

PHYSICS, BS

Course Sequencing

First Year

Fall		Hours
UNIV 1101	University Seminar I	1
COSC 1435	Introduction to Problem Solving with Computers I	4
MATH 2413	Calculus I	4
ENGL 1301	Writing and Rhetoric I	3
HIST 1301	U.S. History to 1865	3

Hours **15**

Spring

UNIV 1102	University Seminar II	1
MATH 2414	Calculus II	4
ENGL 1302	Writing and Rhetoric II	3
	or COMM 1311 or Foundation of Communication	
HIST 1302	U.S. History Since 1865	3
PHYS 2425	University Physics I	4

Hours **15**

Second Year

Fall		Hours
PHYS 2426	University Physics II	4
MATH 2415	Calculus III	4
	Language, Philosophy & Culture Core Requirement	3
	Creative Arts Core Requirement	3
POLS 2305	U.S. Government and Politics	3

Hours **17**

Spring

PHYS 3334	Modern Physics I	3
MATH 3315	Differential Equations	3
COSC 1436	Introduction to Problem Solving with Computers II	4
	Social and Behavioral Sciences Core Requirement	3
POLS 2306	State and Local Government	3

Hours **16**

Third Year

Fall		Hours
PHYS 3331	Mechanics I	3
PHYS 3332	Electromagnetism	3
PHYS 3490	Selected Topics	3
MATH 3311	Linear Algebra	3
	Elective	3

Hours **15**

Spring

PHYS 4330	Mathematical Methods for Physicists	3
PHYS 4340	Advanced Physics Lab	3
PHYS 3490	Selected Topics	3
	Support Field	3
	Elective	3

Hours **15**

Fourth Year

Fall

PHYS 4335	Quantum Physics	3
PHYS 4161	Physics Research Project	1
PHYS 3333	Thermodynamics	3
	Support Field	3
	Elective	3
	UL Support Elective	3

Hours **16**

Spring

PHYS 4337	Nuclear Physics	3
PHYS 4162	Physics Research Seminar	1
	UL Support Field	3
	UL Support Field	3
	Elective	3

Hours **13**

Total Hours **122**