

EK 1.1- Fizik Bölümü Lisans Programı (İngilizce)

I. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
PHY109	Physics Laboratory I	1	2	2	5	Z
PHY111	Mechanics	4	-	4	8	Z
CHM101	General Chemistry I	3	2	4	5	Z
MTH117	Calculus I	4	-	4	7	Z
CAM100	Campus Orientation	2	-	2	2	Z
ENG101	English I	3		3	3	Z
TOPLAM				21	30	

II. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
PHY110	Physics Laboratory II	1	2	2	5	Z
PHY112	Electromagnetism	4	-	4	7	Z
CHM102	General Chemistry II	3	2	4	5	Z
MTH118	Calculus II	4		4	6	Z
CAR100	Career	2		2	2	Z
ENG102	English II	3		3	3	Z
CHC100	Cyprus: History and Culture	2		2	2	Z
TOPLAM				21	30	

III. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
ISE243	Introduction to Information Technologies and Application	3		3	5	Z
PHY205	Introductory Electronics	3	2	4	5	Z
PHY211	Mathematical Methods In Physics I	4		4	6	Z
PHY223	Optics and Waves	4	-	4	5	Z
MTH263	Basic Algebra	3		3	4	Z
ENG201	Oral Communication Skills	3		3	3	Z
YIT101	Turkish for Foreign Students I	2	-	2	2	Z
TOPLAM				23	30	

IV. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
PHY204	Modern Physics	4	-	4	8	Z
PHY202	Basics of Scientific Computation	2	2	3	5	Z
PHY212	Mathematical Methods In Physics II	4		4	8	Z
PHY224	Optics and Waves Laboratory	1	4	3	7	Z
YIT102	Turkish for Foreign Students II	2	-	2	2	Z
TOPLAM				16	30	

V. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
PHY333	Applied Modern Physics	1	4	3	6	Z
PHY309	Electromagnetic Field Theory I	4	-	4	6	Z
PHY337	Classical Mechanics I	4	-	4	6	Z
	Free Elective	3		3	5	S
	Technical Elective	3		3	5	S
AIT103	Principles of Atatürk and the History of Turkish Revolution I	2	-	2	2	Z
TOPLAM				17	30	

VI. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
PHY334	Quantum Physics	4	-	4	6	Z
PHY310	Electromagnetic Field Theory II	4	-	4	6	Z
PHY338	Classical Mechanics II	4	-	4	6	Z
ENG312	Advance Communication Skills	3		3	5	Z
	Technical Elective	3		3	5	S
AIT104	Principles of Atatürk and the History of Turkish Revolution II	2	-	2	2	Z
TOPLAM				18	30	

VII. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
PHY401	Special Problems In Physics	4	-	4	6	Z
PHY433	Statistical Thermodynamics	4		4	7	Z
PHY445	Quantum Mechanics I	4		4	7	Z
	Technical Elective	3		3	5	S
	Technical Elective	3		3	5	S
TOPLAM				18	30	

VIII. Dönem

Ders Kodu	Ders Adı	Ders Saati/ Hafta	Lab/Etüt Saat/Hafta	Kredi	ECTS Kredi	Z/S
	Technical Elective	3	-	3	5	Z
	Technical Elective	3	-	3	5	S
	Technical Elective	3	-	3	5	S
	Technical Elective	3	-	3	5	S
	Technical Elective	3	-	3	5	S
	Technical Elective	3	-	3	5	S
	Technical Elective	3	-	3	5	S
TOPLAM				18	30	

TOPLAM KREDİ: 152

TOPLAM DERS SAYISI : 49

TOPLAM ECTS: 240

TOPLAM SEÇMELİ DERS SAYISI: 12