

UNLV | College of SCIENCES

List Options - for catalogs Fall 2015 and later

List A Options		
360	Biomathematics I	3
361	Biomathematics II	3
405	Molecular Biology	3
409	Virology	3
425	Genomics	3
428S	Biometry	3
443	Molecular Biotechnology	3
445	Cell Physiology	3
458	Stem Cells & Regeneration Biology	3
460	Microbial Physiology	3
464	Bacterial Pathogenesis	3
466	Developmental Biology	3
467X	Geomicrobiology	3
469	RNA Biology	3
470	Topics in Applied Microbiology	3
473	Adv Topics in Cell and Molecular Biology	3
478	Cancer Cell Biology	3
480	Introduction to Biological Modelling	3
485	Microbial Genetics	3

List B Options		
347	Human Anatomy Lab	1
348	Human Anatomy	3
349	Human Physiology Foundations	3
360	Biomathematics I	3
414	Endocrinology	3
417	Biochemical Adaptations	3
426	Plant Anatomy	3
428S	Biometry	3
440	Mammalian Physiology	3
442	Principles of Plant Physiology	4
447	Adv Comparative Animal Physiology	3
451	Comparative Vertebrate Anatomy	5
455	Comparative Vertebrate Anatomy & Biomechanics	
453	Immunology	3
468	Histology	4
475	Neurobiology	3
480	Introduction to Biological Modelling	3

Other Options		
492	Undergraduate Research	Consult your Degree Audit in MyUNLV, Course Catalog, and Academic Advisor for restrictions that may apply
493	Undergraduate Seminar	
494	Biology Colloquium	
496	Advanced Topics in Modern Biology	
499	Undergraduate Teaching Assistant	

List C Options		
301	Fossil Record	3
305	Introduction to Conservation Biology	3
320	Invertebrate Zoology	4
341	Principles of Ecology	3
360	Biomathematics I	3
403	Restoration Ecology	3
413	Scientific Writing	3
412	Molecular Evolution	3
418	Microbial Ecology	3
427	Bryology	3
428S	Biometry	3
432	Herpetology	4
433	Ornithology	4
434	Mammalogy	4
435	Forest Ecology	3
437	Entomology	4
438	Soil Plant Water Relations in Arid Env	3
441	Field Ecology	3
444	Principles of Plant Ecology	3
461	Prokaryotic Diversity	3
467X	Geomicrobiology	3
480	Introduction to Biological Modelling	3
486	Animal Behavior	3
487	Principles of Systematics	3
490	Biogeography	3

Concentration Information
Cell & Molecular: provides students with information vital to careers in biotechnology and biomedical science research as well as for transition to PhD programs in Biology, and Cell and Molecular Biomedical Research
Ecology & Evolution: recommended for those students who desire a strong foundation in evolution, and whose interests are at the interface between organisms and their environments.
Integrative Physiology: provides students with intellectual and technical tools essential in a broad array of life science careers, including application to all the healthcare related professional schools or graduate school. Provides examination of how animals and/or plants work from a molecular/cellular level or organization to systems level of understanding and up to the integration of physiology with behavior and evolutionary processes.
Microbiology: provides with intellectual and technical skills required for success in the broad area of microbiology which includes clinical, environmental, ecological, evolutionary, molecular, metabolic, and physiological perspectives of microbes, including aspects of virology and immunology.
Pre-Preprofessional: provides intellectual tools essential for application to healthcare related professional schools, including medical, dental, veterinary, optometric and related programs.

*Courses that appear on more than one List cannot count toward two list requirements.

*BIOL 300 can be used only toward the Biology Core requirement.

*BIOL 304 may be used toward EITHER the Biology Core requirement OR List B.

*4 & 5 year plans - sciences.unlv.edu/advising/degreeworksheets

*Pre-Professional Advising Center (PPAC) - unlv.edu/advising/ppac