 Calculus III (MATH 2414)	MATH 3331 Differential Eqn. (MATH 2415 & MATH 2318)	Phys Elective 3 hours	MATH Elective (3000 or 4000 level) 3 hours	PHYS Elective (3000 or 4000 level) 3 hours	Life and Physical Sciences *(See your advisor)* 3 hours
MATH 2413 Calculus I (MPE score of 65 or MATH 2312 or See course placement criteria web page)	PHYS 2325 Univ. Physics I (Credit or concurrent enrollment in MATH 2414)	PHYS 2326 Univ. of Physics II (Credit or concurrent enrollment in MATH 2415)	PHYS 3315 Modern Physics (PHYS 1301 and 1302, or PHYS 2326, and credit or concurrent enrollment in MATH 3331) Spring and Fall	Life and Physical Sciences *(See your advisor)* 3 hours	PHYS Elective (3000 or 4000 level) 3 hours	PHYS 3312 & PHYS 3112 Modern Optics and Lab (PHYS 2326 or, with consent of instructor, PHYS 1302 & MATH 2415; Credit or concurrent enrollment in PHYS 3110 & PHYS 3312) Spring Only	
	PHYS 2125 Univ. Physics Lab I (Credit or concurrent enrollment in PHYS 2325)	PHYS 2126 Physics Lab II (Credit or concurrent enrollment in PHYS 2326)	PHYS 3313 Adv. Lab I (PHYS 2126, PHYS 2326, and credit or concurrent enrollment in PHYS 3315 and 3110) Spring and Fall			OR PHYS 4421 Elect. Devices & App. (PHYS 2126) Fall Only	

*** Approved Core *** <https://www.uh.edu/academics/corecurriculum/>

** FYI ** Math Minor complete with 3 hours of 3000 level MATH and 3 hours of a 4000 level MATH (Satisfies NSM Capstone)

* 120 total hours/ 36 advanced hours

* 31 Physics hours (23 advanced Physics hours)

* 2.0 Cumulative GPA, 2.0 Major GPA, and 2.0 Minor GPA

- * Must have 6 hours of 2000 level or above in one foreign language
- * Meet with your advisor before registering for all classes

- * Last 30 hours must be taken at U of H
- * No more than 6 hrs in major course work below a C-