

2026-27 Schedule for Biochemistry Graduate Courses

FALL 2026

<u>Course</u>	<u>Title</u>	<u>Director(s)</u>
BIOC 407	Introduction to Biochemistry: From Molecules to Medical Science	Dr. Arvidson
BIOC 410	Microbial Physiology and Therapeutic Opportunities	Dr. Wang
BIOC 434	Structural and Computational Biology	Drs van den Akker and Yee
BIOC 445	Metabolic Regulation, Dysregulation, and Disease	Dr. Arvidson
BIOC 450	Molecular Basis of Cancer	Dr. Howell
BIOC 460	Advanced Technologies for Cancer Research	Dr. Danielpour
**BIOC 500	Biotechnology Laboratory: Molecular Biology Basics	Dr. Wang
BIOC 501	Biochemical and Cellular Techniques for Biotechnology	Drs van den Akker and Kao
***BIOC 503	Biotechnology Laboratory: CRISPR	Dr. Howell
BIOC 511	Practice and Professionalism in Biotechnology	Dr. Yee
BIOC 611	Biochemistry Seminar I	Drs Cao and Hubert

SPRING 2025

<u>Course</u>	<u>Title</u>	<u>Director(s)</u>
BIOC 408	Molecular Biology	Dr. Howell
BIOC 411	Antimicrobial Therapies and Resistance	Dr. Wang
BIOC 412	Proteins and Enzymes	Dr. Wang
BIOC 415	Lipids, Membranes, and Membrane Proteins	Dr. Arvidson
BIOC 444	Molecular Endocrinology	Dr. Arvidson
BIOC 453	Biochemical Pathways in Cancer Therapeutics	Dr. Howell
**BIOC 502A	Biotechnology Laboratory: Molecular Biology and Biochemical Techniques	Dr. Wang
**BIOC 502B	Biotechnology Laboratory: Eukaryotic Molecular and Cellular Biology	Dr. Arvidson
BIOC 611	Biochemistry Seminar I	Drs Cao and Hubert
BIOC 612	Biochemistry Seminar II	Drs Luna and Zhang

* Change of semester

** Preference given to Biochemistry students and MS Biotechnology students