

2023-2024 EĞİTİM ÖĞRETİM YILI BAHAR DÖNEMİ BİYOMÜHENDİSLİK LİSANS DERS PROGRAMI

1.SINIF

DS	PAZARTESİ	SALI	ÇARŞAMBA	PERŞEMBE	CUMA
08.30-09.20	PHYS152 - 11	PHYS122.1 - 2 - 3 - 4 - 5	MATH102.1 - 2 - 3 - 4 MATH101		
09.30-10.20	PHYS152 - 11	PHYS122.1 - 2 - 3 - 4 - 5	MATH102.1 - 2 - 3 - 4 MATH101		CHEM 102 -3
10.30-11.20	PHYS152 - 12	PHYS122.6-7 - 8 - 9 - 10	MATH102.5 - 6 - 7 - 8		CHEM 102 -3
11.30-12.20	PHYS152 - 12	PHYS122.6-7 - 8 - 9 - 10	MATH102.5 - 6 - 7 - 8		CHEM 102 -3
13.30-14.20	CHEM 106		BENG101 Fundamentals of Bioengineering BYM001		TUR102
14.30-15.20	CHEM 106	MATH116.1 - 2 - 3 - 4 - 5	BENG101 Fundamentals of Bioengineering BYM001		TUR102
15.30-16.20	CHEM 106	MATH116.1 - 2 - 3 - 4 - 5	BENG101 Fundamentals of Bioengineering BYM001		
16.30-17.20		MATH116.1 - 2 - 3 - 4 - 5			

*MATH102, PHYS122, PHYS152, dersleri section halinde açılmış olup, öğrenciler kendi programına uygun olan saatte alabilirler.

* TUR102 dersi online olarak işlenecektir. Geri kalan dersler yüz yüze yapılacaktır.

2.SINIF

	PAZARTESİ	SALI	ÇARŞAMBA	PERŞEMBE	CUMA
08.30-09.20			GTU101 BYM001	GTU110 BYM001	
09.30-10.20	BENG212 Thermodynamics for Bioengineers BİYOMÜH. AMFİ		BENG214 Fluid Mechanics BYM001	BENG212 Thermodynamics for Bioengineers (Uygulama) BYM001	MATH 214 1. - 2 - 3 - 4
10.30-11.20	BENG212 Thermodynamics for Bioengineers BİYOMÜH. AMFİ		BENG214 Fluid Mechanics BYM001		MATH 214 1. - 2 - 3 - 4
11.30-12.20	BENG212 Thermodynamics for Bioengineers BİYOMÜH. AMFİ		BENG214 Fluid Mechanics BYM001		MATH 214 1. - 2 - 3 - 4
13.30-14.20		BENG232 Fundamentals of Biomaterials BİYOMÜH. AMFİ		ENGL112 BİYOMÜH AMFİ	BENG222 Biochemistry BYM001
14.30-15.20		BENG232 Fundamentals of Biomaterials BİYOMÜH. AMFİ		ENGL112 BİYOMÜH AMFİ	BENG222 Biochemistry BYM001
15.30-16.20	HIS102	BENG232 Fundamentals of Biomaterials BİYOMÜH. AMFİ			BENG222 Biochemistry BYM001
16.30-17.20	HIS102				

* HIS102 dersi online olarak işlenecektir.

*GTU101 ve GTU110 Non-technical Elective dersidir.

3.SINIF

	PAZARTESİ	SALI	ÇARŞAMBA	PERŞEMBE	CUMA
08.30-09.20					
09.30-10.20	BENG312 Bioprocess Engineering Principles BYM001		BENG302 OGR.LAB.	BENG332 Fundamentals of Biomechanics BİYOMÜH AMFİ	
10.30-11.20	BENG312 Bioprocess Engineering Principles BYM001		BENG302 OGR.LAB.	BENG332 Fundamentals of Biomechanics BİYOMÜH AMFİ	
11.30-12.20	BENG312 Bioprocess Engineering Principles BYM001		BENG302 OGR.LAB.	BENG332 Fundamentals of Biomechanics BİYOMÜH AMFİ	
13.30-14.20	BENG 314 Mathematical Modelling & Control in Bioengineering BİYOMÜH. AMFİ		BENG302 OGR.LAB.	BENG316 Bioseparation BYM001	
14.30-15.20	BENG 314 Mathematical Modelling & Control in Bioengineering BİYOMÜH. AMFİ		BENG302 OGR.LAB.	BENG316 Bioseparation BYM001	
15.30-16.20	BENG 314 Mathematical Modelling & Control in Bioengineering BİYOMÜH. AMFİ		BENG302 OGR.LAB.	BENG316 Bioseparation BYM001	
16.30-17.20					ENG 402 (ONLINE)

4.SINIF

	PAZARTESİ	SALI	ÇARŞAMBA	PERŞEMBE	CUMA
08.30 - 09.20					
09.30 - 10.20	BENG466 Structural Bioinformatics and Computational Drug Design BİYOTEKNOLOJİ AMFİSİ	BENG415 Bioinformatic Data Analysis BYM001 BENG 456 Applications of Cancer Biology in Bioengineering BİYOMÜH. AMFİ	BENG400 Advanced Orthopaedic and Dental Biomechanics Laboratory BYM004 BENG436 Plant Biotechnology BİYOMÜH. AMFİ	BENG416 Introduction to Microbiology BMY004	BENG459 Genetics, Cell Biology and Biotechnical Applications of Yeast BİYOMÜH. AMFİ
10.30 - 11.20	BENG466 Structural Bioinformatics and Computational Drug Design BİYOTEKNOLOJİ AMFİSİ	BENG415 Bioinformatic Data Analysis BYM001 BENG 456 Applications of Cancer Biology in Bioengineering BİYOMÜH. AMFİ	BENG400 Advanced Orthopaedic and Dental Biomechanics Laboratory BYM004 BENG436 Plant Biotechnology BİYOMÜH. AMFİ	BENG416 Introduction to Microbiology BMY004	BENG459 Genetics, Cell Biology and Biotechnical Applications of Yeast BİYOMÜH. AMFİ
11.30 - 12.20	BENG466 Structural Bioinformatics and Computational Drug Design BİYOTEKNOLOJİ AMFİSİ	BENG415 Bioinformatic Data Analysis BYM001 BENG 456 Applications of Cancer Biology in Bioengineering BİYOMÜH. AMFİ	BENG400 Advanced Orthopaedic and Dental Biomechanics Laboratory BYM004 BENG436 Plant Biotechnology BİYOMÜH. AMFİ	BENG416 Introduction to Microbiology BMY004	BENG459 Genetics, Cell Biology and Biotechnical Applications of Yeast BİYOMÜH. AMFİ
13.30 - 14.20	BENG468 Mammalian Cell Cultures for Biopharmaceutical Production BYM004	BENG434 Data Mining in Bioengineering BYM001	BENG432 Advanced Biostatistics BYM004	BENG423 Biomedical Electronics BYM004	

14.30 - 15.20	BENG468 Mammalian Cell Cultures for Biopharmaceutical Production BYM004	BENG434 Data Mining in Bioengineering BYM001	BENG432 Advanced Biostatistics BYM004	BENG423 Biomedical Electronics BYM004	
15.30 - 16.20	BENG468 Mammalian Cell Cultures for Biopharmaceutical Production BYM004	BENG434 Data Mining in Bioengineering BYM001	BENG432 Advanced Biostatistics BYM004	BENG423 Biomedical Electronics BYM004	
16.30 - 17.20					

AÇIKLAMALAR

2. YARIYIL ALINMASI GEREKEN DERSLER

Kod	Ders	Yürütücü
MATH 102	Calculus II	Temel Bilimler Fakültesi
PHYS 122	Physics II	Temel Bilimler Fakültesi
PHYS 152	Physics Laboratory II	Temel Bilimler Fakültesi
MATH 116	Linear Algebra	Temel Bilimler Fakültesi
CHEM 106	Organic Chemistry I	Temel Bilimler Fakültesi
TUR 102	Turkish II	Temel Bilimler Fakültesi
BENG 101	Fundamentals of Bioengineering	Araş. Gör. Dr. Sedef KAPTAN USUL

4. YARIYIL ALINMASI GEREKEN DERSLER

Kod	Ders	Yürütücü
MATH 214	Numerical Methods	Temel Bilimler Fakültesi
HİS 102	Principles Of Atatürk And The History Of Turkish Revolution II	Temel Bilimler Fakültesi
ENGL 112	Academic English	Temel Bilimler Fakültesi
BENG 212	Thermodynamics for Bioengineers	Doç. Dr. Leyla Çolakerol ARSLAN
BENG 214	Fluid Mechanics	Öğr. Gör. Dr. Cansu ÜLKER TURAN
BENG 222	Biochemistry	Doç. Dr. Barış BİNAY
BENG 232	Fundamentals of Biomaterials	Dr. Öğr. Üyesi Ayşe ARSLAN CANPOLAT

6. YARIYIL ALINMASI GEREKEN DERSLER

Kod	Ders	Yürütücü
ENG 402	Occupational Health and Safety II	Dr. Öğr. Üyesi Enis Bülent HEKİMBAŞI
BENG 302	Bioengineering Laboratory II	Doç. Dr. Bengü ERGÜDEN
BENG 312	Bioprocess Engineering Principles	Öğr. Gör. Dr. Cansu ÜLKER TURAN
BENG 314	Mathematical Modelling & Control in Bioengineering	Prof. Dr. Tunahan ÇAKIR
BENG 316	Bioseparation	Dr. Öğr. Üyesi Ayşe ARSLAN CANPOLAT
BENG 332	Fundamentals of Biomechanics	Doç. Dr. Hakan OFLAZ
Non-Technical Elective II		

8. YARIYIL ALINMASI GEREKEN DERSLER

Graduation Project II
Department Elective IV,V,VI,VII
Technical Elective I

Department Elective IV,V,VI,VII Dersleri	Yürütücü
BENG 466 Structural Bioinformatics and Computational Drug Design	Dr. Öğr. Üyesi Onur SERÇİNOĞLU
BENG 436 Plant Biotechnology and Genetics	Dr. Hicret Aslı YALÇIN ERCAN
BENG 415 Bioinformatic Data Analysis	Prof. Dr. Tunahan ÇAKIR
BENG 432 Advanced Biostatistics	Dr. Öğr. Üyesi Pınar PİR
BENG 434 Data Mining in Bioengineering	Dr. Öğr. Üyesi Pınar PİR
BENG 468 Mammalian Cell Cultures for Biopharmaceutical Production	Prof. Dr. Elif Damla ARISAN
BENG 456 Applications of Cancer Biology in Bioengineering	Prof. Dr. Elif Damla ARISAN
BENG 423 Biomedical Electronics	Prof. Dr. Muhammet UZUNTARLA
BENG 400 Advanced Orthopaedic and Dental Biomechanics Laboratory	Doç. Dr. Hakan OFLAZ
BENG 459 Genetics, Cell Biology and Biotechnical Applications of Yeast	Doç. Dr. Bengü ERGÜDEN
BENG 416 Introduction to Microbiology	Doç. Dr. Bengü ERGÜDEN