

## School of Biological Sciences Projected Class Offerings: 2022-2023

The following list is a guide to when courses offered by the School of Biological Sciences (BISC, CLAB, ENSC, MSNT) are generally offered. Courses listed are those we anticipate will be offered in upcoming quarters. Some courses listed in the University *Catalog* are not included in this list because they are not regularly offered. Certain courses are offered every other year, and are noted as such with an asterisk \* and odd/even year indicated. Honors Sections are listed at the end.

***This is only a guide, course offerings may vary from this list.***

SBS Course Offerings (BISC, CLAB, ENSC, MSNT)	Fall Quarter	Winter Quarter	Spring Quarter	Summer Quarter
<b>BISC Courses</b>				
BISC 101 Fundamentals of Biology I	X	X	X	X
BISC 102 Fundamentals of Biology II	X	X	X	X
BISC 130 Biological Principles	X	X	X	X
BISC 131 Biological Principles Laboratory	X	X	X	X
BISC 132 Biological Diversity	X	X	X	X
BISC 133 Biological Diversity Laboratory	X	X	X	X
BISC 200 Principles of Genetics	X		X	
BISC 201 Scientific Principles		X		
BISC 211 Introduction to Environmental Sciences (cross-listed with ENSC 211)	X			
BISC 212 Conservation and Manage Natural Resources (cross-listed with ENSC 212)		X		
BISC 213 Environmental Sustainability	X			
BISC 208 Survey of Microbiology	X	X	X	X
BISC 209 Survey of Microbiology Laboratory	X	X	X	X
BISC 216 Plant Biology			X	
BISC 217 Plant Biology Laboratory			X	
BISC 224 Essentials of Human Anatomy and Physiology			X	
BISC 225 Human Anatomy and Physiology I	X	X	X	X
BISC 225 (W85-online) Human Anatomy and Physiology I <b>Note: - only available to HIIM majors</b>	X			
BISC 226 Human Anatomy and Physiology Laboratory I	X	X	X	X
BISC 227 Human Anatomy and Physiology II	X	X	X	X
BISC 227 (W85-online) Human Anatomy and Physiology II <b>Note: - only available to HIIM majors</b>		X		
BISC 228 Human Anatomy and Physiology Laboratory II	X	X	X	X
BISC 230 Introduction to Marine Biology & Ecology* <sup>Even</sup>			X	
BISC 231 Introduction to Marine Biology & Ecology Lab* <sup>Even</sup>			X	
BISC 240 Student Research	X	X	X	X
BISC 246 Instrumentation	X			
BISC 261 Microbiology	X	X	X	X
BISC 262 Microbiology Laboratory	X	X	X	X
BISC 310 Genetics	X	X	X	X
BISC 313 Ecology (cross-listed with ENSC 313)	X	X	X	
BISC 314 Entomology	X			

SBS Course Offerings (BISC, CLAB, ENSC, MSNT)	Fall Quarter	Winter Quarter	Spring Quarter	Summer Quarter
BISC 315 Cell Biology		X	X	X
BISC 320 Animal Physiology	X		X	
BISC 341 Hematology		X		
BISC 343 Medical Microbiology and Immunology (MDTC majors only)	X			
BISC 344 Clinical Chemistry and Toxicology			X	
BISC 359 Special Problems in Pre-Medical Illustration*				
BISC 360 Biological Problems	X	X	X	X
BISC 361 Laboratory Assisting	X	X	X	X
BISC 378 Field Experience at LUMCON				X
BISC 379 Analysis of LUMCON Research	X			
BISC 380 Biology Colloquium	X	X	X	
BISC 402 Immunology*				
BISC 406 Intro to Endocrinology			X	
BISC 408 Bacterial Genetics *				
BISC 409 Virology*				
BISC 410 Advanced Genetics*				
BISC 411 Developmental Biology		X		
BISC 418 Molecular Biotechnology	X			
BISC 422 Molecular Biology		X		X
BISC 426 Evolution		X		
BISC 427 Herpetology			X	
BISC 431 Medical Genetics		X		
BISC 432 Freshwater Ecology *Odd			X	
BISC 433 Global Change Ecology *Even			X	
BISC 445 Immunohematology			X	
BISC 457 Genetic Engineering	X			X
BISC 466 Medical Anthropology			X	
BISC 468 Biostatistics		X		
BISC 470 Bioethics			X	
BISC 478 Practica/Internship/Cooperative Education	X	X	X	X
BISC 480 Undergraduate Seminar	X	X	X	X
BISC 491 PCR - Methods and Applications	X	X	X	X
BISC 492 Protein Analysis			X	
BISC 493 Animal Behavior	X			
BISC 502 Research Methods (cross-listed with MSNT 502)	X			
BISC 506 Graduate Endocrinology			X	
BISC 508 Graduate Bacterial Genetics *				
BISC 511 Graduate Developmental Biology		X		
BISC 512 Graduate Immunology*				
BISC 514 Graduate Advanced Genetics*				
BISC 517 Applied Biological Sciences Research	X	X	X	

<b>SBS Course Offerings (BISC, CLAB, ENSC, MSNT)</b>	<b>Fall Quarter</b>	<b>Winter Quarter</b>	<b>Spring Quarter</b>	<b>Summer Quarter</b>
BISC 518 Graduate Molecular Biotechnology	X			
BISC 520 Graduate Evolution		X		
BISC 521 Principles of Cell and Molecular Biology (cross-listed with MSNT 521)	X			
BISC 522 Graduate Molecular Biology		X		X
BISC 527 Graduate Herpetology			X	
BISC 530 Biological Science Special Problems	X	X	X	X
BISC 531 Graduate Medical Genetics		X		
BISC 532 Graduate Freshwater Ecology *Odd			X	
BISC 533 Graduate Global Change Ecology *Even			X	
BISC 535 Current Topics in Biological Science	X	X	X	X
BISC 540 Biological Sciences Internship	X	X	X	X
BISC 541 Biological Sciences Internship	X	X	X	X
BISC 549 Biology Thesis Proposal Preparation	X	X	X	X
BISC 551 Research and Thesis in Biology	X	X	X	X
BISC 557 Graduate Genetic Engineering	X			X
BISC 562 Graduate Virology*				
BISC 566 Graduate Medical Anthropology			X	
BISC 568 Graduate Biostatistics		X		
BISC 570 Graduate Bioethics			X	
BISC 580 Graduate Biology Colloquium	X	X	X	
BISC 585 Comprehensive Exam in Biological Sciences	X	X	X	X
BISC 591 Graduate PCR - Methods and Applications	X	X	X	X
BISC 592 Graduate Protein Analysis			X	
BISC 593 Graduate Animal Behavior	X			
<b>CLAB Courses</b>				
CLAB 450 Pathophysiology		X		
CLAB 450 (W85-online Full Summer) Pathophysiology				X
CLAB 450 (384-online 1 <sup>st</sup> 6 weeks)				X
<b>ENSC Courses</b>				
ENSC 211 Introduction to Environmental Sciences (cross-listed with BISC 211)	X			
ENSC 212 Conservation and Manage Natural Resources (cross-listed with BISC 212)		X		
ENSC 313 Ecology (cross-listed with BISC 313)	X	X	X	
ENSC 478 Cooperative Education Work Experience	X	X	X	X
<b>MSNT Courses</b>				
MSNT 502 Research Methods (cross-listed with BISC 502)	X			
MSNT 521 Principles of Cell and Molecular Biology (cross-listed with BISC 521)	X			
<b>Honors Sections</b>				
BISC 261 Honors Microbiology	X	X	X	
BISC 262 Honors Microbiology Laboratory	X	X	X	

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BISC 380 Honors Biology Colloquium	X	X	X	
BISC 426 Honors Evolution		X		
BISC 470 Honors Bioethics			X	
BISC 491 Honors PCR - Methods and Applications	X	X	X	X

\*Even Offered in the specified quarter of even years

\*Odd Offered in the specified quarter of odd years

\* Offered on demand