

# ACCELERATED 3+ PRE- PODIATRIC MEDICINE CONCENTRATION, BIOLOGICAL SCIENCES (BA)

This Accelerated 3+ Program is only for qualified Pathways Honors students who are majoring in one of the select College of Science and Health academic programs, and who have been conditionally accepted into the corresponding pre-professional program at Rosalind Franklin University of Medicine and Science (<https://www.rosalindfranklin.edu/>) (RFUMS). To pursue any of the pre-professional Accelerated 3+ Programs, a student must apply and coordinate carefully with the Pre-Health Advisor and Pre-Health Advising Committee (PAC). Email [CSHPreHealth@depaul.edu](mailto:CSHPreHealth@depaul.edu) for information.

Students formally accepted into this Accelerated 3+ Program will complete their fourth year of coursework at RFUMS and apply the credit toward their bachelor's degree in the College of Science and Health at DePaul. Students must apply for degree conferral via Campus Connect by the deadline outlined in the Student Handbook to be considered a candidate for earning their bachelor's degree at the conclusion of their fourth year of study. The senior residency requirement will continue to be automatically waived for them, and they will earn at least 192 credit hours. Students must meet regularly with the Pre-Health Advisor to carefully plan their schedules. Please visit the Pathways Honors Program (<https://csh.depaul.edu/academics/pre-health-program/pathways-honors-program/Pages/default.aspx>) site for more information about eligibility requirements.

## Required Courses

Course	Title	Quarter Hours
BIO 191	GENERAL BIOLOGY I FOR SCIENCE MAJORS <sup>1</sup>	4
BIO 192	GENERAL BIOLOGY II FOR SCIENCE MAJORS <sup>1</sup>	4
BIO 193	GENERAL BIOLOGY III FOR SCIENCE MAJORS <sup>1</sup>	4
BIO 206	BIostatistics <sup>1</sup>	4
CHE 130 & CHE 131	GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY <sup>2</sup>	4
CHE 132 & CHE 133	GENERAL CHEMISTRY II and GENERAL CHEMISTRY LABORATORY II <sup>2</sup>	4
CHE 134 & CHE 135	GENERAL CHEMISTRY III and GENERAL CHEMISTRY LABORATORY III <sup>2</sup>	4
CHE 230 & CHE 231	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY LABORATORY I	4
CHE 232 & CHE 233	ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY LABORATORY II	4

CHE 234 & CHE 235	ORGANIC CHEMISTRY III and ORGANIC CHEMISTRY LABORATORY III	4
PHY 150	GENERAL PHYSICS I	4
PHY 151	GENERAL PHYSICS II	4
PHY 152	GENERAL PHYSICS III	4
<b>Total Hours</b>		<b>52</b>

<sup>1</sup> This course also fulfills one of the Major Requirements for the BA in Biological Sciences.

<sup>2</sup> Both of these courses also fulfill two of the Major Requirements for the BA in Biological Sciences.

## Choose THREE from the list below: at least ONE must be 300-level (research courses are encouraged).

Electives taken here also fulfill Biology Majors-level Electives in the Major Requirements for the BA in Biological Sciences.

Course	Title	Quarter Hours
BIO 201 or BIO 270	HUMAN ANATOMY COMPARATIVE VERTEBRATE ANATOMY	4
BIO 210	MICROBIOLOGY	4
BIO 215	ECOLOGY	4
BIO 220	BIOTECHNOLOGY	4
BIO 235	EVOLUTION	4
BIO 225	PHYSIOLOGY OF POVERTY	4
BIO 250	CELL BIOLOGY	4
BIO 260	GENETICS	4
BIO 299	INTRODUCTION TO RESEARCH	4
BIO 301	ANIMAL BEHAVIOR	4
BIO 306	RESEARCH METHODS & APPLIED BIostatISTICS	4
BIO 308 or BIO 307 or BIO 309	HUMAN PHYSIOLOGY ANIMAL PHYSIOLOGY PLANT PHYSIOLOGY	4
BIO 311	HISTOLOGY	4
BIO 315	TOPICS IN ECOLOGY	4
BIO 317	AQUATIC BIOLOGY	4
BIO 318	FIELD STUDIES IN MARINE AND ESTUARINE BIOLOGY	4
BIO 319	TOPICS IN BEHAVIORAL PARASITOLOGY	4
BIO 320	ADVANCED MICROBIOLOGY	4
BIO 321	MOLECULAR METHODS IN ECOLOGY AND EVOLUTION	4
BIO 331	TOPICS IN DEVELOPMENTAL BIOLOGY	4
BIO 335	CONCEPTS IN EVOLUTION	4
BIO 339	CELLULAR NEUROBIOLOGY	4
BIO 360	MOLECULAR BIOLOGY	4
BIO 330	DEVELOPMENTAL BIOLOGY	4
BIO 332	POPULATION ECOLOGY	4
BIO 340	BEHAVIORAL NEUROSCIENCE	4
BIO 342	COGNITIVE NEUROSCIENCE	4
BIO 345	TOPICS IN PALEOBIOLOGY	4
BIO 347	TOPICS IN MEDICAL BACTERIOLOGY	4

BIO 348	THE BIOLOGY OF INFECTION	4
BIO 349	TOPICS IN MICROBIOLOGY AND BIOTECHNOLOGY	4
BIO 352	ADVANCED COMPARATIVE PHYSIOLOGY	4
BIO 355	GENETIC TOXICOLOGY	4
BIO 361	TOPICS IN MOLECULAR BIOLOGY	4
BIO 362	ADVANCED GENETIC ANALYSIS	4
BIO 365	PRINCIPLES OF TOXICOLOGY	4
BIO 370	IMMUNOBIOLOGY	4
BIO 375	INTRODUCTION TO PHARMACOLOGY	4
BIO 380	CANCER BIOLOGY	4
BIO 381	TOPICS IN CANCER	4
BIO 385	MAMMALIAN REPRODUCTION	4
BIO 386	ENDOCRINOLOGY	4
BIO 388	RESEARCH METHODS IN BIOLOGY	4
BIO 389	RESEARCH IN FIELD BIOLOGY	4
BIO 390	SPECIAL TOPICS	4
BIO 399	INDEPENDENT STUDY - RESEARCH	4

### Research Courses

Course	Title	Quarter Hours
BIO 299	INTRODUCTION TO RESEARCH	4
BIO 307	ANIMAL PHYSIOLOGY	4
BIO 318	FIELD STUDIES IN MARINE AND ESTUARINE BIOLOGY	4
BIO 320	ADVANCED MICROBIOLOGY	4
BIO 321	MOLECULAR METHODS IN ECOLOGY AND EVOLUTION	4
BIO 362	ADVANCED GENETIC ANALYSIS	4
BIO 388	RESEARCH METHODS IN BIOLOGY	4
BIO 389	RESEARCH IN FIELD BIOLOGY	4
BIO 399	INDEPENDENT STUDY - RESEARCH	4