

Bachelor Program

Biology Education

Code	Courses	Credits
University Requirements		54
<u>English (30 credits)</u>		
ENGL 101	English Foundation-1	8 credits
ENGL 102	English Foundation-2	8 credits
ENGL 103	Academic English	8 credits
ENGL216	ESP	6 credits
<u>Azerbaijani Studies (24 credits)</u>		
AZH 150	Azerbaijani History	6 credits
ASC 201	Azerbaijani Culture	6 credits
AZLL 101	Azerbaijani Language	6 credits
AZLL 105	Azerbaijani Literature	6 credits
General Education Requirements		42
<u>Math and Natural Sciences (18 credits)</u>		
CMS 101	Introduction to Computer Science	6 credits
MATH 104	Mathematics	6 credits
MED 315	Life Science	6 credits
<u>Humanities (12 credits)</u>		
<u>Social (12 credits)</u>		
Major Requirements		
Major Chemistry Courses		90
BIO 101	General Biology	6
BIO 105	Botanic- 1	6
BIO 201	Zoology -1	6
BIO 205	Botanic -2	6
BIO 215	Sitology	6

BIO 202	Zoology- 2	6
BIO 220	Histology	6
BIO 225	Physiology of plants	6
BIO 301	Biochemistry	6
BIO 305	Human and Animal physiology	6
BIO 310	Human Anatomy	6
BIO 402	Genetics and selection	6
BIO 410	Microbiology	6
BIO 405	Ecology and Evolutionary Biology	6
BIO 408	Molecular Biology	6
Major Chemistry Course		6
CHEM 208	Organic and Non-Organic Chemistry	6
Major Elective Biology Courses		24
BIO 315	Biology of Development	6
BIO 325	Medical Biology	6
PHSC 111	Physics	6
BIO 330	Central Nervous System	6
BIO 420	Immunology	6
BIO 425	Cell Biology	6
BIO 415	Molecular Biology	6
BIO 430	Environment and Nano-biotechnology	6
Major Education Courses		24
EDU 101	Introduction to Education	6

EDU 302	Curriculum and Assessment Strategies	6
PSYC 304	Basics of Educational Psychology	6
EDU 437	Teaching Methods of Biology	6
Practicum and Internship		24
EDU 407	Practicum	12
EDU 408	Internship	12
TOTAL		264