

ABDULLAH GÜL ÜNİVERSİTESİ / ABDULLAH GÜL
Moleküler Biyoloji ve Genetik Lisans Programı /
Molecular Biology and Genetics Undergraduate Program
(Lisans eğitime 2021 Güz döneminden itibaren başlayanlar için)
(For students who start their undergraduate education in Fall 2021)

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1. SINIF / GÜZ YARIYILI (Freshman Year / FALL Semester)

Course Code	Course Name	PreReq	Lec.	Lab	Credits	ECTS
MATH 181	Calculus for Life Sciences I		5	0	5	6
MBG 111	General Biology I		4	4	6	7
MBG 115	Chemistry for Life Sciences I		4	0	4	5
BENG 105	Introduction to Programming		3	2	4	6
ENG 101	English I		4	0	4	4
GLB 101	AGU Ways		3	0	3	4
	Total Credits		23	6	26	32

1. SINIF / BAHAR YARIYILI (Freshman Year / SPRING Semester)

Course Code	Course Name	PreReq	Lec.	Lab	Credits	ECTS
MATH 182	Calculus for Life Sciences II	MATH 181	5	0	5	6
MBG 112	General Biology II		4	4	6	8
MBG 116	Chemistry for Life Sciences II		4	0	4	5
GLB XXX	Global Issues Elective I		3	0	3	4
ENG 102	English II		4	0	4	4
CP100.MBG	Career Planning		1	0	1	1
	Total Credits		21	4	23	28

2. SINIF / GÜZ YARIYILI (Sophomore Year / FALL Semester)

Code	Course Name	PreReq	Lec.	Lab	Credits	ECTS
MBG 205	Cell Biology	MBG 111	3	4	5	7
MBG 207	Organic Chemistry	MBG 115, MBG 116	3	2	4	5
MBG 209	Fundamentals of Genetics		3	4	5	7
PHYS 101	Physics I		3	2	4	5
GLB XXX	Global Issues Elective II		3	0	3	4
TURK XXX	Turkish Language Pool		2	0	2	2
	Total Credits		17	12	23	30

2. SINIF / BAHAR YARIYILI (Sophomore Year / SPRING Semester)

Code	Course Name	PreReq	Lec.	Lab	Credits	ECTS
MBG 204	Biostatistics		3	2	4	6
MBG 206	Microbiology	MBG 112	3	4	5	7
MBG 208	Molecular Biology	MBG 111	3	4	5	7
MBG 210	Science and Ethics		2	0	2	4
GLB XXX	Global Issues Elective III		3	0	3	4
TURK XXX	Turkish Language Pool		2	0	2	2
	Total Credits		16	10	21	30

3. SINIF / GÜZ YARIYILI (Junior Year / FALL Semester)

Course Code	Course Name	PreReq	Lec.	Lab	Credits	ECTS
MBG 301	General Biochemistry I	MBG 111	3	4	5	8
MBG 305	Special Techniques and Applications in Molecular Biology	MBG 208	3	2	4	6
MBG 309	Human Genetics	MBG 209	3	0	3	5
	Concentration Area Elective					5
GLB XXX	Global Issues Elective IV		3	0	3	4
HIST 2XX	History of Turkey Pool		2	0	2	2
	Total Credits		14	6	17	30

3. SINIF / BAHAR YARIYILI (Junior Year / SPRING Semester)

Course Code	Course Name	PreReq	Lec.	Lab	Credits	ECTS
MBG 312	General Biochemistry II	MBG 301	4	0	4	7
MBG 304	Bioinformatics		3	2	4	6
MBG 306	Gene Regulation	MBG 208	4	0	4	7
	Concentration Area Elective					5
XXX	Nontechnical Elective					3
HIST 2XX	History of Turkey Pool		2	0	2	2
	Total Credits		13	2	14	30

4. SINIF / GÜZ YARIYILI (Senior Year / FALL Semester)

Course Code	Course Name	PreReq.	Lec.	Lab	Credits	ECTS
	Concentration Area Elective					5
	Concentration Area Elective					5
	Concentration Area Elective					5
	Concentration Area Elective					5
XXX	Nontechnical Elective Course					3
OHS 401	Occupational Health and Safety I		2	0	2	1
MBG 499	Summer Internship		0	2	1	6
	Total Credits		2	2	3	30

4. SINIF / BAHAR YARIYILI (Senior Year / SPRING Semester)

Course Code	Course Name	PreReq.	Lec.	Lab	Credits	ECTS
MBG 404	Current Topics in Molecular Biology*		3	0	3	6
	Concentration Area Elective					5
	Concentration Area Elective					5
	Concentration Area Elective					5
	Concentration Area Elective					5
XXX	Nontechnical Elective Course					3
OHS 402	Occupational Health and Safety II		2	0	2	1
	Total Credits		5	0	5	30

* The course will be given by the faculty members.