

BS in Physics Engineering Emphasis (770-158)

Core Courses <i>Take these courses during your first 3 semesters:</i>	MATH 215 PH 121 PH 123 PH 150 PH 220	4 3 3 1 <u>3</u> 14	Take these courses: PH 328 PH 332 PH 333 PH 336 PH 385	2 4 4 2 <u>2</u> 14	Internship/Research Courses Take 1 course: PH 398R PH 406	1 <u>1</u> <u>1</u>	Program Notes: <i>* No Grade Less than C- in Major Courses</i> <i>** There are prerequisites for ME 250, ME 360, and ME 425, but have similar physics equivalents. Students must ask for a waiver to these prerequisites, as per agreement with the ME department.</i> <i>* ME 250L is not required but would be beneficial and could be counted as an elective credit..</i>
Take these courses:	MATH 316 PH 250 PH 279 PH 291 PH 314	4 1 3 2 <u>3</u> 13	Take these courses: PH 412 PH 433 PH 473	3 3 <u>3</u> 9	Take this course: PH 488	<u>1</u> <u>1</u>	
			Take 1 course: PH 323 PH 324 PH 374 PH 375	3 3 3 <u>3</u> 3	Engineering Emphasis Courses Take these courses: ME 142 ME 250* ME 260* ME 425*	3 3 3 <u>3</u> 12	
Credit Requirements:				Tracks Available:			
Foundations				Fall/Winter			
Major				Winter/Spring (Freshman/Sophomore)			
Elective				Winter/Spring (Junior/Senior)			
Total				Spring/Fall (Freshman/Sophomore)			
				Spring/Fall (Junior/Senior)			

Graduation Plan BS in Physics - Engineering Emphasis (770-158)

Semester 1 Take these courses: PH 150 1 PH 121 3 Elective Credit 3 FDSCI 101 2 FDMAT 112 4 FDREL 121 or 122 2 15	Semester 2 Take these courses: MATH 215 4 PH 123 3 ME 142 3 FDENG 101 3 FDREL 121 or 122 2 15	Semester 3 Take these courses: ME 250 3 PH 220 3 PH 250 1 FDAMF 101 3 FDREL 200 2 FDENG 201 3 15	Semester 4 Take these courses: PH 291 2 PH 279 3 MATH 316 4 Elective Credit 3 FDREL Elective 2 14	Semester 5 Take these courses: PH 333 4 PH 328 2 PH 332 4 FDCA/FDWLD 3 Elective Credit 3 16
Semester 6 Take these courses: PH 385 2 PH 336 2 PH 314 3 ME 360 3 FDREL Elective 2 FDSCI Issues 3 15	Off-Track ***Choose 1: PH 398R or 1 PH 406 fall semester	Semester 7 Take these courses: PH 433 3 PH 412 3 ME 425 3 FDREL Scripture 2 Elective Credit 4 15	Semester 8 Take these courses: PH 473 3 PH 488 1 PH Elective 3 FDSCI Issues 3 FDCA/FDWLD 3 FDREL Scripture 2 15	Program Notes <i>*ME 250L is not required, but would be beneficial & could be counted as elective credit.</i> <i>**ME 250, 360, & 425 all have prereq's that the ME Department will waive if you've had the physics equivalent.</i>