

Molecular Biology

Degree Type

Co-Major

Objective:

The target audience for this co-major is students wishing to focus their studies on the molecular basis of biology rather than on broader organismal biology. It might be paired with computer science for someone pursuing bioinformatics applications.

Requirements: 32 credits

Required Courses:

Item #	Title	Credits
BIOL2220	General Biology I	3
BIOL2220L	General Biology I Laboratory	1
CHEM2210	General Chemistry I	3
CHEM2210L	General Chemistry I Laboratory	1
CHEM2220	General Chemistry II	3
CHEM2220L	General Chemistry II Laboratory	1
	CHEM1210/CHEM1210L or CHEM3210/CHEM3210L	4
BIOL3420	General Microbiology	3
BIOL3420L	General Microbiology Laboratory	1
BIOL3460	Cell Biology	3
BIOL3460L	Cell Biology Laboratory	1
BIOL3720	Genetics	3
BIOL3720L	Genetics Laboratory	1

Four more upper division credits from the following:

Item #	Title	Credits
	Approved topics course	1-3
BIOL3510	Studies in Histology	1
BIOL3540	Immunology	3
BIOL3560	Endocrinology	3
BIOL3740	Origins	3
BIOL3970	Research	1-4
BIOL4410	Biochemistry I	3
BIOL4410L	Biochemistry I Laboratory	1
	Total Credits	32