

ENGINEERING (BSE)	
BS: ENGINEERING DEGREE PLAN (ENGR)	
UNIVERSITY REQUIREMENTS	
Please see the University Requirements section of this catalog (page 36).	
MAJOR REQUIREMENTS	
Engineering Physics	
PHYS 120 Engineering Physics I	(3) ¹
PHYS 121 Engineering Physics I Laboratory	(1) ¹
PHYS 122 Engineering Physics II	(3) ¹
PHYS 123 Engineering Physics II Laboratory	(1) ¹
Engineering	
ENGR 110/111 Introduction to Engineering	4
ENGR 220 Engineering Mechanics: Statics	3
ENGR 222 Engineering Mechanics: Dynamics	3
ENGR 335/336 Introduction to Electronics Lecture/Lab and ENGR 342/343	6
Fluid Dynamics, Mechanics of Materials, ENGR 481.....	9
ENGR 200-499.....	15
ENGR 430 Capstone/Design I	4
ENGR 432 Capstone/Design II	4
Physics	
PHYS 230/231 Modern Physics Lecture/Lab	4
Philosophy	
PHIL 379 Philosophy, Religion and Science	(3) ¹
Mathematics	
MATH 185 Calculus I	(3) ¹
MATH 186, 286, 361.....	9
Math/Science Selections	
College Level Math, Chemistry, Physics, or Biology.....	8
Economics	
ECON 261 Principles of Microeconomics	(3) ¹
Design	
DSGN 232 Digital Design Communication	3
TOTAL	72
¹ Hours (in parenthesis) may also fulfill university requirements and are not included in total major hours	
ELECTIVES	
Minimum.....	0-6
TOTAL MAJOR HOURS	72
OTHER GRADUATION REQUIREMENTS	
Minimum grade for PHYS or ENGR	C
Minimum GPA for graduation.....	2.00
Minimum advanced hours.....	33
Minimum total hours.....	128- 134
Courses numbered 0** do not count in minimum hours required for degree.	

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PHYS 300-499 (except PHYS 378, 379) or ENGR 300-499 (new ¶ courses) . 9 .

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CHEM 131/133 . 4¶

Comment [MMJ1]: DSGN 232 has been replaced with DSGN 245. Attached is the approval chart.

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CS 120, 130 . 6¶

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