



# PHYSICS

*Bachelor of Science / Regis College*

*Sample Course Sequence*

## Year 1

### FALL SEMESTER

RCC 200	First Year Seminar	3 CH
CORE	Distributive Core	3 CH
CH 210+ CH211	General Chemistry I+Lab	5 CH
MT 360A	Calculus I	4 CH

### SPRING SEMESTER

CORE	Distributive Core C-Course	3 CH
CORE	Distributive Core	3 CH
CH 230+ CH 231	General Chemistry II+Lab	5 CH
MT 360B	Calculus II	4 CH

## Year 2

### FALL SEMESTER

RCC 400D	Diversity & Cultural Tradition	3 CH
CS 210	Introduction to Programming	3 CH
PH 304A+ PH 305A	General Physics with Calculus I+Lab	4 CH
MT 360C	Calculus III	4 CH

### SPRING SEMESTER

CORE	Distributive Core	3 CH
CORE	Distributive Core	3 CH
CORE	Distributive Core	3 CH
PH 304B+ PH 305B	General Physics with Calculus II+Lab	4 CH
MT 463	Differential Equations	3 CH

## Year 3

### FALL SEMESTER

CORE	Foreign Language Core	4 CH
CORE	Distributive Core	3 CH
PH 420	Electronics with Laboratory	4 CH
PH 465	Statistical Mechanics and Thermodynamics	3 CH

### SPRING SEMESTER

RCC 410E	Global Environmental Awareness	3 CH
CORE	Foreign Language Core	4 CH
CORE	Distributive Core	3 CH
PH 408	Analytical Mechanics and Special Relativity	3 CH
PH 460	Quantum Theory and Spectroscopy	3 CH

## Year 4

### FALL SEMESTER

RCC 420J	Justice and the Common Good	3 CH
CORE	Distributive Core	3 CH
PH 410	Electricity and Magnetism	3 CH
PH 451	Modern Physics and Laboratory and Seminar	2 CH
PH 475	Physics Capstone Seminar	1 CH
	Elective	3 CH

### SPRING SEMESTER

RCC 430M	Search for Meaning	3 CH
PH 4**	Upper-Division Elective	3 CH
	Elective	3 CH
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<b>Major Requirement</b>	<b>55</b>
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<b>Core</b>	<b>50</b>
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<b>Elective</b>	<b>15</b>
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<b>TOTAL CREDIT HOURS</b>	<b>120</b>
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*Students should work with their advisor to map out their specific degree sequence based on course offerings and availability. Distributive Core includes 9 courses: EC 200, FAC 201, EN 250, 200-level HS, PL 270, RT 201, 300-level RT, Social Science, COM 250/251 or 252.*

