

Anticipated Schedule of Major's Biology Courses – 2020-2023 (as of 10-6-20)

MINIMESTER 2021

BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 210 Medical Terminology.....	3++

SPRING SEMESTER 2021

BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1
BIOL 202 Intro to Ecology and Evolution.....	4
BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 205 General Botany.....	4
BIOL 207 General Zoology.....	4
BIOL 208 Biodiversity.....	3
BIOL 210 Medical Terminology.....	3++
BIOL 221/222 Human Anat-Phys I & II lec+lab.....	3+1
BIOL 304 Nat Hist Interpretation/Public Education.....	3
BIOL 306 Human Ecology and Sustainability.....	3++
BIOL 309 Genetics.....	4
BIOL 310 Conservation Biology.....	4
BIOL 318 General Microbiology.....	4
BIOL 325 Animal Physiology.....	4
BIOL 381 Writing in Biological Sciences (online).....	3++
BIOL 405 Molecular Ecol, Evol, & Conservation.....	4
BIOL 406 Limnology.....	4
BIOL 408 Cell Biology.....	4
BIOL 409 Molecular Biology.....	4
BIOL 410 Molecular Biology Lab.....	3
BIOL 412 Cell Biology Lab.....	3
BIOL 427 Neuromuscular Mech of Upper Body.....	2
BIOL 428 Virology.....	3
BIOL 444 Wildlife Management.....	3
BIOL 458 Mammalogy.....	4
BIOL 463 Developmental Biology.....	3
BIOL 467 Herpetology.....	4
BIOL 483 Genetic Analysis in Medicine.....	3
BIOL 484 Seminar in Ecol, Evol, Behav, & Conserv.....	1
CHEM 351 Biochemistry.....	3
CHEM 356 Biochemistry Lab.....	2
MBBB 301 Bioinformatics.....	4
GEOG 221 Intro to Geospatial Technology.....	3

NOTE: Not shown are special research-based courses, but several of these courses are also available most semesters and can count towards major requirements. (check with your advisor)

SUMMER 2021 (PROVISIONAL)

BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1
BIOL 202 Intro to Ecology and Evolution.....	4
BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 208 Biodiversity.....	3
BIOL 210 Medical Terminology.....	3++
BIOL 221/222 Human Anat-Phys I & II lec+lab.....	3+1
BIOL 382 Env Educ/Service Learning in Tropics.....	3
MBBB 301 Bioinformatics.....	4
CHEM 351 Biochemistry.....	3
BIOL 447 Trop Field Eco in Peru.....	6

FALL SEMESTER 2021 (PROVISIONAL)

BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1
BIOL 202 Intro to Ecology and Evolution.....	4
BIOL 203 Honors Intro to Cell Bio & Genetics.....	4
BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 207 General Zoology.....	4
BIOL 208 Biodiversity.....	3
BIOL 210 Medical Terminology.....	3++
BIOL 221/222 Human Anat-Phys I & II lec+lab.....	3+1
BIOL 309 Genetics.....	4
BIOL 318 General Microbiology.....	4
BIOL 325 Animal Physiology.....	4
BIOL 342 Human Physiology I.....	4??
BIOL 353 Invertebrate Zoology.....	4
BIOL 355 Parasitology.....	3
BIOL 360 Histology.....	4??
BIOL 371 Animal Behavior.....	4
BIOL 381 Writing in Biological Sciences (online).....	3++
BIOL 402 General Ecology.....	4
BIOL 405 Molecular Ecol, Evol, & Conservation.....	4??
BIOL 408 Cell Biology.....	4
BIOL 409 Molecular Biology.....	4
BIOL 410 Molecular Biology Lab.....	3
BIOL 411 Cancer Biology.....	3??
BIOL 412 Cell Biology Lab.....	3
BIOL 413 Evolution.....	3
BIOL 419 Environmental Microbiology.....	3??
BIOL 420 Microbiology of Infectious Disease.....	3
BIOL 421 Immunology.....	4
BIOL 435 Plant Ecology.....	4??
BIOL 436 Plant Physiology.....	3
BIOL 452 Wetland Ecology.....	4
BIOL 470 Advanced Physiology.....	4
CHEM 351 Biochemistry.....	3
MBBB 301 Bioinformatics.....	4
GEOG 221 Intro to Geospatial Technology.....	3

MINIMESTER 2022 (PROVISIONAL)

BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 210 Medical Terminology.....	3++
BIOL 425 Dissection of the Upper Extremity.....	2
SPRING SEMESTER 2022 (PROVISIONAL)	
BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1
BIOL 202 Intro to Ecology and Evolution.....	4
BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 205 General Botany.....	4
BIOL 207 General Zoology.....	4
BIOL 208 Biodiversity.....	3
BIOL 210 Medical Terminology.....	3++
BIOL 221/222 Human Anat-Phys I & II lec+lab.....	3+1
BIOL 306 Human Ecology and Sustainability.....	3++
BIOL 309 Genetics.....	4
BIOL 310 Conservation Biology.....	4
BIOL 312 Genetics Laboratory.....	2
BIOL 318 General Microbiology.....	4
BIOL 325 Animal Physiology.....	4
BIOL 342 Human Physiology I.....	4
BIOL 343 Human Physiology II.....	4??
BIOL 367 Endocrinology.....	3
BIOL 381 Writing in Biological Sciences (online).....	3??
BIOL 389 Human Pathophysiology.....	3
BIOL 402 General Ecology.....	4
BIOL 405 Molecular Ecol, Evol, & Conservation.....	4
BIOL 408 Cell Biology.....	4
BIOL 409 Molecular Biology.....	4
BIOL 410 Molecular Biology Lab.....	3
BIOL 412 Cell Biology Lab.....	3??
BIOL 415 Biotechnology.....	3??
BIOL 427 Neuromuscular Mech of Upper Body.....	2
BIOL 428 Virology.....	3
BIOL 446 Tropical Ecology and Conservation.....	3
BIOL 455 Fish Biology.....	4
BIOL 463 Developmental Biology.....	3
BIOL 470 Advanced Physiology.....	4??
BIOL 483 Genetic Analysis in Medicine.....	3
BIOL 484 Seminar in Ecol, Evol, Behav, & Conserv.....	1
CHEM 351 Biochemistry.....	3
CHEM 356 Biochemistry Lab.....	2
MBBB 301 Bioinformatics.....	4
GEOG 221 Intro to Geospatial Technology.....	3

++ Course does not count towards Biology major, but may fulfill other B.S. degree requirements.
?? Currently some uncertainty as to whether course will be offered. Students should check for updates.

SUMMER 2022 (PROVISIONAL)		MINIMESTER 2023 (PROVISIONAL)		SUMMER 2023 (PROVISIONAL)	
BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1	BIOL 204 Educ/Career Planning for BIOL majors.....	1	BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1
BIOL 202 Intro to Ecology and Evolution.....	4	BIOL 210 Medical Terminology.....	3++	BIOL 202 Intro to Ecology and Evolution.....	4
BIOL 204 Educ/Career Planning for BIOL majors.....	1	BIOL 425 Dissection of the Upper Extremity.....	2	BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 208 Biodiversity.....	3	SPRING SEMESTER 2023 (PROVISIONAL)		BIOL 208 Biodiversity.....	3
BIOL 210 Medical Terminology.....	3++	BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1	BIOL 210 Medical Terminology.....	3++
BIOL 221/222 Human Anat-Phys I & II lec+lab.....	3+1	BIOL 202 Intro to Ecology and Evolution.....	4	BIOL 221/222 Human Anat-Phys I & II lec+lab.....	3+1
BIOL 382 Env Educ/Service Learning in Tropics.....	3	BIOL 204 Educ/Career Planning for BIOL majors.....	1	BIOL 382 Env Educ/Service Learning in Tropics.....	3
MBBB 301 Bioinformatics.....	4	BIOL 205 General Botany.....	4	MBBB 301 Bioinformatics.....	4
CHEM 351 Biochemistry.....	3	BIOL 207 General Zoology.....	4	CHEM 351 Biochemistry.....	3
FALL SEMESTER 2022 (PROVISIONAL)		BIOL 208 Biodiversity.....	3	BIOL 447 Trop Field Eco in Peru.....	6
BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1	BIOL 210 Medical Terminology.....	3++	FALL SEMESTER 2023 (PROVISIONAL)	
BIOL 202 Intro to Ecology and Evolution.....	4	BIOL 304 Nat Hist Interpretation/Public Education.....	3	BIOL 200/200LorR Intro to Cell Bio & Genetics.....	3+1
BIOL 203 Honors Intro to Cell Bio & Genetics.....	4	BIOL 306 Human Ecology and Sustainability.....	3++	BIOL 202 Intro to Ecology and Evolution.....	4
BIOL 204 Educ/Career Planning for BIOL majors.....	1	BIOL 309 Genetics.....	4	BIOL 203 Honors Intro to Cell Bio & Genetics.....	4
BIOL 207 General Zoology.....	4	BIOL 310 Conservation Biology.....	4	BIOL 204 Educ/Career Planning for BIOL majors.....	1
BIOL 208 Biodiversity.....	3	BIOL 312 Genetics Laboratory.....	2	BIOL 207 General Zoology.....	4
BIOL 210 Medical Terminology.....	3++	BIOL 318 General Microbiology.....	4	BIOL 208 Biodiversity.....	3
BIOL 309 Genetics.....	4	BIOL 325 Animal Physiology.....	4	BIOL 210 Medical Terminology.....	3++
BIOL 318 General Microbiology.....	4	BIOL 342/343 Human Physiology I & II	4/4	BIOL 309 Genetics.....	4
BIOL 325 Animal Physiology.....	4	BIOL 381 Writing in Biological Sciences (online).....	3??	BIOL 318 General Microbiology.....	4
BIOL 334 Humans, Science, & the Chesapeake.....	3	BIOL 405 Molecular Ecol, Evol, & Conservation.....	4	BIOL 325 Animal Physiology.....	4
BIOL 342/343 Human Physiology I & II	4/4	BIOL 406 Limnology.....	4	BIOL 342/343 Human Physiology I & II	4/4
BIOL 355 Parasitology.....	3	BIOL 408 Cell Biology.....	4	BIOL 353 Invertebrate Zoology.....	4
BIOL 360 Histology.....	4??	BIOL 409 Molecular Biology.....	4	BIOL 355 Parasitology.....	3
BIOL 371 Animal Behavior.....	4	BIOL 410 Molecular Biology Lab.....	3	BIOL 360 Histology.....	4??
BIOL 381 Writing in Biological Sciences (online).....	3++	BIOL 415 Biotechnology.....	3??	BIOL 371 Animal Behavior.....	4
BIOL 402 General Ecology.....	4	BIOL 427 Neuromuscular Mech of Upper Body.....	2	BIOL 381 Writing in Biological Sciences (online).....	3++
BIOL 408 Cell Biology.....	4	BIOL 428 Virology.....	3	BIOL 402 General Ecology.....	4
BIOL 409 Molecular Biology.....	4	BIOL 458 Mammalogy.....	4	BIOL 405 Molecular Ecol, Evol, & Conservation.....	4
BIOL 410 Molecular Biology Lab.....	3	BIOL 463 Developmental Biology.....	3	BIOL 408 Cell Biology.....	4
BIOL 411 Cancer Biology.....	3	BIOL 470 Advanced Physiology.....	4??	BIOL 409 Molecular Biology.....	4
BIOL 412 Cell Biology Lab.....	3	BIOL 483 Genetic Analysis in Medicine.....	3	BIOL 410 Molecular Biology Lab.....	3
BIOL 413 Evolution.....	3??	BIOL 484 Seminar in Ecol, Evol, Behav, & Consv.....	1	BIOL 411 Cancer Biology.....	3??
BIOL 420 Microbiology of Infectious Disease.....	3	CHEM 351 Biochemistry.....	3	BIOL 412 Cell Biology Lab.....	3
BIOL 421 Immunology.....	4	CHEM 356 Biochemistry Lab.....	2	BIOL 413 Evolution.....	3
BIOL 432 Vascular Plant Taxonomy.....	4	MBBB 301 Bioinformatics.....	4	BIOL 420 Microbiology of Infectious Disease.....	3
BIOL 461 Entomology.....	4	GEOG 221 Intro to Geospatial Technology.....	3	BIOL 421 Immunology.....	4
BIOL 470 Advanced Physiology.....	4	CAUTION: The Dept of Biological Sciences makes every effort to offer courses as shown but changes to the above are possible. This is especially true for courses marked with a "??". The latest version of this document is always available in the Biology Department office, Smith 341.		BIOL 435 Plant Ecology.....	4??
BIOL 472 Organismal Form and Function Lab.....	3			BIOL 436 Plant Physiology.....	3
BIOL 474 Molecular Tech in Ecol, Evol, & Consv.....	3??			BIOL 452 Wetland Ecology.....	4
BIOL 483 Ecological Field Methods.....	3			BIOL 470 Advanced Physiology.....	4
CHEM 351 Biochemistry.....	3			BIOL 472 Organismal Form and Function Lab.....	3
MBBB 301 Bioinformatics.....	4			CHEM 351 Biochemistry.....	3
GEOG 221 Intro to Geospatial Technology.....	3			MBBB 301 Bioinformatics.....	4
				GEOG 221 Intro to Geospatial Technology.....	3

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