

DOKUZ EYLÜL ÜNİVERSİTESİ**Sağlık Bilimleri Enstitüsü - Biyomekanik Anabilim Dalı - Biyomühendislik Doktora (İngilizce)**

Üniversitemiz Senatosunun 29/08/2016 tarih ve 463/18 sayılı karar ile kabul edilen şeklidir.

1. GRUP

Ön Şart	Kod	Ders Adı	T	U	AKTS	Süresi
-	BNG 6001	Bioengineering	3	0	9	1 Yarıyıl
-	BNG 6002	Physiology	3	0	9	1 Yarıyıl

2. GRUP

Ön Şart	Kod	Ders Adı	T	U	AKTS	Süresi
-	BNG 6199	Thesis Study	0	0	150	1 Yarıyıl
-	BNG 6098	Speciality Area	3	0	12	1 Yarıyıl
-	İMG 5707	Advanced Cell Biology	3	0	8	1 Yarıyıl
-	BNG 6400	Seminar	0	3	3	1 Yarıyıl

SEÇMELİ DERSLER

-	BNG 6003	Ethics	1	0	3	1 Hafta
-	İBG 5710	Biomaterials	3	0	8	1 Yarıyıl
-	İBG 5730	Bioinstrumentation	3	0	8	1 Yarıyıl
-	İBG 5749	Biotransport	3	0	8	1 Yarıyıl
-	İBG 5785	Biomechanics	3	0	8	1 Yarıyıl
-	İCM 5716	Advanced Biochemistry	3	0	9	1 Yarıyıl
-	İEE 5750	Computational Biology	3	0	8	1 Yarıyıl

4. GRUP

Ön Şart	Kod	Ders Adı	T	U	AKTS	Süresi
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SEÇMELİ DERSLER

-	BIO 6010	Biochemistry of Extracellular Matrix	2	0	4	1 Yarıyıl
-	BIP 6002	Systems Theory of the Brain II	2	2	5	1 Yarıyıl
-	BIP 6003	Biophysics	2	0	3	1 Yarıyıl
-	BIP 6007	Systems Theory of the Brain I	2	2	6	1 Yarıyıl
-	BIP 6018	Neurobiology and Cognition	1	2	4	1 Yarıyıl
-	HSI 6051	Planning, Applying and Evaluating Experimental Research	4	0	5	4 Hafta

* Courses coordinated by Dokuz Eylül University Health Sciences Institute □

** Courses coordinated by İzmir High Technology Institute □

1 All courses listed in this group have to be taken during the course period. (3 semesters)(Those students who have already taken one or more of these mandatory courses or their equivalents during their Master's education, are required to take courses from the elective list, according to their origin (See 3) Students are required to register for thesis study course for each semester. The seminar course will be taken only by those PhD students who have not completed a MSc degree. □

2 At least 2 courses (6 credits) from core-elective courses list must be taken. □

3 During the entire course period, at least three of these courses have to be taken (Students coming from a science degree are required to take two engineering and one science/health course; and students coming from an engineering degree are required to take two science/health and one engineering course). □

Important Note: Students can choose, at most two courses, from another department, another degree program, or another university, with the approval of his/her supervisor. □

4 Lesson of Specialty will be open during halfterm and summer time □

5 students have to take 30 ECTS for every semester. Total Thesis Study 150 ECTS (5 semesters) Total ECTS 240 (8 semesters) □

*Uzmanlık Alanı Dersi yarıyıl ve yaz tatillerinde de verilecektir.