

Physics Major 2016-2017

Required Coursework

<u>Semester 1</u>		<u>Semester 2</u>
PHYS 121, C-PN		PHYS 122
THRS 117, C-TF		PHIL 120, C-PF
MATH 131, C-QR		MATH 132
Elective/Minor/Core		Elective/Minor/Core

<u>Semester 3</u>		<u>Semester 4</u>
CHEM 105, C-PN or CSCI 110, C-QR		PHYS 321
MATH 233		MATH 310
PHYS 211		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core

<u>Semester 5</u>		<u>Semester 6</u>
PHYS 241		PHYS 352
PHYS 311		PHYS 352
Elective/Minor/Core		PHYS 411
Elective/Minor/Core		Elective/Minor/Core

<u>Semester 7</u>		<u>Semester 8</u>
PHYS 225		PHYS 250
Elective/Minor/Core		PHYS 499
Elective/Minor/Core		Elective/Minor/Core
Elective/Minor/Core		Elective/Minor/Core
		Elective/Minor/Core

Requirement Checklist

- ☐ PHYS 121 General Physics 1, C-PN
- ☐ PHYS 122 General Physics 2
- ☐ PHYS 211 Classical Mechanics
- ☐ PHYS 225 Electronics
- ☐ PHYS 241 Modern Physics
- ☐ PHYS 250 Advanced Laboratory
- ☐ PHYS 311 Thermal Physics
- ☐ PHYS 321 Electricity and Magnetism
- ☐ PHYS 352 Optical and Atomic Physics
- ☐ PHYS 411 Quantum Mechanics
- ☐ PHYS 499 Senior Exam (0cr)
- ☐ CHEM 105 General Chemistry 1, C-PN or
CSCI 110 Introduction to Computer Programming, C-QR
- ☐ MATH 131 Calculus and Analytical Geometry 1, C-QR
- ☐ MATH 132 Calculus and Analytical Geometry 2
- ☐ MATH 233 Calculus and Analytical Geometry 3
- ☐ MATH 310 Differential Equations

Recommended Electives: PHYS 492, CHEM 107, MATH 303, MATH 313, MATH 315, MATH 321.