

# ME/Physics B.S. (Dual Degree) Suggested Physics Course Plan

This is a suggested course plan for required physics courses. Note: 6 credits of electives are required for graduation. They should be taken in the 3rd or 4th year. Course in italics are those required for the major and taught in different departments. **Note: this sheet does not replace meeting with your adviser. You should meet with your adviser each semester.**

Year 1:	
Fall	Spring
<i>MATH 1337 Calculus 1</i>	<i>MATH 1338 Calculus 2</i>
PHYS 1105 Mechanics Laboratory	PHYS 1106 Electricity and Magnetism Laboratory
PHYS 1303 Introductory Mechanics	PHYS 1304 Introductory E&M

Year 2:	
Fall	Spring
<i>MATH 2339 Calculus 3</i>	<i>MATH 2343 Differential Equations</i>
PHYS 3305 Modern Physics	PHYS 4321 Theoretical Methods

Year 3:	
Fall	Spring
<i>MATH 3353 Linear Algebra</i>	<i>STAT 4340 Stat Methods for Engineers</i>
PHYS 3344 Classical Mechanics	PHYS 4211 Advanced Laboratory Physics
PHYS 5382 Quantum Mechanics I	PHYS 5383 Quantum Mechanics II
(Elective)	(Elective)

Year 4:	
Fall	Spring
PHYS 3374 Thermo & Stat Mech	PHYS 4392 Electricity and Magnetism
(Elective)	(Elective)