



Recommended Course Sequence  
Bachelor of Science - Physics (0433)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
ENGL 101 College Writing Skills (3 Credits)	ENGL 102 Research Writing (3 Credits)	MATH 212 Calculus II (4 Credits)	PHYS 325 Modern Physics (3 Credits)	CHEM 240 Principles of Chemistry I (4 Credits)	CHEM 241 Principles of Chemistry II (4 Credits)	PHYS 425 Astrophysics I (3 Credits)	General Education Course (3 Credits)
PHYS 150 Physics Orientation (2 Credits)	General Education Course (3 Credits)	PHYS 321 University Physics II (4 Credits)	ENGR 304 Engineering Dynamics (3 Credits)	MATH 317 Intro to Differential Equations (3 Credits)	PHYS 449 Mathematical Methods of Physics (3 Credits)	PHYS 405 Modern Physics Lab (3 Credits)	General Education Course (3 Credits)
ENGR 201 Engineering Graphics (3 Credits)	MATH 211 Calculus I (4 Credits)	PHYS 323 Physical Measurements Lab II (1 Credit)	MATH 311 Calculus III (4 Credits)	PHYS 441 Thermal Physics (3 Credits)	PHYS 313 Digital Electronics (3 Credits)	PHYS 420 Mechanics I (3 Credits)	PHYS 453 Quantum Physics (3 Credits)
General Education Course (3 Credits)	PHYS 320 University Physics I (4 Credits)	ENGR 303 Engineering Statics (3 Credits)	General Education Course (3 Credits)	PHYS 430 Electricity & Magnetism (3 Credits)	MATH 275 Linear Algebra (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)
General Education Course (3 Credits)	PHYS 322 Physical Measurements Lab I (1 Credit)	CSCI 130 Principles of Programming I (3 Credits)	General Education Course (3 Credits)	General Education Course (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)

 General Education Requirements

 Required Supporting Courses

 Free Electives

 Major Foundation Requirements

 Major Courses

Effective Summer 2018