

BIOCHEMISTRY (B.A.) LEADING TO PHARM.D.

Salve Regina University along with the University of Saint Joseph offers a pathway for students to earn their Doctor of Pharmacy in six years. Students complete three years of study in biochemistry at Salve Regina, followed by three years in Saint Joseph's Pharm.D. program. Before conferral of the B.A. in Biochemistry from Salve Regina University, the student must request that University of Saint Joseph forward transcripts to verify completion of all required course work. See Pharmacy Dual Degree (<https://catalog.salve.edu/undergraduate/academic-programs/pharmacy-3-3-dual-degree/>) for more information.

Biochemistry (B.A.) 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/>), 59 credits (15 courses) in their major, and 15–17 elective credits:

Code	Title	Credits
Required Courses		
CHM-113	General Chemistry I	4
CHM-114	General Chemistry II	4
BIO-112	General Biology II	4
BIO-210	Microbiology	4
BIO-220	Cell Biology and Chemistry	4
BIO-305	Human Anatomy	4
BIO-325	Human Physiology	4
CHM-205	Organic Chemistry I	4
CHM-206	Organic Chemistry II	4
BCH-403	Biochemistry	4
Select one Chemistry course from the following:		
CHM-305	Physical Chemistry I	4
CHM-408	Inorganic Chemistry	4
CHM-301	Analytical Chemistry	4
CHM-309	Instrumental Analysis	4
Mathematics and Physics		
MTH-195	Calculus I	4
MTH-196	Calculus II	4
PHY-205	Principles of Physics I	4
STA-173	Statistical Methods	3
Total Credits		59

Degree Plan for Biochemistry (B.A.) Leading to Pharm.D.

Course	Title	Credits
First Year		
Fall		
UNV-101 & FYT-101	University Seminar and First Year Studio	4
CHM-113	General Chemistry I	4
MTH-195	Calculus I	4
ECN-101	Introductory Macroeconomics	3
Foreign Language Core Course		3
Credits		18

Spring		
Foreign Language Core Course		
UNV-102	University Seminar II	3
CHM-114	General Chemistry II	4
BIO-112	General Biology II	4
MTH-196	Calculus II	4
Credits		18

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
Cell Biology, Analytical Chemistry or Physical Chemistry Course		
CHM-205	Organic Chemistry I	4
Literature Core Course		
Visual & Performing Arts Core Course		
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
Cell Biology, Analytical Chemistry or Physical Chemistry Course		
CHM-206	Organic Chemistry II	4
History Core Course		
Psychology Core Course		
Credits		17

Third Year		
Fall		
BIO-305	Human Anatomy	4
BCH-403	Biochemistry	4
PHY-205	Principles of Physics I	4
CHM-410	Topics in Chemistry and Research Capstone	3
Credits		15

Spring		
BIO-210	Microbiology	4
BIO-325	Human Physiology	4
Religious & Theological Studies Core Course		
Philosophy Core Course		
STA-173	Statistical Methods	3
Credits		17

Fourth Year		
Fourth Year Courses at University of Saint Joseph that Transfer to Salve Regina University		
PHRM-700: Introduction to Healthcare and Population Health		3
PHRM-704: Dosage Form Design and Calculations 1		4
PHRM-715: Fundamentals of Drug Action 1		2
PHRM-712: Biochemical Principles in Healthcare 1		3
PHRM-713: Biochemical Principles in Healthcare 2		3
PHRM-720: Pharmacy Administration and Pharmacoeconomics		4
PHRM-708: Basic and Applied Pharmacokinetics		4
Credits		23

Fifth Year		
Fifth at University of Saint Joseph		
Credits		0

Sixth Year		
Sixth Year at University of Saint Joseph		
Credits		0
Total Credits		125

¹ One each semester.

² These University of Saint Joseph courses will transfer to Salve Regina University to count toward Biochemistry courses for B.A.

2 Biochemistry (B.A.) Leading to Pharm.D.

degree. Additional courses for years four, five, and six to meet degree requirements will be specified by University of Saint Joseph.

Minimum of 120 credits required for undergraduate degree conferral.