



BIOCHEMISTRY

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 + CH 211	General Chemistry I + Lab	5 CH
MT 360A	Calculus 1	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
CORE	Distributive Core	3 CH
CH 250 + CH 251	Organic Chemistry I + Lab	5 CH
PH 304A + PH 305A	Physics with Calculus I + Lab	4 CH

SPRING SEMESTER

CORE	Distributive Core	3 CH
CORE	Distributive Core	3 CH
CH 420 + CH 421	Organic Chemistry II + Lab	5 CH
PH 304B + PH 305B	Physics with Calculus II + Lab	4 CH

Year 3

FALL SEMESTER

CORE	Foreign Language Core	4 CH
CORE	Distributive Core	3 CH
CORE	Distributive Core	3 CH
CH 410	Quantitative Analysis Lab	2 CH
CH 452A	Biochemistry 1	3 CH
CH 485	Junior Chemistry Seminar	1 CH

SPRING SEMESTER

CORE	Foreign Language Core	4 CH
RCC 420J	Justice and the Common Good	3 CH
CH 440	Instrumental Analysis	2 CH
CH 441	Instrumental Analysis Lab	2 CH
CH 452B	Biochemistry 2	3 CH
CH 453	Biochemistry Lab	2 CH

Year 4

FALL SEMESTER

RCC 430M	Search for Meaning	3 CH
CORE	Distributive Core	3 CH
CH 430A	Thermodynamics & Kinetics	3 CH
CH 428	Synthesis and Characterization Laboratory	2 CH
	Elective	3 CH

SPRING SEMESTER

RCC 410E	Global Environmental Awareness	3 CH
CH 495	Senior Chemistry Seminar	1 CH
BL 4** + BL 4** Lab	400-Level Molecular Biology + Lab Elective	4 CH
	Elective	3 CH
	Elective	3 CH

Major Requirement

61

Core

50

Elective

9

TOTAL CREDIT HOURS

120

Students should work with their advisor to map out their specific degree sequence based on course offerings and availability. Distributive Core (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.

