



B.A. Program in Physics

FALL

WINTER

SPRING

First Year	PHYS 1001 General Physics I (5) MATH 1304 Calculus I (4) GE	PHYS 1002 General Physics II (5) MATH 1305 Calculus II (4) GE GE	PHYS 1003 General Physics III (5) MATH 2304 Calculus III (4) GE GE
Second Year	CHEM 1101 General Chemistry I (5) MATH 2101 Elements of Linear Algebra (4) GE GE	PHYS 3180 Computational Physics (4) CHEM 1102 General Chemistry II (5) MATH 3331 Differential Equations (4) GE	PHYS 3280 Electronics (4) GE GE
Third Year	PHYS 3101 Analytical Mechanics I (3) PHYS 3281 Experimental Physics (4) PHYS 3301 Quantum Mechanics I (3) GE	PHYS 3102 Analytical Mechanics II (3) PHYS 3302 Quantum Mechanics II (3) PHYS 4250 Selected Topics (1) GE GE	PHYS 4600 Solid State Physics (3) GE GE GE
Fourth Year	PHYS 3151 Thermal and Statistical Physics I (3) PHYS 4001 Electromagnetism I (3) PHYS 4250 Selected Topics (1) GE GE	PHYS 4002 Electromagnetism II (3) PHYS 4850 Undergraduate Research (1) GE GE GE	PHYS 4700 Modern Optics (3) PHYS 4950 Physics Capstone (1) GE GE

GE – General Elective

Students should seek advising from the Physics department quarterly.

A total of 3 units selected from PHYS 4250 and/or PHYS 4850 is required.

PHYS 3303 Quantum Mechanics III may be substituted for PHYS 4600 Solid State Physics.

PHYS 4003 Electromagnetism III may be substituted for PHYS 4700 Modern Optics.

PHYS 3383 Advanced Laboratory may be substituted for PHYS 3281 Experimental Physics.