



Course Requirements for the Undergraduate Biology Program
2022/2023

I. Summary of Graduation Requirements

University Required Courses	15 credits
Faculty and Major Required Courses	68 credits
Free Elective Courses	15 credits
Total	98 credits

II. Details of Graduation Requirements

1. University Required Courses

Code	Courses	Credits	Prerequisites	Co-requisites
ADM105	Introduction to Information Technology	3		
EDU105	Introduction to Sociology	3		
LIT105	Arabic Civilization	3		
LIT110	Arabic Language I	3		
LIT120	English Language I	3		
	Total	15		

2. Free Elective Courses

Code	Title	Credits	Prerequisites	Co-requisites
ADM115	Introduction to Law and Constitutional Law	3		
ADM120	Microeconomics	3		
BIO130	Ecology	2		
BIO135	Neuroscience	2		
BIO140	Oncology	2		
BIO145	Neurophysiology	2		
BIO380	Research Methods	2		
GEO201	General Geology	3		
LIT150	Introductory Political Science	3		
LIT160	Introductory Islamic Economy	3		
PHE239	Bioinformatics	2		
PHE241	Mycology	1		
PHE257	Medical Bacteriology I	2		
PHE276	Basic Nutrition	2		
PHE311	Medical Virology	1		
	Total	15		



3. Faculty and Major Required Courses

Code	Courses	Credits	Prerequisites	Co-requisites
BCH240	Biochemistry I	3	CHM165	
BCH240L	Biochemistry I Lab	1		
BCH310	Biochemistry II	3	CHM165	
BCH310L	Biochemistry II Lab	1		
BIO131	General Biology	3		
BIO131L	General Biology Lab	1		
BIO160	Cell Biology	3		
BIO165	Anatomy	2	BIO131	
BIO170	General Zoology I	3	BIO160	
BIO175	Histology	3	BIO131, BIO160	
BIO180	General Botany	3	BIO131	
BIO180L	General Botany Lab	1		
BIO215	Physiology	3	BIO165	
BIO220	Plant Physiology	3	BIO180	
BIO220L	Plant Physiology Lab	1	BIO180	
BIO221	General Zoology II	2	BIO170	
BIO221L	General Zoology II Lab	1		
BIO230	General Microbiology	2	BIO131	
BIO230L	General Microbiology Lab	1		
BIO300	Transmission Genetics	2	BIO131	
BIO305	Molecular Biology	3	BIO300	
BIO305L	Molecular Biology Lab	1		
BIO310	Biotechnology	2	BIO230	
BIO345	Immunology	3	BIO131, BIO160	
BIO390	Graduation Project	2	BIO380	
CHM165	General Chemistry I	3		
CHM165L	General Chemistry I Lab	1		
CHM246	Organic Chemistry I	2	CHM165	
CHM246L	Organic Chemistry I Lab	1		
ENV201	Environmental Science	3		
PHY101	General Physics	3		
STAT156	Principles of Biostatistics	2		
	Total	68		