



Adiyaman Üniversitesi
FACULTY OF SCIENCE AND LITERATURE
Department Of Biology
Biyoloji

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AlİT 101	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION I	2+0+0	Compulsory	2
BIY 101	GENERAL BIOLOGY I	6+0+0	Compulsory	8
BIY 151	GENERAL BIOLOGY I LABORATORY	0+3+0	Compulsory	4
ENF 101	INTRODUCTION TO BASIC KNOWLEDGE TECHNOLOGIES	2+0+0	Compulsory	4
FİZ 101	PHYSICS FOR BIOLOGISTS	2+0+0	Compulsory	2
KİM 101	CHEMISTRY FOR BIOLOGISTS	2+2+0	Compulsory	5
TD 101	TURKISH I	2+0+0	Compulsory	2
YD 101	ENGLISH I	2+0+0	Compulsory	3
Total ECTS				30

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AlİT 102	ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II	2+0+0	Compulsory	2
BIY 102	GENERAL BIOLOGY II	6+0+0	Compulsory	8
BIY 104	ENVIRONMENTAL BIOLOGY	2+0+0	Compulsory	4
BIY 106	BIOETHICS	2+0+0	Compulsory	3
BIY 108	BIOSTATISTIC	2+0+0	Compulsory	4
BIY 152	GENERAL BIOLOGY II LABORATORY	0+3+0	Compulsory	4
TD 102	TURKISH II	2+0+0	Compulsory	2
YD 102	ENGLISH II	2+0+0	Compulsory	3
Total ECTS				30

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BIY 201	CYTOLOGY	2+0+0	Compulsory	3
BIY 203	SYSTEMATICS OF INVERTEBRATES	3+0+0	Compulsory	4
BIY 205	HYDROBIOLOGY	2+0+0	Compulsory	3
BIY 207	SYSTEMATICS OF PHANEROGAMAE	3+0+0	Compulsory	4
BIY 209	PLANT ANATOMY AND MORPHOLOGY	3+0+0	Compulsory	3
BIY 211	MICROTECHNIQUES	1+0+2	Compulsory	3
BIY 251	CYTOLOGY LABORATORY	0+2+0	Compulsory	2
BIY 253	INVERTEBRATE ANIMAL SYSTEMATICS LABORATORY	0+2+0	Compulsory	2
BIY 255	HYDROBIOLOGY LABORATORY	0+2+0	Compulsory	2
BIY 257	SYSTEMATICS OF CRYPTOGAMES LABORATORY	0+2+0	Compulsory	2
BIY 259	PLANT ANATOMY AND MORPHOLOGY LABORATORY	0+0+2	Compulsory	2
BIY.209	PLANT ANATOMY AND MORPHOLOGY	3+0+0	Compulsory	0
Total ECTS				30

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BIY 200	SYSTEMATICS OF VERTEBRATES	3+0+0	Compulsory	4
BIY 204	ECOLOGY	2+0+0	Compulsory	3
BIY 206	HISTOLOGY	2+2+0	Compulsory	4
BIY 212	EMBRYOLOGY	2+0+0	Compulsory	3
BIY 250	VERTEBRATES SYSTEMATICS LABORATORY	0+2+0	Compulsory	3
BIY 252	SYSTEMATICS OF PHANEROGAMIC PLANTS LABORATORY	0+2+0	Compulsory	3
BIY 256	HISTOLOGY LABORATORY	0+2+0	Compulsory	3
BIY-202	SYSTEMATICS OF PHANEROGAMIC PLANTS	3+0+0	Compulsory	4
KİM 210	ORGANIC CHEMISTRY	2+0+0	Compulsory	3
Total ECTS				30

5.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BIY 301	GENETICS I	2+2+0	Compulsory	3
BIY 303	ANIMAL PHYSIOLOGY I	2+0+0	Compulsory	3
BIY 305	PLANT PHYSIOLOGY I	2+0+0	Compulsory	3
BIY 307	MOLECULAR BIOLOGY I	2+0+0	Compulsory	3
BIY 309	BIOCHEMISTRY I	2+0+0	Compulsory	3
BIY 311	MICROBIOLOGY I	2+0+0	Compulsory	3

BIY 313	Biogeography	2+0+0	Compulsory	2
BIY 351	MICROBIOLOGY I LABORATORY	0+2+0	Compulsory	2
BIY 353	ANIMAL PHYSIOLOGY I LABORATORY	0+2+0	Compulsory	2
BIY 355	PLANT PHYSIOLOGY II LABORATORY	0+2+0	Compulsory	2
BIY 357	MOLECULAR BIOLOGY I LABORATORY	0+2+0	Compulsory	2
BIY 359	BIOCHEMISTRY I LABORATORY	0+2+0	Compulsory	2

Total ECTS **30**

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BIY 300	GENETICS II	2+2+0	Compulsory	3
BIY 302	ANIMAL PHYSIOLOGY II	2+0+0	Compulsory	3
BIY 304	PLANT PHYSIOLOGY II	2+0+0	Compulsory	3
BIY 306	MOLECULAR BIOLOGY II	2+0+0	Compulsory	3
BIY 308	MICROBIOLOGY II	2+0+0	Compulsory	3
BIY 312	BIOCHEMISTRY II	2+0+0	Compulsory	3
BIY 350	BIOCHEMISTRY II LABORATORY	0+0+2	Compulsory	2
BIY 352	ANIMAL PHYSIOLOGY II LABORATORY	0+2+0	Compulsory	2
BIY 354	PLANT PHYSIOLOGY I LABORATORY	0+2+0	Compulsory	2
BIY 356	MOLECULAR BIOLOGY II LABORATORY	0+2+0	Compulsory	2
BIY 358	MICROBIOLOGY II LABORATORY	0+2+0	Compulsory	2
BIY.310	INTRODUCTION TO BIOTECHNOLOGY	2+0+0	Compulsory	2

Total ECTS **30**

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BIY 403	EVOLUTION	3+0+0	Compulsory	6
SEÇ 1	ELECTIVE	2+0+0	Elective	24

Total ECTS **30**

BIY 401	RESEARCH PROJECT I	1+0+3	Elective	4
BIY 405	ECOSYSTEMS AND POPULATION DYNAMIC	2+0+0	Elective	4
BIY 407	ENTOMOLOGY	2+0+0	Elective	4
BIY 411	GENE THERAPY	2+0+0	Elective	4
BIY 415	ENDOCRINOLOGY	2+0+0	Elective	4
BIY 419	STEM CELL	2+0+0	Elective	4
BIY 421	LIPID BIOCHEMISTRY	2+0+0	Elective	4
BIY 423	FIELD APPLICATION METHODS	2+0+0	Elective	4
BIY 425	PLANT STRESS TYPES AND THEIR EFFECTS	2+0+0	Elective	4
BIY 427	LIMNOLOGY	2+0+0	Elective	4
BIY 429	HUMAN ANATOMY AND PHYSIOLOGY	2+0+0	Elective	4
BIY 431	CELLULAR SIGNALING	2+0+0	Elective	4
BIY 433	PARASITOLOGY (S)	2+0+1	Elective	4

8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BIY 402	VEGETATION SCIENCE AND APPLICATION	2+2+0	Compulsory	6
SEÇ 2	ELECTIVE	0+0+0	Elective	24

Total ECTS **30**

AHL 402	MORAL AND PROFESSIONAL ETHICS (S)	2+0+0	Elective	4
BIY 400	RESEARCH PROJECT II	1+0+3	Elective	4
BIY 404	POPULATION GENETICS AND CONSERVATION	2+0+0	Elective	4
BIY 406	BIOLOGY OF BEHAVIOUR	2+0+0	Elective	4
BIY 408	BASIC TOXICOLOGY	2+0+0	Elective	4
BIY 410	HUMAN GENETICS	2+0+0	Elective	4
BIY 414	COMPARATIVE ANIMAL PHYSIOLOGY	2+0+0	Elective	4
BIY 418	INDUSTRIAL MICROBIOLOGY	2+0+0	Elective	4
BIY 420	ENZYMOMOLOGY	2+0+0	Elective	4
BIY 422	MEDICINAL AND ECONOMIC PLANTS	2+0+0	Elective	4
BIY 424	PLANT BIOTECHNOLOGY	2+0+0	Elective	4
BIY 426	PLANKTOLOGY	2+0+0	Elective	4
BIY 430	CURRENT ENVIRONMENTAL ISSUES	2+0+0	Elective	4
BIY 432	HERPETOLOGY (S)	2+0+1	Elective	4
BIY 434	SIGN LANGUAGE (S)	1+2+0	Elective	4