

2017-2018/ FALL SEMESTER

BME TRACKS and Life Science & Mathematics courses

Life Science for BME

Mathematics for BME

Biophotonics

Biomaterials

Biomechanics

Neuroengineering

Biomedical Instrumentation

Medical Imaging

Clinical Engineering

Periods	1	2	3	4	5	6	7	8	9
Time	9:00-9:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
Monday							BM 555 AZ 18	BM 555 AZ 18	BM 555 AZ 18
	BM 681 AZ 19	BM 681 AZ 19	BM 681 AZ 19		BM 564 AZ 19	BM 564 AZ 19	BM 564 AZ 19		
					BM 590 AZ 07	BM 590 AZ 07	BM 590 AZ 07		
Tuesday	BM 563 AZ 18	BM 563 AZ 18	BM 563 AZ 18			BM 684 AZ 18	BM 684 AZ 18	BM 684 AZ 18	
	BM 519 AZ 19	BM 519 AZ 19	BM 519 AZ 19		BM 578	BM 590 AZ 19	BM 590 AZ 19	BM 590 AZ 19	
	BM 522 AZ 07	BM 522 AZ 07	BM 522 AZ 07			BM 594 Bilg. Lab.	BM 594 Bilg. Lab.	BM 594 Bilg. Lab.	
Wednesday	BM 501 AZ 19	BM 501 AZ 18	BM 501 AZ 19		BM 503 AZ 18	BM 503 AZ 18	BM 503 AZ 18		
	BM 589 AZ 19	BM 589 AZ 19	BM 589 AZ 19		BM 595 AZ 19	BM 595 AZ 19	BM 595 AZ 19		
	BM 632 AZ 07	BM 632 AZ 07	BM 632 AZ 07		BM 506 AZ 07	BM 506 AZ 07	BM 506 AZ 07		
Thursday	BM 573 AZ 18	BM 573 AZ 18	BM 573 AZ 18		BM 525 AZ 18	BM 525 AZ 18	BM 525 AZ 18		
	BM 516 AZ 19	BM 516 AZ 19	BM 516 AZ 19		BM 585 AZ 19	BM 585 AZ 19	BM 585 AZ 19		
		BM 536 AZ 07	BM 536 AZ 07	BM 536 AZ 07					
Friday		BM 683 AZ 18	BM 683 AZ 18	BM 683 AZ 18		BM 581 AZ 18	BM 581 AZ 18	BM 581 AZ 18	
	BM 517 AZ 19	BM 517 AZ 19	BM 517 AZ 19			BM 601 AZ 19	BM 601 AZ 19	BM 601 AZ 19	
	BM 538 AZ 07	BM 538 AZ 07	BM 538 AZ 07			BM 541 AZ 07	BM 541 AZ 07	BM 541 AZ 07	

Ders No Course No	DERSİN ADI / COURSE TITLE	ECTS / AKTS	Kredi / Credit	TRACK	ÖĞRETİM ÜYESİ/ INSTRUCTOR	Haf.Ders Saati No of Meetgs/ week	Haf. Uygü Saati No of Prob.Ses./ week	Haf. Lab. Saati/ No of Lab./week	Tercih edilen günler/ Days requested	Tercih edilen saatler/ Hours requested	SINIF
BM 501	Biology Of Living Systems	7	3	Life Science for BME	Cengizhan ÖZTÜRK	3			WWW	123	BME 18
BM 503	Basic Mathematics for Biomedical Science	7	3	Mathematics for BME	Ahmet ADEMOĞLU	3			WWW	567	BME 18
BM 506	Biostatistical Methods	7	3	Mathematics for BME	Esin ÖZTÜRK İŞİK	3			WWW	567	BME 07
BM 516	Biophotonics	7	3	Biophotonics	Murat GÜLSOY	3			ThThTh	123	BME 19
BM 517	Novel applications in Biomedical Optics	7	3	Biophotonics	Murat GÜLSOY	3			FFF	123	BME 19
BM 519	Biosensors	7	3	Biomaterials	Bora GARİPCAN	3			TTT	123	BME 19
BM 522	Skeletal Muscle Mechanics	7	3	Biomechanics	Can YÜCESOY	3			TTT	123	BME 07
BM 525	Tissue Biomechanics	7	3	Biomechanics	Can YÜCESOY	3			ThThTh	567	BME 18
BM 536	Principles of Neuroimaging	7	3	Medical Imaging	Ahmet ADEMOĞLU	3			ThThTh	234	BME 07
BM 538	Computational Neuroscience	7	3	Neuroengineering	Burak GÜÇLÜ	3			FFF	123	BME 07
BM 541	Biomaterials	7	3	Biomaterials	Duygu EGE	3			FFF	678	BME 07
BM 555	Design and Evaluation of Clinical Trials	7	3	Biomedical Instrumentation	Mehmet Emin YUSUF	3			MMM	789	BME 18
BM 563	Medical Imaging	7	3	Biomedical Instrumentation/ Clinical Eng.	Yekta ÜLGEN	3			TTT	123	BME 18
BM 564	Biomedical Instrumentation & Measurement	9	4	Biomedical Instrumentation/ Clinical Eng.	Özgür KOCA TÜR K	3		2	MMM	567	BME 19
BM 573	Cardiovascular Imaging	7	3	Medical Imaging	Cengizhan ÖZTÜRK	3			ThThTh	123	BME 18
BM 578	Graduate Seminar	2	0		Cengizhan ÖZTÜRK	1			TBA		
BM 579	Graduate Seminar	2	0		Cengizhan ÖZTÜRK	1			T	5	BME 19
BM 581	Spec. Stud.: Lasers in Biomaterials Science	8	3	Biomaterials/ Biophotonic	Çağrı Kaan AKKAN	3			FFF	678	BME 18
BM 585	Spec. Stud.: Control Engineering Applications	8	3	Technical Elective	Selim HACISALİHZADE	3			ThThTh	567	BME 19
BM 589	Spec. Stud.: Biomedical Nanostructures	8	3	Biomaterials	Bora GARİPCAN	3			WWW	123	BME 19
BM 590	Spec. Stud.: Magnetic Resonance Spectroscopic Imaging	8	3	Medical Imaging	Esin ÖZTÜRK İŞİK	3			MMM	567	BME 07
BM 594	Sel. Top.: Learning and Memory	8	3	Technical Elective	Pınar ÖZ	3			TTT	678	Bilg. Lab.
BM 595	Sel. Top.: Introduction To Neurochemistry	8	3	Neuroengineering / Life Science For BME	Hale SAYBAŞILI	3			WWW	567	BME 19
BM 590	Spec. Stud.: Machine Learning	8	3	Technical Elective	İpek ŞEN	3			TTT	678	BME 19
BM 601	Quality Assurance Principles for Biomedical Engineering	7	3	Clinical Engineering	Albert GÜVENİŞ	3			FFF	678	BME 19
BM 632	Sensory Systems	7	3	Neuroengineering / Life Science For BME	Burak GÜÇLÜ	3			WWW	123	BME 07
BM 681	Spec. Stud.: Introduction to Medical Device & Implant design	8	3	Technical Elective	Özgür KOCA TÜR K	3			MMM	123	BME 19
BM 683	Spec. Stud.: Advances in Molecular Neurobiology	8	3	Technical Elective	İşıl AKSAN KURNAZ	3			FFF	234	BME 18
BM 684	Spec. Stud.: Biomechatronics Systems Design	8	3	Technical Elective	Erkan KAPLANOĞLU	3			TTT	678	BME 18