BME TRACTS and Life Sciences & Mathematics Courses

Life Science for BME

Mathematics for BME

Biophotonics

Biomaterials

Biomechanics

Neuroengineering

Biomedical Instrumentaion

Medical Imaging

Clinical Engineering

Periods	1	2	3	4	5	6	7	8	9	10
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	18:00-18:50
Monday	BM 583 AZ 18	BM 583 AZ 18	BM 583 AZ 18		BM 554 AZ 18	BM 554 AZ 18	BM 554 AZ 18	BM 587 AZ 18	BM 587 AZ 18	BM 587 AZ 18
	BM 591 AZ 19	BM 591 AZ 19	BM 591 AZ 19			BM 589 AZ 19	BM 589 AZ 19	BM 589 AZ 19		
		BM 594 AZ 07	BM 594 AZ 07	BM 594 AZ 07						
Tuesday	BM 616 AZ 18	BM 616 AZ 18	BM 616 AZ 18		BM 579/ BM 700	BM 684 AZ 18	BM 684 AZ 18	BM 684 AZ 18		
	BM 500 AZ 19	BM 500 AZ 19	BM 500 AZ 19							
	BM 502 AZ 07	BM 502 AZ 07	BM 502 AZ 07		AZ 19	Enstitü Toplantıları (Öğretim Üyeleri Toplantısı, Enst. Yönetim Kurulu, Enst. Kurulu, Doktora Yeterlilik v.s.)				
Wednesday		BM 504 AZ 18	BM 504 AZ 18	BM 504 AZ 18		BM 601 AZ 18	BM 601 AZ 18	BM 601 AZ 18		
					BM 530 AZ 19	BM 530 AZ 19	BM 530 AZ 19	BM 592 AZ 19	BM 592 AZ 19	BM 592 AZ 19
	BM 596 AZ 07	BM 596 AZ 07	BM 596 AZ 07							
Thursday		BM 536 AZ 18	BM 536 AZ 18	BM 536 AZ 18		BM 545 AZ 18	BM 545 AZ 18	BM 545 AZ 18		
	BM 515 AZ 19	BM 515 AZ 19	BM 515 AZ 19		BM 525 AZ 19	BM 525 AZ 19	BM 525 AZ 19			
	Lab Toplantısı Drç. Dr. Esin Öztürk Işık AZ 07				BM 641 AZ 07	BM 641 AZ 07	BM 641 AZ 07			
Friday	BM 517 AZ 18	BM 517 AZ 18	BM 517 AZ 18			BM 611 AZ 18	BM 611 AZ 18	BM 611 AZ 18		
	BM 683 AZ 19	BM 683 AZ 19	BM 683 AZ 19							
	BM 633 AZ 07	BM 633 AZ 07	BM 633 AZ 07			BM 682 AZ 07	BM 682 AZ 07	BM 682 AZ 07		

INSTITUTE OF BIOMEDICAL ENGİNEERING
BİYOMEDİKAL MÜHENDİSLİĞİ ENSTİTÜSÜ
2018-2019 II

DERS NO/ COURSE NO	KISIM /SECTION	DERSİN ADI / COURSE TITLE	AKTS	KREDİ	ÖĞRETİM ÜYESİ/ INSTRUCTOR	Haf.Ders Saati No of Meetgs/ week	Haf. Uygu Saati No of Prob.Ses./week	Haf. Lab. Saati No of Lab./week	Dersi Zorunlu Alan Bölümler Departments the course is required for	Diğer bölümlerde seçmeli olarak alınabiliyor ise kısıtlamalar				TERCİH EDİLEN GÜN / Days requested	TERCİH EDİLEN SAAT/ Hours requested	SINIF/ class	FİNAL SINAVI YOKTUR*	"1" İŞARETİ VERİLEBİLİR **	TAHMİNİ ÖĞRENCİ SAYISI
										Kontenjan	Bölüm	Ortalama	Sınıf						
BM 500		Hospital Clinical Eng. & Management	7	3	Yekta ÜLGEN	3								T T T	1 2 3	BME 19			
BM 502		Human Physiology	9	4	Cengizhan ÖZTÜRK	3		2						T T T	1 2 3	BME 07			
BM 504		Systems Theory for Biomedical Science	9	4	Ahmet ADEMOĞLU	3		2						W W W	2 3 4	BME 18			
BM 515		Laser Tissue Interactions	7	3	Murat GÜLSOY	3								Th Th Th	1 2 3	BME 19			
BM 517		Novel Applications in Biomedical Optics	7	3	Murat GÜLSOY	3			BM515 veya BM 516 dersini almış					F F F	1 2 3	BME 18			
BM 525		Tissue Biomechanics	7	3	Can YÜCESOY	3								Th Th Th	5 6 7	BME 19			
BM 530		Fundamentals of Neuroscience	7	3	Hale SAYBAŞILI	3								W W W	5 6 7	BME 19			
BM 536		Principles of Neuroimaging	7	3	Ahmet ADEMOĞLU	3								Th Th Th	2 3 4	BME 18			
BM 545		Characterization of Biomedical Samples	7	3	Duygu EGE	3								Th Th Th	6 7 8	BME 18			
BM 554		Modelling of Biological Systems	7	3	Cengizhan ÖZTÜRK	3								M M M	5 6 7	BME 18			
BM 579		Graduate Seminar	2	0	Cengizhan ÖZTÜRK	0	1							T	5	BME 19	*		
BM 583		Spec. Stud.: Tissue- Biomaterial Interactions	8	3	Bora GARİPCAN	3								M M M	1 2 3	BME 18			
BM 587		Special Study: Advanced Research Methods	8	3	Daniela SCHULZ	3								M M M	8 9 10	BME 18			
BM 589		Spec. Stud.: Biomedical Nanostructures	8		Bora GARİPCAN	3								M M M	6 7 8	BME 19			
BM 591		Sel. Top. Advanced Muscle Mechanics	8	3	Can YÜCESOY	3								M M M	1 2 3	BME 19			
BM 592		Sel. Top.: RatCAP Research Apllications & Development	8	3	Daniela SCHULZ	3								W W W	8 9 10	BME 19			
BM 596		Sel.Top.:Advanced MRI :Image Reconstruction	8	3	Esin ÖZTÜRK IŞIK	3								W W W	1 2 3	BME 07			
BM 601		Quality Assurance Principles for Biomedical Engineers	7	3	Albert GÜVENİŞ	3								W W W	6 7 8	BME 18			
BM 611		Nuclear Biomedical Instrumentation	7	3	Albert GÜVENİŞ	3								F F F	6 7 8	BME 18			
BM 616		Therapeutic Medical Devices	7	3	Özgür KOCATÜRK	3								T T T	1 2 3	BME 18			
BM 633		Dynamics of Neural Systems	7	3	Burak GÜÇLÜ	3								F F F	1 2 3	BME 07			
BM 641		Magnetic Resonance Imaging Principles	7	3	Esin ÖZTÜRK IŞIK	3								Th Th Th	5 6 7	BME 07			
BM 682		Spec. Stud.: Phase Transformation &Heat Treatment of Biomaterials	8	3	Duygu EGE	3								F F F	6 7 8	BME 07			
BM 683		Spec. Stud.: Advances in Molecular Neurobiology	8	3	Işıl Aksan KURNAZ	3								F F F	1 2 3	BME 19			
BM 684		Spec. Stud.: Biomechatronics Systems Design	8	3	Erkan KAPLANOĞLU	3								T T T	6 7 8	BME 18			
BM 690	01	Master's Thesis	30	0	Ahmet ADEMOĞLU												*	**	
BM 690	02	Master's Thesis	30	0	Albert GÜVENİŞ												*	**	
BM 690	03	Master's Thesis	30	0	Esin ÖZTÜRK IŞIK												*	**	
BM 690	04	Master's Thesis	30	0	Burak GÜÇLÜ												*	**	
BM 690	05	Master's Thesis	30	0	Can YÜCESOY												*	**	
BM 690	06	Master's Thesis	30	0	Cengizhan ÖZTÜRK												*	**	
BM 690	07	Master's Thesis	30	0	Hale SAYBAŞILI												*	**	
BM 690	08	Master's Thesis	30	0	Bora GARİPCAN												*	**	
BM 690	09	Master's Thesis	30	0	Mehmed ÖZKAN												*	**	
BM 690	10	Master's Thesis	30	0	Murat GÜLSOY												*	**	
BM 690	11	Master's Thesis	30	0	Duygu EGE												*	**	
BM 690	12	Master's Thesis	30	0	Özgür KOCATÜRK												*	**	
BM 690	13	Master's Thesis	30	0	Daniela SCHULZ												*	**	
BM 699	01	Guided Research	9	4	Ahmet ADEMOĞLU	2	4												
BM 699	02	Guided Research	9	4	Albert GÜVENİŞ	2	4										*	**	
BM 699	03	Guided Research	9	4	Esin ÖZTÜRK IŞIK	2	4										*	**	
BM 699	04	Guided Research	9	4	Burak GÜÇLÜ	2	4										*	**	
BM 699	05	Guided Research	9	4	Can YÜCESOY	2	4										*	**	
BM 699	06	Guided Research	9	4	Cengizhan ÖZTÜRK	2	4										*	**	
BM 699	07	Guided Research	9	4	Hale SAYBAŞILI	2	4										*	**	
BM 699	08	Guided Research	9	4	Bora GARİPCAN	2	4										*	**	
BM 699	09	Guided Research	9	4	Mehmed ÖZKAN	2	4										*	**	
BM 699	10	Guided Research	9	4	Murat GÜLSOY	2	4										*	**	
BM 699	11	Guided Research	9	4	Duygu EGE	2	4										*	**	
BM 699	12	Guided Research	9	4	Özgür KOCATÜRK	2	4										*	**	
BM 699	13	Guided Research	9	4	Daniela SCHULZ	2	4										*	**	
BM 700		Seminar	2		Cengizhan ÖZTÜRK	0	1							TBA			*		
BM 790	01	Ph.D.Thesis	30	0	Ahmet ADEMOĞLU												*	**	
BM 790	02	Ph.D.Thesis	30	0	Albert GÜVENİŞ												*	**	
BM 790	03	Ph.D.Thesis	30	0	Esin ÖZTÜRK IŞIK												*	**	
BM 790	04	Ph.D.Thesis	30	0	Burak GÜÇLÜ												*	**	
BM 790	05	Ph.D.Thesis	30	0	Can YÜCESOY												*	**	
BM 790	06	Ph.D.Thesis	30	0	Cengizhan ÖZTÜRK												*	**	
BM 790	07	Ph.D.Thesis	30	0	Hale SAYBAŞILI												*	**	
BM 790	08	Ph.D.Thesis	30	0	Bora GARİPCAN												*	**	
BM 790	09	Ph.D.Thesis	30	0	Mehmed ÖZKAN												*	**	
BM 790	10	Ph.D.Thesis	30	0	Murat GÜLSOY												*	**	
BM 790	11	Ph.D.Thesis	30	0	Duygu EGE												*	**	
BM 790	12	Ph.D.Thesis	30	0	Özgür KOCATÜRK												*	**	
BM 790	13	Ph.D.Thesis	30	0	Daniela SCHULZ												*	**	