

BIOLOGY (B.S.) LEADING TO PHARM.D.

Biology (B.S.) majors in the 3+3 pharmacy dual degree complete a minimum of 120 credits to earn a bachelor's degree: 49–51 credits of core courses (<https://catalog.salve.edu/undergraduate/curriculum-degree-programs/>), 22–33 elective credits, and 83–84 credits (26 courses) in their major (includes courses taken at St. Joseph that transfer over to Salve Regina University to complete B.S. requirements):

Code	Title	Credits
BIO-111	General Biology I	4
BIO-112	General Biology II	4
BIO-210	Microbiology	4
BIO-220	Cell Biology and Chemistry	4
BIO-253	Genetics: Classical, Molecular and Population	4
BIO-305	Human Anatomy	4
BIO-325	Human Physiology	4
BIO-471	Biology Seminar	3
CHM-113	General Chemistry I	4
CHM-114	General Chemistry II	4
CHM-205	Organic Chemistry I	4
CHM-206	Organic Chemistry II	4
MTH-191 or MTH-195	Applied Calculus Calculus I	3-4
STA-173	Statistical Methods	3
PHY-201	General Physics I	4
PHY-202	General Physics II	4
ECN-101	Introductory Macroeconomics	3
Total Credits		64-65

Degree Plan for Biology (B.S.) Leading for Pharm.D.

Course	Title	Credits
First Year		
Fall		
UNV-101 & FYT-101	University Seminar and First Year Studio	4
BIO-111	General Biology I	4
CHM-113	General Chemistry I	4
MTH-191 or MTH-195	Applied Calculus or Calculus I	3-4
	Credits	15-16
Spring		
UNV-102	University Seminar II	3
BIO-112	General Biology II	4
CHM-114	General Chemistry II	4
STA-173	Statistical Methods	3
ECN-101	Introductory Macroeconomics	3
	Credits	17
Second Year		
Fall		
RTS-225 or PHL-225	The Quest for the Ultimate: Dialogue with Global Religious Traditions ¹ or Quest for the Good Life	3
BIO-220	Cell Biology and Chemistry	4
CHM-205	Organic Chemistry I	4
Literature Core Course		3

Foreign Language Core Course		3
Credits		17
Spring		
RTS-225 or PHL-225	The Quest for the Ultimate: Dialogue with Global Religious Traditions ¹ or Quest for the Good Life	3
CHM-206	Organic Chemistry II	4
BIO-253	Genetics: Classical, Molecular and Population	4
Foreign Language Core Course		3
Visual & Performing Arts Core Course		3
Credits		17
Third Year		
Fall		
BIO-210	Microbiology	4
BIO-305	Human Anatomy	4
PHY-201	General Physics I	4
History Core Course		3
Religious & Theological Studies Core Course		3
Credits		18
Spring		
BIO-471	Biology Seminar	3
BIO-325	Human Physiology	4
PHY-202	General Physics II	4
Social Science Core Course		3
Philosophy Core Course		3
Credits		17
Fourth Year		
Fourth Year at University of Saint Joseph		
PHRM700	Introduction to the Profession of Pharmacy ²	3
PHRM712	Biochemical Principles in Healthcare ^{1 2}	3
PHRM735	Evidence-based Practice 1	3
PHRM729	Pharmacy Law 1	2
PHRM704	Dosage Form Design and Calculations ^{1 2}	4
PHRM706	Dosage Form Design and Calculations Laboratory	1
PHRM705	Dosage Form Design and Calculations 2	4
PHRM709	Immunization Certification	2
PHRM771	Introductory Pharmacy Practice Experience 1	2
PHRM713	Biochemical Principles in Healthcare ^{2 2}	3
PHRM720	Pharmacy Administration and Pharmacoeconomics	4
PHRM715	Fundamentals of Drug Action ^{1 2}	2
PHRM730	Patient Care Pharmacy Practice 1	3
PHRM708	Basic and Applied Pharmacokinetics ²	4
PHRM731	Patient Care Pharmacy Practice 2	3
PHRM734	Operational Pharmacy Practice Laboratory	1
PHRM736	Evidence-based Practice 2	2
Credits		46
Fifth Year		
University of St. Joseph ³		
Credits		0
Sixth Year		
University of St. Joseph ³		
Credits		0
Total Credits		147-148

¹ One each semester

² University of Saint Joseph course will transfer to Salve Regina University to count toward Biology electives for B.S. degree.

³ Courses for years five and six to meet degree requirements will be specified by University of Saint Joseph.

Minimum of 120 credits required for undergraduate degree conferral.