

2025-2026 AKADEMİK YILI /
Academic Year

EĞİTİMDE KALİTE GÜVENCESİ YILLIK RAPORU

*QUALITY ASSURANCE IN
EDUCATION ANNUAL REPORT*

FEN FAKÜLTESİ
FACULTY OF SCIENCE

MOLEKÜLER BİYOLOJİ VE GENETİK LİSANS
PROGRAMI (MBG)

*MOLECULAR BIOLOGY AND GENETICS
UNDERGRADUATE PROGRAM (MBG)*



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FEN FAKÜLTESİ / FACULTY OF SCIENCE

MOLEKÜLER BİYOLOJİ VE GENETİK LİSANS PROGRAMI – MBG / MOLECULAR BIOLOGY AND GENETICS UNDERGRADUATE PROGRAM - MBG

1. BÖLÜM HAKKINDA / ABOUT THE DEPARTMENT

1.1. EĞİTİM AMAÇLARI / EDUCATIONAL OBJECTIVES

Bilkent Üniversitesi Moleküler Biyoloji ve Genetik Bölümü, alanında, Türkiye'nin ve dünyanın önde gelen eğitim ve araştırma bölümlerinden biri olup bilgi-tabanlı eğitimi, ileri araştırma teknolojik ortamıyla birleştirmeyi amaçlar. Spesifik amaçlar aşağıda sıralanmıştır. / Department of Molecular Biology and Genetics at Bilkent University aims to be a leading education and research department in the Molecular Biology and Genetics fields, providing knowledge-based teaching in a cutting-edge research environment. Specific aims are listed below:

- Hedef 1: Endüstri ve biyotıp bilimsel çevreleri ile yakın işbirlikleri içinde olmak. / Objective 1: to develop collaborations with industry and the biomedical scientific community.
- Hedef 2: İnsan sağlığını tehdit eden hastalıkları, anlamak, tanımlamak, tedavi etmek ve önlemek amacı ile moleküler, hücresel, ve model organizma seviyesinde temel ve uygulamalı araştırmalar yürütmek. / Objective 2: to conduct basic and applied research at molecular, cellular and model organism level to better understand, treat, and ultimately prevent human diseases.
- Hedef 3: Kanseri, enfeksiyon hastalıkları ve immünoloji, metabolik hastalıklar ve insan genetiğini sistem biyolojisi ile harmanlayarak geniş ve nitelikli bilgi birikimini sağlamak. / Objective 3: to maintain a breadth and depth of knowledge in areas such as cancer, infections and immunology, metabolic diseases, and human genetics coupled to systems biology.
- Hedef 4: Öğrencilere, etkin ve yılmaz bir akademik çalışma ile bilimsel keşif olanaklarının birlikte sağlandığı bir eğitim ortamı sağlamak. / Objective 4: to provide students with an education that combines rigorous academic study and the excitement of scientific discovery.

1.1.1. DANIŞMA KURULU

- Prof. Dr. Hilal Özdağ, Öğretim Üyesi, Ankara Üniversitesi / Prof. Dr. Hilal Özdağ, Faculty Member, Ankara University
- Dr. Öğr. Üyesi, Seçkin Eroğlu, Öğretim Üyesi, Orta Doğu Teknik Üniversitesi / Assis. Prof. Seçkin Eroğlu, Faculty Member, Middle East Technical University
- Prof. Dr. Nazlı Başak, Öğretim Üyesi / Direktör, Koç Üniversitesi Tıp Fakültesi / Suna ve İnan Kıraç Vakfı Nörodejenerasyon Araştırma Laboratuvarı / Prof. Dr. Nazlı Başak, Director, Koç University Faculty of Medicine / Suna and İnan Kıraç Foundation Neurodegeneration Research Laboratory
- Prof. Dr. Ali Güre, CEO, Skopos Global / Prof. Dr. Ali Güre, CEO, Skopos Global

1.2. LİSANS PROGRAMI / UNDERGRADUATE PROGRAM

1.2.1. MÜFREDAT / CURRICULUM

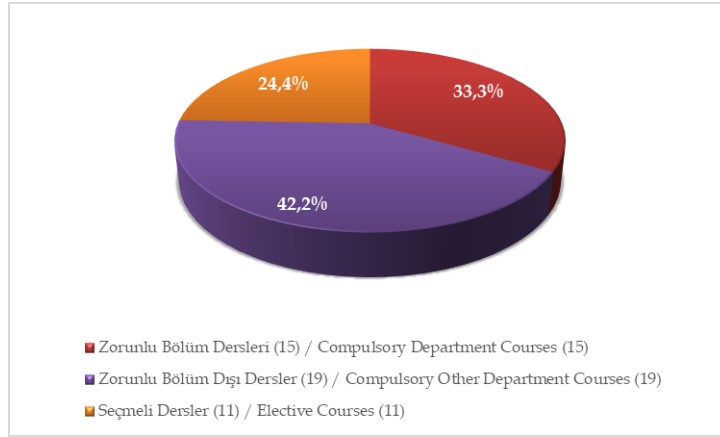
Birinci Yıl / First Year					
Güz Dönemi / Fall Semester					
Ders Kod / Course Code	Ders Adı / Course Name	Saatler / Hours		Kredi / Credits	
		Ders / Lecture	Lab / Stüdyo / Diğer / Lab / Studio / Others	Bilkent	ECTS
CHEM 101	Kımyanın Temelleri I / Principles of Chemistry I	3	4	4	6,5
ENG 101	İngilizce ve Kompozisyon I / English and Composition I	5	0	3	5
GE 100	Üniversite Hayatına Giriş / Orientation	0	0	1	2
MATH 101	Matematik I / Calculus I	4	0	4	6,5
MBG 101	Biyoloji I / Biology I	3	4	4	6,5
TURK 101	Türkçe I / Turkish I	0	0	2	3,5
Bahar Dönemi / Spring Semester					
Ders Kod / Course Code	Ders Adı / Course Name	Saatler / Hours		Kredi / Credits	
		Ders / Lecture	Lab / Stüdyo / Diğer / Lab / Studio / Others	Bilkent	ECTS
CHEM 102	Kımyanın Temelleri II / Principles of Chemistry II	3	4	4	6,5
ENG 102	İngilizce ve Kompozisyon II / Principles of Chemistry II	5	0	3	5
MATH 102	Matematik II / Calculus II	4	0	4	6,5
MBG 102	Biyoloji II / Biology II	3	4	4	6,5
TURK 102	Türkçe II / Turkish II	0	0	2	3,5

İkinci Yıl / Second Year					
Güz Dönemi / Fall Semester					
Ders Kod / Course Code	Ders Adı / Course Name	Saatler / Hours		Kredi / Credits	
		Ders / Lecture	Lab / Stüdyo / Diğer / Lab / Studio / Others	Bilkent	ECTS
CS 115	Python ile Programlamaya Giriş / Introduction to Programming in Python	3	4	4	6,5
GE 250	Üniversite Etkinlik Programı I / Collegiate Activities Program I	0	0	0	1
HIST 200	Türkiye Tarihi / History of Turkey	3	0	4	6,5
MBG 210	Genetik / Genetics	3	4	4	6,5
PHYS 101	Genel Fizik I / General Physics I	3	3	4	6,5
	Teknik Seçmeli Ders / Technical Elective			3	
Bahar Dönemi / Spring Semester					
Ders Kod / Course Code	Ders Adı / Course Name	Saatler / Hours		Kredi / Credits	
		Ders / Lecture	Lab / Stüdyo / Diğer / Lab / Studio / Others	Bilkent	ECTS
GE 251	Üniversite Etkinlik Programı II / Collegiate Activities Program II	0	0	1	2
MATH 262	İstatistik Yöntemleri / Statistical Methodology	3	0	3	5
MBG 223	Moleküler Genetik / Molecular Genetics	3	4	4	6,5
PHYS 102	Genel Fizik II / General Physics II	3	3	4	6,5
	Temel Sanat Seçmeli Dersi / Arts Core Elective			3	
	Sınırlı Seçmeli Ders / Restricted Elective			3	

Üçüncü Yıl/ Third Year					
Güz Dönemi/ Fall Semester					
Ders Kod/ Course Code	Ders Adı/ CourseName	Saatler/ Hours		Kredi/ Credits	
		Ders/ Lecture	Lab/ Stüdyo/ Diğer/ Lab/ Studio/ Others	Bilkent	ECTS
COMD 358	Profesyonel İletişim / Professional Communication	3	0	3	5
HUM 111	Kültürler, Medeniyetler ve Düşünceler I/ Cultures Civilizations and Ideas I	3	0	3	5
MBG 291	Yaz Stajı I/ Summer Practice I	0	0	0	6
MBG 301	Moleküler Hücre Biyolojisi I/ Molecular Biology of the Cell I	3	0	3	5
MBG 311	Biyokimya I/ Biochemistry I	3	4	4	6.5
MBG 324	Gen Moleküler Biyolojisi/ Molecular Biology of the Gene	3	4	4	6.5
Bahar Dönemi/ Spring Semester					
Ders Kod/ Course Code	Ders Adı/ CourseName	Saatler/ Hours		Kredi/ Credits	
		Ders/ Lecture	Lab/ Stüdyo/ Diğer/ Lab/ Studio/ Others	Bilkent	ECTS
HUM 112	Kültürler, Medeniyetler ve Düşünceler II/ Cultures Civilizations and Ideas II	3	0	3	5
MBG 302	Moleküler Hücre Biyolojisi II/ Molecular Biology of the Cell II	3	4	4	6.5
MBG 312	Biyokimya II/ Biochemistry II	3	0	3	5
MBG 316	Fizyoloji/ Physiology	3	0	3	5
MBG 338	Mikrobiyoloji/ Microbiology	3	4	4	6.5

Dördüncü Yıl/ Fourth Year					
Güz Dönemi/ Fall Semester					
Ders Kod/ Course Code	Ders Adı/ Course Name	Saatler/ Hours		Kredi/ Credits	
		Ders/ Lecture	Lab/ Stüdyo/ Diğer/ Lab/ Studio/ Others	Bilkent	ECTS
MBG 391	Yaz Stajı II/ Summer Practice II	0	0	0	6,5
MBG 416	Bilim ve Etik/ Science and Ethics	3	0	3	5
MBG 491	Mezuniyet Projesi I/ Senior Project I	0	6	3	5
	Sınırlı Seçmeli Ders / Restricted Elective			3	
	Teknik Seçmeli Ders (2)/ Technical Elective (2)			6	
Bahar Dönemi/ Spring Semester					
Ders Kod/ Course Code	Ders Adı/ Course Name	Saatler/ Hours		Kredi/ Credits	
		Ders/ Lecture	Lab/ Stüdyo/ Diğer/ Lab/ Studio/ Others	Bilkent	ECTS
	Teknik Olmayan Seçmeli Ders / Non-Technical Elective			3	
	Sınırlı Seçmeli Ders (2)/ Restricted Elective (2)			6	
	Temel Sosyal Bilimler Seçmeli Ders / Social Science Core Elective			3	
	Teknik Seçmeli Ders / Technical Elective			3	

1.2.2. DERSLERİN DAĞILIMI / DISTRIBUTION COURSES



Grafik.1.2.2. Moleküler Biyoloji ve Genetik Lisans Programı Müfredatındaki Derslerin Dağılımı / **Graphic.1.2.2.** Distribution of Courses in the Molecular Biology and Genetics Undergraduate Program Curriculum

1.3. ÖĞRENCİLER / STUDENTS

1.3.1. ÖĞRENCİ SAYILARI / NUMBER OF STUDENTS

Öğrenci Sayıları / Number of Students	
Hazırlık / Prep	17
1. Sınıf / 1. Class	66
2. Sınıf / 2. Class	61
3. Sınıf / 3. Class	53
4. Sınıf / 4. Class	78
Toplam Öğrenci Sayısı / Total Number of Students	275

Tablo.1.3.1. 2025-2026 Akademik Yılı Moleküler Biyoloji ve Genetik Lisans Programı Öğrenci Sayıları / **Table.1.3.1.** Number of Students in Molecular Biology and Genetics Undergraduate Program for the 2025-2026 Academic Year

1.3.2. YABANCI ÖĞRENCİ SAYILARI / NUMBER OF FOREIGN STUDENTS

Yabancı Öğrenci Sayıları / Number of Foreign Students	
1. Sınıf / 1. Class	4
2. Sınıf / 2. Class	4
3. Sınıf / 3. Class	2
4. Sınıf / 4. Class	2
Toplam Yabancı Öğrenci Sayısı / Total Number of Foreign Students	12

Tablo.1.3.2. 2025-2026 Akademik Yılı Moleküler Biyoloji ve Genetik Lisans Programı Yabancı Öğrenci Sayıları / *Table.1.3.2. Number of Foreign Students in Molecular Biology and Genetics Undergraduate Program for the 2025-2026 Academic Year*

1.4. ÖĞRETİM ELEMANLARI / FACULTY MEMBERS

1.4.1. ÖĞRETİM ELEMANI SAYILARI / NUMBER OF FACULTY MEMBERS

Öğretim Elemanı Sayıları / Number of Faculty Members	
Profesör Doktor / Professor Doctor	2
Doçent Doktor / Associate Professor	1
Doktor Öğretim Üyesi / Assistant Professor	6
Öğretim Görevlisi / Instructor	2
Araştırma Görevlisi / Research Assistant	1
Toplam Öğretim Elemanı Sayısı / Total Number of Faculty Members	12

Tablo.1.4.1. 2025-2026 Akademik Yılında Moleküler Biyoloji ve Genetik Lisans Programı Kadrolu ve Yarı Zamanlı Öğretim Elemanı Sayıları / *Table.1.4.1. Number of Full-Time and Part-Time Faculty Members in the Molecular Biology and Genetics Undergraduate Program in the 2025-2026 Academic Year*

1.4.2. ÖĞRETİM ELEMANLARININ LİSTESİ / LIST OF FACULTY MEMBERS

Öğretim Elemanının Unvanı / Title of Faculty Member	Öğretim Elemanının Çalışma Şekli / Work-mode of Faculty Member	Öğretim Elemanının Adı - Soyadı / Name-Surname of Faculty Member
Doçent Doktor / Associate Professor	Tam Zamanlı / Full Time	Işık Yuluğ
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Onur Çizmecioglu
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Bahar Değirmenci Uzun
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Fulya Türker
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Pınar Önal
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	İlyas Chachoua
Doktor Öğretim Üyesi / Assistant Professor	Tam Zamanlı / Full Time	Volkan Yazar
Öğretim Görevlisi / Instructor	Tam Zamanlı / Full Time	Ergül Dilan Çelebi Birand
Öğretim Görevlisi / Instructor	Yarı Zamanlı / Part Time	Erdem Erikçi
Profesör Doktor / Professor Doctor	Tam Zamanlı / Full Time	Hasan Tayfun Özçelik
Profesör Doktor / Professor Doctor	Tam Zamanlı / Full Time	Özlen Konu Karakayalı
Araştırma Görevlisi / Research Assistant	Tam Zamanlı / Full Time	Barış Kayaalp

Tablo.1.4.2. 2025-2026 Akademik Yılında Moleküler Biyoloji ve Genetik Lisans Programı Kadrolu ve Yarı Zamanlı Öğretim Elemanı Listesi / *Table.1.4.2. List of Full-Time and Part-Time Faculty Members in the Molecular Biology and Genetics Undergraduate Program in the 2025-2026 Academic Year*

1.5. EĞİTİMDE KALİTE KOMİTESİ / COMMITTEE OF QUALITY IN EDUCATION

- ❖ Işık Yuluğ
- ❖ Ergül Dilan Çelebi
- ❖ Tayfun Özçelik
- ❖ Pınar Önal

2. TÜRKİYE YÜKSEKÖĞRETİM YETERLİLİKLER ÇERÇEVESİ - ULUSAL YETERLİLİKLER / *TURKISH HIGHER EDUCATION QUALIFICATIONS FRAMEWORK - NATIONAL QUALIFICATIONS*

Life Sciences Basic Field Qualifications (Academic Weighted) - 6th Level - Bachelor's						
LEVEL OF THEQF	KNOWLEDGE SKILLS -Theoretical -Factual	SKILLS -Cognitive -Practical	COMPETENCIES			
			Ability to Work Independently and Take Responsibility	Learning Competence	Communication and Social Competence	Field-Specific Competence
6th Level Bachelor's	K1. Having advanced theoretical and practical knowledge that emphasizes scientific	S1. Adapting and transferring the field knowledge to secondary education. S2. Using advanced theoretical and practical knowledge in the field. S3. Renewing the knowledge depending on the actual circumstances. S4. Commenting on and assessing data using the advanced knowledge and skills	W1. Running an upper level study independently in the field. W2. Taking responsibility individually and as a group member to solve unpredicted complicated problems occurring in field practices.	L1. Critically evaluating the advanced knowledge and skills acquired in the field. L2. Determining learning needs and redirecting education.	C1. Informing the related persons and organizations in subjects regarding the field and expressing opinions and proposals for solutions to the problems orally and in a written way. C2. Sharing the opinions and solutions to problems supported by quantitative and qualitative data on subjects related to the field with experts and others. C3. Arranging and implementing projects and activities for the society with respect to social responsibility awareness.	F1. Following social, scientific, cultural and ethical values in gathering, commenting on and applying data in the field and announcing the results.
EQF-LLL: 6th Level	approach supported by course books,	acquired in the field; defining, analyzing and bring solutions to the problems parallel to the	W3. Planning and managing the activities for the improvement of the workers under one's	L3. Developing positive attitude towards lifelong learning.	C4. Keeping track of the developments in the field and communicating with colleagues by speaking a foreign language at least on European Language Portfolio B1general level.	F2. Having sufficient awareness on universality of social rights, social justice, complying with and participating in
QF-EHEA: 1st Cycle	practice tools and other resources containing current information in the field.	actual technologic developments based on evidence. S5. Having the skills to conceptualize the events and facts in the field; examining them with scientific methods and technics. S6. Designing and realizing experiments, gathering data, analyzing and commenting on the results for the investigation of problems.	responsibility within a project framework. W4. Taking part in decision making processes for problems in different discipline areas. W5. Using time effectively in achieving results through analytic thinking skills.	L4. Having the awareness for the necessity of lifelong learning and constantly developing professional knowledge and skills.	C5. Using informatics and communication technologies together with computer software required by the field at least at European Computer Driving License advanced level. C6. Using the field knowledge on human health and environmental awareness for the benefit of the society.	quality management and processes (instead of quality culture), protecting cultural values and environment, occupational health and security.

3. PROGRAM ÇIKTILARI / PROGRAM OUTCOMES

3.1. PROGRAM ÇIKTILARININ LİSTESİ / LIST OF PROGRAM OUTCOMES

- a. Yaşam bilimlerindeki küresel problemlere yaratıcı çözümler bulmak için modern bilgi, düşünme şekli ve araçları kullanır. / *Introduce modern knowledge, thought process, and tools to develop creative solutions for global challenges in life sciences.*
- b. Biyolojik deneyler yapabilir, analiz edebilir ve sonuçlarını yorumlayabilir. / *Able to conduct, analyze, interpret results of biological experiments.*
- c. Bir projede uzman ve disiplinler arası takımların takım üyesi olarak çalışabilir. / *Able to function as a team member of specialized and interdisciplinary teams in a project.*
- d. Yaşam bilimleri araştırmalarında etik ilkeleri uygulayabilir. / *Able to apply ethical principles in life science research.*
- e. Bilimsel, küresel, ekonomik, çevresel ve toplumsal ihtiyaçlar bağlamında araştırma sonuçlarını hem yazılı hem de sözlü formatta çeşitli gruplara aktarabilmek için iletişim becerilerini geliştirir. / *Develop skills to communicate research output in both written and oral formats in the context of scientific, global, economic, environmental, and society needs in order to effectively organize ideas and convey them to various audiences.*
- f. Bilimsel literatürü eleştirel bir şekilde analiz edebilir ve yaşam boyu öğrenmeyi sürdürebilir. / *Able to critically analyze scientific literature and to engage in lifelong learning.*
- g. İlgili hesaplamalı ve biyoinformatik araçlarıyla araştırma yapar. / *Conduct research with relevant computational and bioinformatics tools.*
- h. Derslerin yanı sıra çeşitli ve yaratıcı, sanatsal, kültürel, sportif ve entelektüel faaliyetlere katılarak kampüs hayatından yararlanır. / *Take advantage of the campus life in a diverse and creative manner through artistic, cultural, sportive and intellectual activities outside of coursework.*

3.2. ULUSAL YETERLİLİKLER İLE PROGRAM ÇIKTILARI BAĞLANTI TABLOSU / NATIONAL QUALIFICATIONS AND PROGRAM OUTCOMES CONNECTION TABLE

Ulusal Yeterlilikler / National Competencies	Program Çıktıları / Program Outcomes							
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
K1	✓					✓		
S1					✓			
S2	✓		✓	✓			✓	
S3						✓		
S4	✓	✓	✓					
S5		✓				✓		
S6		✓	✓				✓	
W1			✓			✓	✓	
W2			✓	✓				
W3			✓					
W4			✓		✓			
W5	✓	✓						
L1	✓					✓		
L2					✓			
L3						✓		
L4					✓	✓		
C1					✓			
C2					✓			
C3			✓		✓			
C4					✓	✓		
C5							✓	
C6				✓				
F1				✓				
F2				✓	✓			

Tablo.3.2. Ulusal Yeterlilikler ile Moleküler Biyoloji ve Genetik Lisans Programı Program Çıktıları Bağlantı Tablosu / **Table.3.2.** National Qualifications and Molecular Biology and Genetics Undergraduate Program Program Outcomes Link Table

4. DERSLER / COURSES

4.1. PROGRAM ÇIKTILARI - DERSLER TABLOSU / PROGRAM OUTCOMES - COURSES TABLE

Dersler / Courses	Program Çıktıları / Program Outcomes								Dersler / Courses	Program Çıktıları / Program Outcomes							
	a	b	c	d	e	f	g	h		a	b	c	d	e	f	g	h
CHEM 101	✓	✓							MBG 210	✓	✓	✓	✓				
CHEM 102	✓	✓	✓						MBG 223	✓	✓	✓					
COMD 358			✓		✓				MBG 291		✓	✓	✓	✓	✓		
CS 115	✓						✓		MBG 301	✓			✓	✓	✓		
ENG 101					✓				MBG 302	✓	✓		✓	✓	✓		
ENG 102					✓				MBG 311	✓	✓						
GE 100						✓		✓	MBG 312	✓							
GE 250						✓		✓	MBG 316	✓		✓		✓			
GE 251						✓		✓	MBG 324	✓	✓	✓	✓	✓	✓	✓	
HIST 200			✓		✓				MBG 338	✓	✓	✓		✓			
HUM 111					✓	✓			MBG 391		✓	✓	✓	✓	✓		
HUM 112					✓	✓			MBG 416				✓	✓			
MATH 101	✓	✓	✓						MBG 491	✓		✓	✓	✓			
MATH 102	✓	✓	✓						PHYS 101	✓				✓			
MATH 262	✓								PHYS 102	✓				✓			
MBG 101	✓	✓	✓	✓	✓	✓	✓		TURK 101					✓			
MBG 102	✓	✓	✓	✓	✓	✓			TURK 102					✓			

Tablo.4.1. Moleküler Biyoloji ve Genetik Lisans Programı Program Çıktılarının Müfredat Dersleri ile Eşleşme Tablosu / **Table.4.1.** Molecular Biology and Genetics Undergraduate Program - Program Outcomes and Courses Table

4.2. PERFORMANS ÖLÇÜMÜNDE KULLANILAN METRİKLER / METRICS TO BE USED IN PERFORMANCE MEASUREMENT

4.2.1. PERFORMANS ÖLÇÜMLERİNDE KULLANILAN DEĞERLENDİRME METOTLARI // EVALUATION METHODS USED IN PERFORMANCE MEASUREMENTS

4.2.1.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;

Course Code	Program Outputs	Lab work	Final:Essay / written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade						
CHEM 101	a	50	50	100	M3	50						
	Program Outputs	Lab work	Final:Essay / written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade						
	b	50	50	100	M3	50						
Course Code	Program Outputs	Lab work	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade						
CHEM 102	a	50	50	100	M3	50						
	Program Outputs	Lab work	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade						
	b	50	50	100	M3	50						
	Program Outputs	Lab work	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade						
	c	50	50	100	M3	50						
Course Code	Program Outputs	Homework	Homework	Homework	Homework	Midterm	Project	Term project	Presentations	In-class participation	Total Contribution	Qualification Calculation Method
COMD 358	c	5	5	5	5	25	30	10	10	5	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		60	70									

Course Code	Program Outputs	Homework	Homework	Homework	Homework	Midterm	Project	Term project	Presentations	In-class participation	Total Contribution	Qualification Calculation Method
COMD 358	e	5	5	5	5	25	30	10	10	5	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		60	70									
Course Code	Program Outputs	Lab exam	Midterm:Essay /written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
CS 115	a	20	40	40	100	M1	40	75				
	Program Outputs	Lab exam	Midterm:Essay /written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	g	20	40	40	100	M1	40	75				
Course Code	Program Outputs	Academic Essay 1	Essay	Oral Presentation	Student Led Discussion	Academic Summary and Critical Response Task	Self-progress Reflection Task	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
ENG 101	e	20	25	8	7	10	5	25	100	M1	70	75
Course Code	Program Outputs	Library Skills Task	Academic Essay	Oral Presentation	Research Paper Outline	Research essay	Interviews	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
ENG 102	e	5	20	20	10	30	15	100	M1	70	70	
Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
GE 100	f	100	100	M1	12	80						
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	h	100	100	M1	12	80						

Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)					
GE 251	f	100	100	M1	70	70					
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)					
	h	100	100	M1	70	70					
Course Code	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
HIST 200	c	10	60	30	100	M1	70	75			
	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
	e	10	60	30	100	M1	70	75			
Course Code	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
HUM 111	e	30	30	10	30	100	M1	60	75		
	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	f	30	30	10	30	100	M1	60	75		
Course Code	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
HUM 112	e	30	10	30	30	100	M1	60	75		
	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	f	30	10	30	30	100	M1	60	75		

Course Code	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
MATH 101	a	30	30	40	100	M1	40	50				
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	b	30	30	40	100	M1	40	50				
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	c	30	30	40	100	M1	40	50				
Course Code	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
MATH 102	a	30	30	40	100	M1	40	50				
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	b	30	30	40	100	M1	40	50				
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	c	30	30	40	100	M1	40	50				
Course Code	Program Outputs	Midterm:Essay /written	Final:Essay/ written	Quiz	Homework	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
MATH 262	a	45	46	6	3	100	M1	20	75			
Course Code	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method
MBG 102	a	20	20	1	1	1	1	25	1	30	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		50	50									

Course Code	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/ written	Total Contribution	Qualification Calculation Method
MBG 102	b	20	20	1	1	1	1	25	1	30	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		50	50									
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/ written	Total Contribution	Qualification Calculation Method
	c	20	20	1	1	1	1	25	1	30	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		50	50									
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/ written	Total Contribution	Qualification Calculation Method
	d	20	20	1	1	1	1	25	1	30	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		50	50									
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/ written	Total Contribution	Qualification Calculation Method
	e	20	20	1	1	1	1	25	1	30	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		50	50									
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/ written	Total Contribution	Qualification Calculation Method
	f	20	20	1	1	1	1	25	1	30	100	M1
		(Average) Qualification Grade	Qualification Threshold (%)									
		50	50									

Course Code	Program Outputs	Midterm	Midterm	Final	In-class participation	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
MBG 223	a	20	20	30	10	20	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Final	In-class participation	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	b	20	20	30	10	20	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Final	In-class participation	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	c	20	20	30	10	20	100	M1	50	50	
Course Code	Program Outputs	Midterm	Final	Lab exam	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
MBG 302	a	30	40	20	10	100	M1	50	50		
	Program Outputs	Midterm	Final	Lab exam	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	b	30	40	20	10	100	M1	50	50		
	Program Outputs	Midterm	Final	Lab exam	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	d	30	40	20	10	100	M1	50	50		
	Program Outputs	Midterm	Final	Lab exam	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	e	30	40	20	10	100	M1	50	50		
	Program Outputs	Midterm	Final	Lab exam	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	f	30	40	20	10	100	M1	50	50		
Course Code	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Oral presentation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
MBG 312	a	20	20	50	10	100	M1	50	50		

Course Code	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final	Homework	In-class participation	Quiz	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MBG 316	a	20	20	30	10	10	5	5	100	M1	50	50
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final	Homework	In-class participation	Quiz	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	c	20	20	30	10	10	5	5	100	M1	50	50
	Program Outputs	Midterm:Essay /written	Midterm:Essay /written	Final	Homework	In-class participation	Quiz	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	20	20	30	10	10	5	5	100	M1	50	50
Course Code	Program Outputs	Lab work	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Case study	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
MBG 338	a	20	30	5	40	5	100	M1	50	50		
	Program Outputs	Lab work	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Case study	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	b	20	30	5	40	5	100	M1	50	50		
	Program Outputs	Lab work	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Case study	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	c	20	30	5	40	5	100	M1	50	50		
	Program Outputs	Lab work	Midterm:Essay /written	Midterm:Essay /written	Final:Essay/ written	Case study	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
e	20	30	5	40	5	100	M1	50	50			
Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
PHYS 101	a	15	20	10	10	25	20	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	e	15	20	10	10	25	20	100	M1	50	50	

Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
PHYS 102	a	20	20	10	10	20	20	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	e	20	20	10	10	20	20	100	M1	50	50	
Course Code	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)					
TURK 101	e	70	30	100	M1	70	60					
Course Code	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)					
TURK 102	e	70	30	100	M1	70	60					

Ölçümlerde Kullanılan Metotlarla İlgili Açıklamalar / *Explanations About the Methods Used in Measurements*

Bütün metotlar için sadece dersi geçen öğrencilerin notları kullanılacaktır. / *For all methods, only the grades of students who pass the course will be used.*

- G: Öğrencilerin ilgili program çıktısını kazanacağı öngörülen minimum not / *G: Minimum grade at which students attain the relevant program outcome*
- T: Dersin ilgili program çıktısının kazanımı için yeterli sayılacağı eşik öğrenci yüzdesi / *T: Threshold percentage of students for the course to be considered sufficient for the attainment of the relevant program outcome*
- M1: Öğrencilerin %T'sinin dönem toplamlarının en az G olması / *M1: T% of the students to have a semester total of at least G*
- M2: Öğrencilerin %T'sinin dönem toplamlarının en az bölümdeki dönem toplamlarının ortalaması kadar olması / *M2: T% of the students of the department to have a semester total of at least that of the department average*

- M3: Öğrencilerin dönem toplamlarının ortalamasının en az G olması / *M3: Average semester total of students of the department to be at least G*
- M4: Öğrencilerin %T'sinin dönem toplamlarının en az tüm bölümlerdeki tüm öğrencilerin dönem toplamlarının ortalaması kadar olması / *M4: T% of the students of the department to have a semester total of at least average semester total of all students from all departments*

4.2.1.2. 2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spring Semester;

Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Lab work	Final:Essay/ written	Homework	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
CHEM 101	a	20	20	20	35	5	100	M1	50	50				
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Lab work	Final:Essay/ written	Homework	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	b	20	20	20	35	5	100	M1	50	50				
Course Code	Program Outputs	Midterm	Midterm	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade								
CHEM 102	a	50	50	100	M3	50								
	Program Outputs	Midterm	Midterm	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade								
	b	50	50	100	M3	50								
	Program Outputs	Midterm	Midterm	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade								
	c	50	50	100	M3	50								
Course Code	Program Outputs	Homework	Homework	Homework	Midterm	Project	Project	Final	Final	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
COMD 358	c	5	5	10	30	10	10	10	10	10	100	M1	60	70
	Program Outputs	Homework	Homework	Homework	Midterm	Project	Project	Final	Final	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	10	5	5	30	10	10	10	10	10	100	M1	60	70
Course Code	Program Outputs	Lab exam	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
CS 115	a	20	40	40	100	M1	40	75						
	Program Outputs	Lab exam	Midterm:Essay/ written	Final:Essay/ written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	g	20	40	40	100	M1	40	75						
Course Code	Program Outputs	Academic Essay 1	Essay	Oral Presentation	Student Led Discussion	Academic Summary and Critical Response Task	Self-progress Reflection Task	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
ENG 101	e	20	25	8	7	10	5	25	100	M1	70	75		

Course Code	Program Outputs	Library Skills Task	Academic Essay	Oral Presentation	Research Paper Outline	Research essay	Interviews	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
ENG 102	e	5	20	20	10	30	15	100	M1	70	70	
Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
GE 100	f	100	100	M1	12	80						
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	h	100	100	M1	12	80						
Course Code	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
GE 251	f	100	100	M1	70	70						
	Program Outputs	In-class participation	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	h	100	100	M1	70	70						
Course Code	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
HIST 200	c	10	60	30	100	M1	70	75				
	Program Outputs	Oral presentation	Research essay	Performance	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	e	10	60	30	100	M1	70	75				
Course Code	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
HUM 111	e	30	30	10	30	100	M1	60	70			
	Program Outputs	Quizzes	Course Project	In-class participation	Final Examination	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
	f	30	30	10	30	100	M1	60	70			
Course Code	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
HUM 112	e	30	10	30	30	100	M1	60	75			
	Program Outputs	Quizzes	In-class participation	Final:Essay/ written	Project	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)			
	f	30	10	30	30	100	M1	60	75			

Course Code	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
MATH 101	a	30	30	40	100	M1	40	50						
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	b	30	30	40	100	M1	40	50						
	Program Outputs	Midterm	Midterm	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)						
	c	30	30	40	100	M1	40	50						
Course Code	Program Outputs	Midterm:Essay/written	Midterm:Essay/written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
MBG 102	a	15	15	5	5	5	5	20	5	25	100	M1	50	50
	Program Outputs	Midterm:Essay/written	Midterm:Essay/written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	b	15	15	5	5	5	5	20	5	25	100	M1	50	50
	Program Outputs	Midterm:Essay/written	Midterm:Essay/written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	c	15	15	5	5	5	5	20	5	25	100	M1	50	50
	Program Outputs	Midterm:Essay/written	Midterm:Essay/written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	d	15	15	5	5	5	5	20	5	25	100	M1	50	50
	Program Outputs	Midterm:Essay/written	Midterm:Essay/written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	e	15	15	5	5	5	5	20	5	25	100	M1	50	50
	Program Outputs	Midterm:Essay/written	Midterm:Essay/written	Homework	Homework	Quiz	Quiz	Lab work	In-class attendance	Final:Essay/written	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)
	f	15	15	5	5	5	5	20	5	25	100	M1	50	50
Course Code	Program Outputs	Midterm	Midterm	Final	In-class participation	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
MBG 223	a	20	20	30	10	20	100	M1	50	50				
	Program Outputs	Midterm	Midterm	Final	In-class participation	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	b	20	20	30	10	20	100	M1	50	50				
	Program Outputs	Midterm	Midterm	Final	In-class participation	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
	c	20	20	30	10	20	100	M1	50	50				

Course Code	Program Outputs	Midterm	Midterm	Final	Lab exam	Lab work	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
MBG 302	a	15	20	25	5	15	10	10	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Final	Lab exam	Lab work	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	b	17,5	17,5	25	6	14	10	10	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Final	Lab exam	Lab work	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	d	17,5	17,5	25	6	14	10	10	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Final	Lab exam	Lab work	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	e	17,5	17,5	25	6	14	10	10	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Final	Lab exam	Lab work	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	f	17,5	17,5	25	6	14	10	10	100	M1	50	50	
Course Code	Program Outputs	Midterm:Essay/ written	Final:Essay/ written	Oral presentation	Case study	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)				
MBG 312	a	20	20	50	10	100	M1	50	50				
Course Code	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final	Homework	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
MBG 316	a	20	20	30	10	10	10	100	M1	50	50		
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final	Homework	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	c	20	20	30	10	10	10	100	M1	50	50		
	Program Outputs	Midterm:Essay/ written	Midterm:Essay/ written	Final	Homework	In-class participation	Quiz	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	e	20	20	30	10	10	10	100	M1	50	50		
Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
PHYS 101	a	20	20	10	5	25	20	100	M1	50	50		
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)		
	e	20	20	10	5	25	20	100	M1	50	50		

Course Code	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
PHYS 102	a	20	20	10	5	25	20	100	M1	50	50	
	Program Outputs	Midterm	Midterm	Quiz	Homework	Final	Lab work	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)	
	e	20	20	10	5	25	20	100	M1	50	50	
Course Code	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)					
TURK 101	e	70	30	100	M1	70	60					
Course Code	Program Outputs	Blog	Final	Total Contribution	Qualification Calculation Method	(Average) Qualification Grade	Qualification Threshold (%)					
TURK 102	e	70	30	100	M1	70	60					

Ölçümlerde Kullanılan Metotlarla İlgili Açıklamalar / *Explanations About the Methods Used in Measurements*

Bütün metotlar için sadece dersi geçen öğrencilerin notları kullanılacaktır. / *For all methods, only the grades of students who pass the course will be used.*

- G: Öğrencilerin ilgili program çıktısını kazanacağı öngörülen minimum not / *G: Minimum grade at which students attain the relevant program outcome*
- T: Dersin ilgili program çıktısının kazanımı için yeterli sayılacağı eşik öğrenci yüzdesi / *T: Threshold percentage of students for the course to be considered sufficient for the attainment of the relevant program outcome*
- M1: Öğrencilerin %T'sinin dönem toplamlarının en az G olması / *M1: T% of the students to have a semester total of at least G*
- M2: Öğrencilerin %T'sinin dönem toplamlarının en az bölümdeki dönem toplamlarının ortalaması kadar olması / *M2: T% of the students of the department to have a semester total of at least that of the department average*
- M3: Öğrencilerin dönem toplamlarının ortalamasının en az G olması / *M3: Average semester total of students of the department to be at least G*
- M4: Öğrencilerin %T'sinin dönem toplamlarının en az tüm bölümlerdeki tüm öğrencilerin dönem toplamlarının ortalaması kadar olması / *M4: T% of the students of the department to have a semester total of at least average semester total of all students from all departments*

4.2.2. PERFORMANS ÖLÇÜMLERİNDE KULLANILAN METOTLAR VE PERFORMANS SONUÇ DETAYLARI / METHODS USED IN PERFORMANCE MEASUREMENTS AND PERFORMANCE RESULT DETAILS

4.2.2.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;

Program Çıktısı/ Program Outcome	Yeterlilik Hesaplama Yöntemi/ Method	(Ortalama) Yeterlilik Notu/ Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı/ Number of Students (All)	Toplam Dept. Öğrenci Sayısı/ Number of Students (Dept.)	Tüm Öğrenci Ort./ Average (All Std.)	Dept. Öğrenci Ort./ Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam)/ Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci)/ Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci)/ Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı/ Success Ratio
CHEM 101 - Kimyanın Temelleri I / CHEM 101 - Principles of Chemistry I													
a	M3	50		29	17	66.16	65.28	26	16	89.66	94.12	Yeterli ✓ / Sufficient ✓	65.28
b	M3	50		29	17	66.16	65.28	26	16	89.66	94.12	Yeterli ✓ / Sufficient ✓	65.28
CHEM 102 - Kimyanın Temelleri II / CHEM 102 - Principles of Chemistry II													
a	M3	50		90	54	76.12	74.72	90	54	100	100	Yeterli ✓ / Sufficient ✓	74.72
b	M3	50		90	54	76.12	74.72	90	54	100	100	Yeterli ✓ / Sufficient ✓	74.72
c	M3	50		90	54	76.12	74.72	90	54	100	100	Yeterli ✓ / Sufficient ✓	74.72
COMD 358 - Profesyonel İletişim / COMD 358 - Professional Communication													
c	M1	60	70	392	41	84.56	88.36	388	41	98.98	100	Yeterli ✓ / Sufficient ✓	100
e	M1	60	70	392	41	84.56	88.36	388	41	98.98	100	Yeterli ✓ / Sufficient ✓	100
CS 115 - Python ile Programlamaya Giriş / CS 115 - Introduction to Programming in Python													
a	M1	40	75	248	21	69.08	59.82	241	20	97.18	95.24	Yeterli ✓ / Sufficient ✓	95.24
g	M1	40	75	248	21	69.08	59.82	241	20	97.18	95.24	Yeterli ✓ / Sufficient ✓	95.24
ENG 101 - İngilizce ve Kompozisyon I / ENG 101 - English and Composition I													
e	M1	70	75	649	13	83.22	83.25	605	13	93.22	100	Yeterli ✓ / Sufficient ✓	100
ENG 102 - İngilizce ve Kompozisyon II / ENG 102 - English and Composition II													
e	M1	70	70	1495	47	86.43	88.79	1456	47	97.39	100	Yeterli ✓ / Sufficient ✓	100

Program Çıktısı/ Program Outcome	Yeterlilik Hesaplama Yöntemi/ Method	(Ortalama) Yeterlilik Notu/ Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı/ Number of Students (All)	Toplam Dept. Öğrenci Sayısı/ Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
GE 100 - Üniversite Hayatına Giriş / GE 100 - Orientation													
f	M1	12	80	499	12	96.41	98.75	499	12	100	100	Yeterli ✓ / Sufficient ✓	100
h	M1	12	80	499	12	96.41	98.75	499	12	100	100	Yeterli ✓ / Sufficient ✓	100
GE 251 - Üniversite Etkinlik Programı II / GE 251 - Collegiate Activities Program II													
f	M1	70	70	1344	35	92.86	98.14	1244	35	92.56	100	Yeterli ✓ / Sufficient ✓	100
h	M1	70	70	1344	35	92.86	98.14	1244	35	92.56	100	Yeterli ✓ / Sufficient ✓	100
HIST 200 - Türkiye Tarihi / HIST 200 - History of Turkey													
c	M1	70	75	959	6	93.22	94.45	949	6	98.96	100	Yeterli ✓ / Sufficient ✓	100
e	M1	70	75	959	6	93.22	94.45	949	6	98.96	100	Yeterli ✓ / Sufficient ✓	100
HUM 111 - Kùltürler, Medeniyetler ve Düşünceler I / HUM 111 - Cultures Civilizations and Ideas I													
e	M1	60	75	472	21	82.29	86.05	472	21	100	100	Yeterli ✓ / Sufficient ✓	100
f	M1	60	75	472	21	82.29	86.05	472	21	100	100	Yeterli ✓ / Sufficient ✓	100
HUM 112 - Kùltürler, Medeniyetler ve Düşünceler II / HUM 112 - Cultures Civilizations and Ideas II													
e	M1	60	75	1010	51	85.5	88.61	1006	51	99.6	100	Yeterli ✓ / Sufficient ✓	100
f	M1	60	75	1010	51	85.5	88.61	1006	51	99.6	100	Yeterli ✓ / Sufficient ✓	100
MATH 101 - Matematik I / MATH 101 - Calculus I													
a	M1	40	50	230	10	59.11	43.83	178	5	77.39	50	Yeterli ✓ / Sufficient ✓	50
b	M1	40	50	230	10	59.11	43.83	178	5	77.39	50	Yeterli ✓ / Sufficient ✓	50
c	M1	40	50	230	10	59.11	43.83	178	5	77.39	50	Yeterli ✓ / Sufficient ✓	50

Program Çıktısı/ Program Outcome	Yeterlilik Hesaplama Yöntemi/ Method	(Ortalama) Yeterlilik Notu/ Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı/ Number of Students (All)	Toplam Dept. Öğrenci Sayısı/ Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
MATH 102 - Matematik II / MATH 102 - Calculus II													
a	M1	40	50	683	55	58.29	47.07	557	38	81.55	69.09	Yeterli ✓ / Sufficient ✓	69.09
b	M1	40	50	683	55	58.29	47.07	557	38	81.55	69.09	Yeterli ✓ / Sufficient ✓	69.09
c	M1	40	50	683	55	58.29	47.07	557	38	81.55	69.09	Yeterli ✓ / Sufficient ✓	69.09
MATH 262 - İstatistik Yöntemleri / MATH 262 - Statistical Methodology													
a	M1	20	75	64	63	67.51	67.54	64	63	100	100	Yeterli ✓ / Sufficient ✓	100
MBG 102 - Biyoloji II / MBG 102 - Biology II													
a	M1	50	50	63	61	77.3	77.54	63	61	100	100	Yeterli ✓ / Sufficient ✓	100
b	M1	50	50	63	61	77.3	77.54	63	61	100	100	Yeterli ✓ / Sufficient ✓	100
c	M1	50	50	63	61	77.3	77.54	63	61	100	100	Yeterli ✓ / Sufficient ✓	100
d	M1	50	50	63	61	77.3	77.54	63	61	100	100	Yeterli ✓ / Sufficient ✓	100
e	M1	50	50	63	61	77.3	77.54	63	61	100	100	Yeterli ✓ / Sufficient ✓	100
f	M1	50	50	63	61	77.3	77.54	63	61	100	100	Yeterli ✓ / Sufficient ✓	100
MBG 223 - Moleküler Genetik / MBG 223 - Molecular Genetics													
a	M1	50	50	53	53	77.01	77.01	53	53	100	100	Yeterli ✓ / Sufficient ✓	100
b	M1	50	50	53	53	77.01	77.01	53	53	100	100	Yeterli ✓ / Sufficient ✓	100
c	M1	50	50	53	53	77.01	77.01	53	53	100	100	Yeterli ✓ / Sufficient ✓	100

Program Çıktısı/ Program Outcome	Yeterlilik Hesaplama Yöntemi/ Method	(Ortalama) Yeterlilik Notu/ Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı/ Number of Students (All)	Toplam Dept. Öğrenci Sayısı/ Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
MBG 302 - Moleküler Hücre Biyolojisi II/ MBG 302 - Molecular Biology of the Cell II													
a	M1	50	50	64	64	66.63	66.63	58	58	90.63	90.63	Yeterli ✓ / Sufficient ✓	90.63
b	M1	50	50	64	64	66.63	66.63	58	58	90.63	90.63	Yeterli ✓ / Sufficient ✓	90.63
d	M1	50	50	64	64	66.63	66.63	58	58	90.63	90.63	Yeterli ✓ / Sufficient ✓	90.63
e	M1	50	50	64	64	66.63	66.63	58	58	90.63	90.63	Yeterli ✓ / Sufficient ✓	90.63
f	M1	50	50	64	64	66.63	66.63	58	58	90.63	90.63	Yeterli ✓ / Sufficient ✓	90.63
MBG 312 - Biyokimya II/ MBG 312 - Biochemistry II													
a	M1	50	50	67	66	77.07	77.32	67	66	100	100	Yeterli ✓ / Sufficient ✓	100
MBG 316 - Fizyoloji / MBG 316 - Physiology													
a	M1	50	50	80	74	80.89	80.98	80	74	100	100	Yeterli ✓ / Sufficient ✓	100
c	M1	50	50	80	74	80.89	80.98	80	74	100	100	Yeterli ✓ / Sufficient ✓	100
e	M1	50	50	80	74	80.89	80.98	80	74	100	100	Yeterli ✓ / Sufficient ✓	100
MBG 338 - Mikrobiyoloji/ MBG 338 - Microbiology													
a	M1	50	50	57	57	70.17	70.17	55	55	96.49	96.49	Yeterli ✓ / Sufficient ✓	96.49
b	M1	50	50	57	57	70.17	70.17	55	55	96.49	96.49	Yeterli ✓ / Sufficient ✓	96.49
c	M1	50	50	57	57	70.17	70.17	55	55	96.49	96.49	Yeterli ✓ / Sufficient ✓	96.49
e	M1	50	50	57	57	70.17	70.17	55	55	96.49	96.49	Yeterli ✓ / Sufficient ✓	96.49

Program Çıktısı/ Program Outcome	Yeterlilik Hesaplama Yöntemi/ Method	(Ortalama) Yeterlilik Notu/ Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı/ Number of Students (All)	Toplam Dept. Öğrenci Sayısı/ Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
PHYS 101 - Genel Fizik I / PHYS 101 - General Physics I													
a	M1	50	50	257	8	64.34	56.46	222	6	86.38	75	Yeterli ✓ / Sufficient ✓	75
e	M1	50	50	257	8	64.34	56.46	222	6	86.38	75	Yeterli ✓ / Sufficient ✓	75
PHYS 102 - Genel Fizik II / PHYS 102 - General Physics II													
a	M1	50	50	608	57	67.25	59.73	551	50	90.63	87.72	Yeterli ✓ / Sufficient ✓	87.72
e	M1	50	50	608	57	67.25	59.73	551	50	90.63	87.72	Yeterli ✓ / Sufficient ✓	87.72
TURK 101 - Türkçe I / TURK101 - Turkish I													
e	M1	70	60	601	14	86.62	90.15	587	14	97.67	100	Yeterli ✓ / Sufficient ✓	100
TURK 102 - Türkçe II / TURK102 - Turkish II													
e	M1	70	60	1446	43	88.83	90.98	1431	42	98.96	97.67	Yeterli ✓ / Sufficient ✓	97.67

4.2.2.2. 2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spring Semester;

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / Method	(Ortalama) Yeterlilik Notu / Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı / Number of Students (All)	Toplam Dept. Öğrenci Sayısı / Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
CHEM 101 - Kimyanın Temelleri I / CHEM 101 - Principles of Chemistry I													
a	M1	50	50	39	22	55.77	54.69	28	14	71.79	63.64	Yeterli ✓ / Sufficient ✓	63.64
b	M1	50	50	39	22	55.77	54.69	28	14	71.79	63.64	Yeterli ✓ / Sufficient ✓	63.64
CHEM 102 - Kimyanın Temelleri II / CHEM 102 - Principles of Chemistry II													
a	M3	50		106	55	60.55	55.79	79	33	74.53	60.00	Yeterli ✓ / Sufficient ✓	55.79
b	M3	50		106	55	60.55	55.79	79	33	74.53	60.00	Yeterli ✓ / Sufficient ✓	55.79
c	M3	50		106	55	60.55	55.79	79	33	74.53	60.00	Yeterli ✓ / Sufficient ✓	55.79
COMD 358 - Profesyonel İletişim / COMD 358 - Professional Communication													
c	M1	60	70	337	11	79.62	86.77	334	11	99.11	100.00	Yeterli ✓ / Sufficient ✓	100.00
e	M1	60	70	337	11	79.62	86.77	334	11	99.11	100.00	Yeterli ✓ / Sufficient ✓	100.00
CS 115 - Python ile Programlamaya Giriş / CS 115 - Introduction to Programming in Python													
a	M1	40	75	273	23	67.50	60.60	269	23	98.53	100.00	Yeterli ✓ / Sufficient ✓	100.00
g	M1	40	75	273	23	67.50	60.60	269	23	98.53	100.00	Yeterli ✓ / Sufficient ✓	100.00
ENG 101 - İngilizce ve Kompozisyon I / ENG 101 - English and Composition I													
e	M1	70	75	672	21	81.86	84.51	623	21	92.71	100.00	Yeterli ✓ / Sufficient ✓	100.00
ENG 102 - İngilizce ve Kompozisyon II / ENG 102 - English and Composition II													
e	M1	70	70	1314	39	85.76	88.33	1284	37	97.72	94.87	Yeterli ✓ / Sufficient ✓	94.87
GE 100 - Üniversite Hayatına Giriş / GE 100 - Orientation													
f	M1	12	80	545	17	95.50	98.24	545	17	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
h	M1	12	80	545	17	95.50	98.24	545	17	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
GE 251 - Üniversite Etkinlik Programı II / GE 251 - Collegiate Activities Program II													
f	M1	70	70	1401	36	93.93	98.89	1301	36	92.86	100.00	Yeterli ✓ / Sufficient ✓	100.00
h	M1	70	70	1401	36	93.93	98.89	1301	36	92.86	100.00	Yeterli ✓ / Sufficient ✓	100.00

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / Method	(Ortalama) Yeterlilik Notu / Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı / Number of Students (All)	Toplam Dept. Öğrenci Sayısı / Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
HIST 200 - Türkiye Tarihi / HIST 200 - History of Turkey													
c	M1	70	75	917	11	91.63	89.96	900	11	98.15	100.00	Yeterli ✓ / Sufficient ✓	100.00
e	M1	70	75	917	11	91.63	89.96	900	11	98.15	100.00	Yeterli ✓ / Sufficient ✓	100.00
HUM 111 - Kùltürler, Medeniyetler ve Düşünceler I / HUM 111 - Cultures Civilizations and Ideas I													
e	M1	60	70	504	7	81.94	88.99	500	7	99.21	100.00	Yeterli ✓ / Sufficient ✓	100.00
f	M1	60	70	504	7	81.94	88.99	500	7	99.21	100.00	Yeterli ✓ / Sufficient ✓	100.00
HUM 112 - Kùltürler, Medeniyetler ve Düşünceler II / HUM 112 - Cultures Civilizations and Ideas II													
e	M1	60	75	1009	55	85.11	89.58	1002	55	99.31	100.00	Yeterli ✓ / Sufficient ✓	100.00
f	M1	60	75	1009	55	85.11	89.58	1002	55	99.31	100.00	Yeterli ✓ / Sufficient ✓	100.00
MATH 101 - Matematik I / MATH 101 - Calculus I													
a	M1	40	50	220	13	52.69	43.40	149	6	67.73	46.15	İyileştirmeye Açık! / Insufficient!	46.15
b	M1	40	50	220	13	52.69	43.40	149	6	67.73	46.15	İyileştirmeye Açık! / Insufficient!	46.15
c	M1	40	50	220	13	52.69	43.40	149	6	67.73	46.15	İyileştirmeye Açık! / Insufficient!	46.15
MBG 102 - Biyoloji II / MBG 102 - Biology II													
a	M1	50	50	61	59	73.73	73.34	59	57	96.72	96.61	Yeterli ✓ / Sufficient ✓	96.61
b	M1	50	50	61	59	73.73	73.34	59	57	96.72	96.61	Yeterli ✓ / Sufficient ✓	96.61
c	M1	50	50	61	59	73.73	73.34	59	57	96.72	96.61	Yeterli ✓ / Sufficient ✓	96.61
d	M1	50	50	61	59	73.73	73.34	59	57	96.72	96.61	Yeterli ✓ / Sufficient ✓	96.61
e	M1	50	50	61	59	73.73	73.34	59	57	96.72	96.61	Yeterli ✓ / Sufficient ✓	96.61
f	M1	50	50	61	59	73.73	73.34	59	57	96.72	96.61	Yeterli ✓ / Sufficient ✓	96.61
MBG 223 - Moleküler Genetik / MBG 223 - Molecular Genetics													
a	M1	50	50	64	64	75.50	75.50	61	61	95.31	95.31	Yeterli ✓ / Sufficient ✓	95.31
b	M1	50	50	64	64	75.50	75.50	61	61	95.31	95.31	Yeterli ✓ / Sufficient ✓	95.31
c	M1	50	50	64	64	75.50	75.50	61	61	95.31	95.31	Yeterli ✓ / Sufficient ✓	95.31

Program Çıktısı / Program Outcome	Yeterlilik Hesaplama Yöntemi / Method	(Ortalama) Yeterlilik Notu / Minimum Successful Grade	Yeterlilik Eşiği (%) / Threshold Percentage (%)	Toplam Öğrenci Sayısı / Number of Students (All)	Toplam Dept. Öğrenci Sayısı / Number of Students (Dept.)	Tüm Öğrenci Ort. / Average (All Std.)	Dept. Öğrenci Ort. / Average (Dept. Std.)	Yeterliliği Sağlayan Öğrenci Sayısı (Toplam) / Number of Succ. Students (All)	Yeterliliği Sağlayan Öğrenci Sayısı (Dept.) / Number of Succ. Students (Dept.)	Yeterlilik Oranı (Toplam Öğrenci) / Success Ratio (All)	Yeterlilik Oranı (Bölüm Öğrenci) / Success Ratio (Dept.)	Performans / Performance	Yeterlilik Oranı / Success Ratio
MBG 302 - Moleküler Hücre Biyolojisi II / MBG 302 - Molecular Biology of the Cell II													
a	M1	50	50	57	57	77.87	77.87	57	57	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
b	M1	50	50	57	57	78.06	78.06	57	57	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
d	M1	50	50	57	57	78.06	78.06	57	57	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
e	M1	50	50	57	57	78.06	78.06	57	57	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
f	M1	50	50	57	57	78.06	78.06	57	57	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
MBG 312 - Biyokimya II / MBG 312 - Biochemistry II													
a	M1	50	50	57	55	84.62	84.90	57	55	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
MBG 316 - Fizyoloji / MBG 316 - Physiology													
a	M1	50	50	62	50	75.13	75.40	62	50	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
c	M1	50	50	62	50	75.13	75.40	62	50	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
e	M1	50	50	62	50	75.13	75.40	62	50	100.00	100.00	Yeterli ✓ / Sufficient ✓	100.00
PHYS 101 - Genel Fizik I / PHYS 101 - General Physics I													
a	M1	50	50	197	1	65.15	55.28	157	1	79.70	100.00	Yeterli ✓ / Sufficient ✓	100.00
e	M1	50	50	197	1	65.15	55.28	157	1	79.70	100.00	Yeterli ✓ / Sufficient ✓	100.00
PHYS 102 - Genel Fizik II / PHYS 102 - General Physics II													
a	M1	50	50	649	67	66.67	58.94	570	53	87.83	79.10	Yeterli ✓ / Sufficient ✓	79.10
e	M1	50	50	649	67	66.67	58.94	570	53	87.83	79.10	Yeterli ✓ / Sufficient ✓	79.10
TURK 101 - Türkçe I / TURK 101 - Turkish I													
e	M1	70	60	597	21	85.40	86.44	578	21	96.82	100.00	Yeterli ✓ / Sufficient ✓	100.00
TURK 102 - Türkçe II / TURK 102 - Turkish II													
e	M1	70	60	1352	39	88.98	89.21	1335	39	98.74	100.00	Yeterli ✓ / Sufficient ✓	100.00

4.3. PERFORMANS ÖLÇÜM SONUÇLARI / PERFORMANCE MEASUREMENT RESULTS

4.3.1. PROGRAM ÇIKTILARI PERFORMANS TABLOSU / PROGRAM OUTCOMES PERFORMANCE TABLE

4.3.1.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;

Dersler/ Courses	Program Çıktıları / Program Outcomes							
	a	b	c	d	e	f	g	h
CHEM 101	65.3	65.3						
CHEM 102	74.7	74.7	74.7					
COMD 358			100		100			
CS 115	95.2						95.2	
ENG 101					100			
ENG 102					100			
GE 100						100		100
GE 251						100		100
HIST 200			100		100			
HUM 111					100	100		
HUM 112					100	100		
MATH 101	50	50	50					
MATH 102	69.1	69.1	69.1					
MATH 262	100							
MBG 102	100	100	100	100	100	100		
MBG 223	100	100	100					
MBG 302	90.6	90.6		90.6	90.6	90.6		
MBG 312	100							
MBG 316	100		100		100			
MBG 338	96.5	96.5	96.5		96.5			
PHYS 101	75				75			
PHYS 102	87.7				87.7			
TURK 101					100			
TURK 102					97.7			

Tablo.4.3.1.1. 2025-2026 Akademik Yılı Güz Dönemi Moleküler Biyoloji ve Genetik Lisans Programı Program Çıktıları Performans Tablosu / *Table.4.3.1.1.* 2025-2026 Academic Year Fall Semester Molecular Biology and Genetics Undergraduate Program - Program Outcomes Performance Table

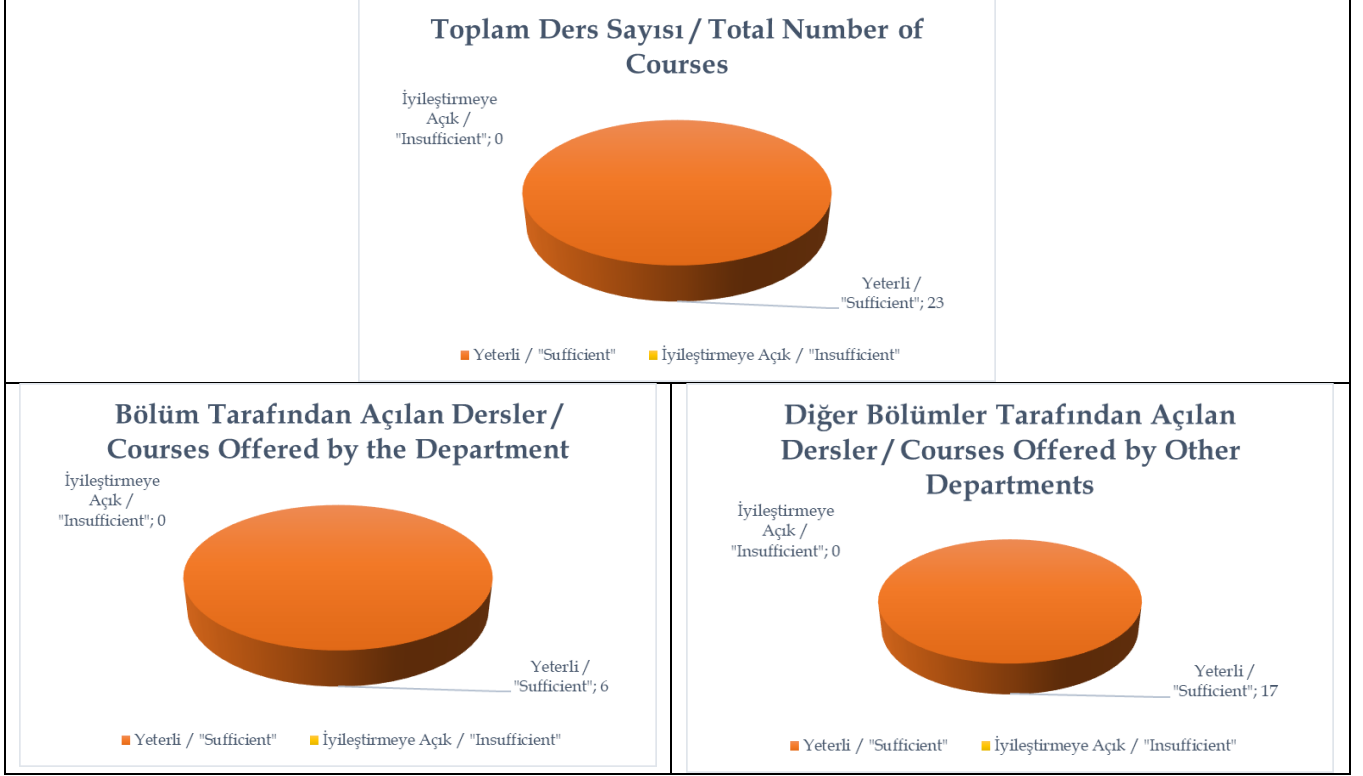
4.3.1.2. 2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-202 Academic Year Spring Semester;

Dersler / Courses	Program Çıktıları / Program Outcomes							
	a	b	c	d	e	f	g	h
CHEM 101	63.64	63.64						
CHEM 102	55.79	55.79	55.79					
COMD 358			100.00		100.00			
CS 115	100.00						100.00	
ENG 101					100.00			
ENG 102					94.87			
GE 100						100.00		100.00
GE 251						100.00		100.00
HIST 200			100.00		100.00			
HUM 111					100.00	100.00		
HUM 112					100.00	100.00		
MATH 101	46.15	46.15	46.15					
MBG 102	96.61	96.61	96.61	96.61	96.61	96.61		
MBG 223	95.31	95.31	95.31					
MBG 302	100.00	100.00		100.00	100.00	100.00		
MBG 312	100.00							
MBG 316	100.00		100.00		100.00			
PHYS 101	100.00				100.00			
PHYS 102	79.10				79.10			
TURK 101					100.00			
TURK 102					100.00			

Tablo.4.3.1.2. 2025-2026 Akademik Yılı Bahar Dönemi Moleküler Biyoloji ve Genetik Lisans Programı Program Çıktıları Performans Tablosu / **Table.4.3.1.2.** 2025-2026 Academic Year Spring Semester Molecular Biology and Genetics Undergraduate Program - Program Outcomes Performance Table

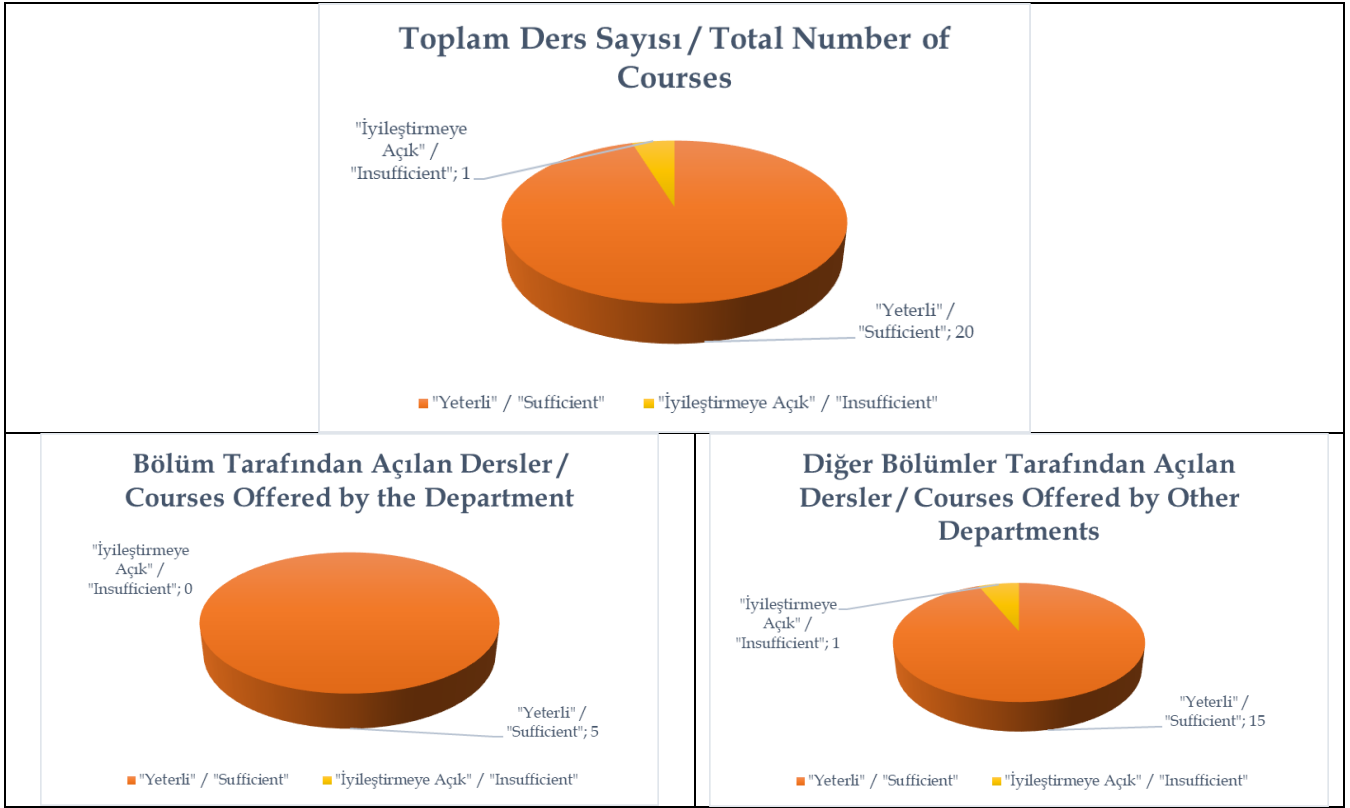
4.3.2. PROGRAM ÇIKTILARI PERFORMANS ANALİZLERİ / PROGRAM OUTCOMES PERFORMANCE ANALYSIS

4.3.2.1. 2025-2026 Akademik Yılı Güz Dönemi için / For 2025-2026 Academic Year Fall Semester;



Tablo.4.3.2.1. 2025-2026 Akademik Yılı Güz Dönemi Moleküler Biyoloji ve Genetik Lisans Programı Program Çıktıları Performans Analizleri Tablosu (Dersler için) / **Table.4.3.2.1.** 2025-2026 Academic Year Fall Semester Molecular Biology and Genetics Undergraduate Program - Program Outcomes Performance Analysis Table (For Courses)

4.3.2.2. 2025-2026 Akademik Yılı Bahar Dönemi için / For 2025-2026 Academic Year Spring Semester;



Tablo.4.3.2.2. 2025-2026 Akademik Yılı Bahar Dönemi Moleküler Biyoloji ve Genetik Lisans Programı Program Çıktıları Performans Analizleri Tablosu (Dersler için) / **Table.4.3.2.2.** 2025-2026 Academic Year Spring Semester Molecular Biology and Genetics Undergraduate Program - Program Outcomes Performance Analysis Table (For Courses)

	MATH 101 için a, b ve c program çıktılarında yeterlilik kriteri sağlanamamıştır. / The qualification criteria for MATH 101, program outcomes a, b and c were insufficient.
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5. DEĞERLENDİRME / EVALUATION

5.1. PROGRAM ÇIKTILARI ÖLÇÜM SONUÇLARININ DEĞERLENDİRİLMESİ / EVALUATION OF PROGRAM OUTCOMES MEASUREMENT RESULTS

During the 2025–2026 academic year, the performance assessment matrices used in courses taken by Molecular Biology and Genetics (MBG) students remained largely consistent with those of the 2024–2025 academic year. However, a few notable updates were made:

MBG 311 – Biochemistry I, offered in the Fall semester, was taught for the first time by Dr. Ayça Arslan Ergül From UNAM, following the departure of Dr. Urartu Özgür Şafak Şeker at the beginning of the 2024–2025 Academic Year. Dr. Arslan Ergül made minor adjustments to the assessment methods to better align with her teaching style. In particular:

- The number of quizzes (pop quiz exams) increased from 5 to 10. The total contribution of these quizzes remained unchanged.

Following calculations for the 2025–2026 academic year - fall and spring semesters, all courses, excluding MATH 101, were found to achieve satisfactory performance ratios.

- MATH 101 failed to meet performance thresholds, which were set to 50, for the program outcomes a, b and c in the 2025–2026 Spring Semester.

For the first time in the 2025–2026 academic year, Master's and Doctoral programs were included in the performance assessment process. The target success rates for all QME courses were achieved in both programs.

Moreover, all program outcomes (a through g) defined for the MBG Department during the 2025–2026 academic year (as outlined in subsection 3.1) successfully met the designated sufficiency criteria. Furthermore, every program outcome was backed by an adequate number of courses this academic year.

Course-specific performance evaluations are presented in Table 4.2. Monitoring and assessment using these criteria will continue in the 2026–2027 academic year to ensure sustained quality and alignment with learning objectives.

5.2. EĞİTİM AMAÇLARININ DEĞERLENDİRİLMESİ / EVALUATION OF EDUCATIONAL OBJECTIVES

The curriculum of the MBG department adheres to the educational objectives 1 through 4 as stated in 1.1. The faculty composition in the MBG Department has remained dynamic in recent years, requiring regular adjustments in course assignments and evaluations as new members join the team. To accommodate the departure of several faculty members, multiple courses have been redistributed among the remaining faculty, and a part-time instructor has been recruited.

At the beginning of the 2025–2026 academic year, Dr. Ergül Dilan Celebi Birand joined the Department of Molecular Biology and Genetics as an Instructor. Dr. Çelebi Birand has since been acting as the MBG 110 (Introduction to Molecular Biology), MBG 291 - Summer Practice

I and MBG 391 - Summer Practice II course coordinator. These roles were previously held by Dr. Özhan Öçal, who left the department at the conclusion of the 2024–2025 academic year.

- In the fall semester, Dr. Çelebi Birand taught three sections of MBG 110, a service course, and MBG 101 - Biology I in the absence of Dr. Volkan Yazar.
- In the spring semester, she delivered three sections of MBG 110, and MBG 338 - Microbiology.
- The MBG 110 and MBG 101 in the fall semester and MBG 338 in the spring semester marked her first time teaching these courses.

Dr. Serkan İsmail Göktuna left the department at the beginning of 2025-2026 academic year. During the 2024-2025 academic year, Dr. Göktuna taught MBG 110 and MBG 489 - Genetics and Biology of Cancer in the fall semester, and MBG 110 in the Spring semester. Dr. Ilyas Chachoua taught MBG 489 in the fall semester 2025-2026 semester for the first time.

MBG 316 - Physiology course, which has been offered as two sections in the 2024-2025 academic year - spring semester and taught by Dr. Onur Çizmecioğlu and Turgay Dalkara, was offered as a single section and taught by Dr. Turgay Dalkara in the 2025-2026 academic year - spring semester.

In the fall semester, Dr. Erdem Erikçi joined the department as a part-time instructor, and he taught two sections of MBG 110 per semester in fall and spring semesters.

Elective Course Adjustments and YÖK Compliance

The MBG department has adhered to the Turkish Higher Education Council (YÖK) guidelines, which require that 25% of undergraduate curricula consist of elective courses.

Bachelor's Thesis Track in the Curriculum

The Bachelor's Thesis track, which was introduced during the 2024-2025 academic year and within the existing MBG 491 and MBG 492 Senior Project I & II framework, has been continued in the 2025-2026 academic year.

- In 2025–2026 academic year, the MBG 492 (Senior Project with Thesis) course was coordinated by Dr. Ilyas Chachoua for the second time.
- Twelve MBG students successfully completed and defended their Bachelor's Theses, conducting their research in MBG and UNAM laboratories. The details of the research presented can be found here: <https://mbg.bilkent.edu.tr/mbg-undergraduate-thesis-announcement/>

Summer Outreach: High School Summer Camp

- The MBG Department participated actively in the summer camp program for high school students (grades 9–11), held from June 30–July 11 2025, with faculty members designing and teaching courses that introduced key topics in molecular biology, genetics, and contemporary biological challenges. Following the first year's success, this year, the program included a broader range of courses, taking advantage of the increased variety with the new faculty in the department.

In summary, the curriculum with minor changes was implemented successfully in the 2025-2026 Academic Year. The educational processes and results will be monitored in the following periods.