

Courses offered by the Biology Department during the summer of 2025

Maymester

Number	Course	Instructors	Prerequisites	Credit hours	Comments
447	Cell Biology	A. Maddox	205 or 103+104+240	(3)	IP
447L	Cell Biology lab	A. Maddox	Co-req 447	(1)	IP
476	Avian Biology	Sockman	103+104	(3)	IP

First Summer Session

Number	Course	Instructors	Prerequisites	Credit hours	Comments
101	Principles of Biology	Claytor		(3)	IP
101L	Introductory Biology Lab	Stegenga	101, co- or pre- req	(1)	IP
103	How Cells Function	Kimball	101	(3)	IP
104	Biodiversity	Parker	101	(3)	RM
105L	Biological Research Skills	Hastie	101/L	(1)	IP
220	Molecular Genetics	Zwemer	103	(3)	RM
250	Evolutionary Biology	Deconinck	104	(3)	RS
252	Human Anatomy and Physiology	Watts	101 and 101L	(3)	IP
252L	Human Anatomy and Physiology Lab	Johnson	101L, co-req 252	(1)	IP
272	Local Flora	Fuller	101 and 101L	(3)	IP
272L	Local Flora lab	Fuller	co- req 272	(1)	IP
278	Animal Behavior	Boehm	101 and 101L	(3)	RS
278L	Animal Behavior – Lab	Boehm	Pre- or co- 278	(1)	IP
395/495	Undergraduate Research	Faculty members	201 or 202 or a core class (in the new curriculum)	(1-3)	IP
449	Immunology	Garland	205 or 103+104+240	(3)	RA
450	Neurobiology	Ingraham	205 or 103+104+240	(3)	RS
455	Behavioral Neuroscience	Burmeister	205 or 103+104+240	(3)	RA

Second Summer Session

Number	Course	Instructors	Prerequisites	Credit hours	Comments
101	Principles of Biology	Kimball		(3)	IP
101L	Introductory Biology Lab	Stegenga	101, co- or pre- req	(1)	IP
103	How Cells Function	Geisler	101	(3)	IP
104	Biodiversity	Evans	101	(3)	RM
105L	Biological Research Skills	Hastie	101/L	(1)	IP
105L	Biological Research Skills	Hastie	101/L	(1)	IR
220	Molecular Genetics	Train	103	(3)	IP
240	Cell Biology	Jensen	103	(3)	IP
250	Evolutionary Biology	Deconinck	104	(3)	RS
252	Human Anatomy and Physiology	Watts	101 and 101L	(3)	RA
253	Advanced Human Anatomy and Physiology	Butz	252; Co-req 253L	(3)	IR Does not count towards the major
253L	Advanced Human Anatomy and Physiology Lab	Johnson	252L; Co-req 253	(1)	IP Does not count towards the major
278	Animal Behavior	Walker	101 and 101L	(3)	RA
395/495	Undergraduate Research	Faculty members	201 or 202 or a core class (in the new curriculum)	(1-3)	
448	Advanced Cell Biology	Cote	205 or 103+104+240	(3)	IP

Modes of Teaching

In Person = IP

- Students attend classes and exams on specific dates/times and at a specific physical campus location throughout the semester, at least one day per week.
- Some instruction may also be delivered virtually, either synchronously or asynchronously.
- Course design optimizes in-person learning so instruction is not available for remote learning

In-Person + Remote Learners = IR

- Students attend classes and exams on specific dates/times throughout the semester. On-campus learners meet at a specific physical campus location. Remote learners attend virtually.
- Some instruction may also be delivered virtually, either synchronously or asynchronously.
- Course design optimizes learning for both in-person and remote learners simultaneously.

Remote Only, Synchronous = RS

- Students attend classes and exams on specific dates/times through online delivery in the semester, at least one day per week.
- Online class sessions are live with the course instructor and students learning together in the remote format.

Remote Only, Mostly Asynchronous = RM

- For some class sessions specified by the instructor (e.g., exams, recitations, meetings), students attend on specific dates/times through online delivery.
- For most class sessions, students do not attend classes and/or exams on specific dates/times in the semester.

Remote Only, All Asynchronous = RA

- Students do not attend classes and exams on specific dates/times.
- All instruction is asynchronous. Class sessions and/or exams have flexible options to accommodate time zones.
- Students meet deadlines throughout the semester through online delivery throughout the semester.
- No meeting pattern can be designated