

Fen Bilimleri Enstitüsü**Fizik / Fizik (İngilizce)****Tezli Yüksek Lisans****Genel Toplam****Ders Adedi :8****T : 21****U : 2****Kredi : 60****ECTS : 60****T+U : 23****1. YARIYIL**

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	PHYS-C1,2-YL	CORE - 1-2 (Ders 1) [Bu ders PHYS-C1,2-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
2	PHYS-C1,2-YL	CORE - 1-2 (Ders 2) [Bu ders PHYS-C1,2-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
3	PHYS-E1,2-YL	ELECTIVE - 1-2 (Ders 1) [Bu ders PHYS-E1,2-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
4	PHYS-E1,2-YL	ELECTIVE - 1-2 (Ders 2) [Bu ders PHYS-E1,2-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
Toplam			12	0	32	32

2. YARIYIL

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	PHYS7000	Seminar	0	2	4	4
2	PHYS-C3-YL	CORE - 3 (Ders 1) [Bu ders PHYS-C3-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
3	PHYS-E3,4-YL	ELECTIVE - 3-4 (Ders 1) [Bu ders PHYS-E3,4-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
4	PHYS-E3,4-YL	ELECTIVE - 3-4 (Ders 2) [Bu ders PHYS-E3,4-YL ders grubundan alınacaktır, aşağıya bakınız]	3	0	8	8
Toplam			9	2	28	28

PHYS-C1,2-YL

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	PHYS7001	Mathematical Methods in Physics	3	0	8	8
2	PHYS7002	Statistical Mechanics	3	0	8	8
3	PHYS7003	Classical Mechanics	3	0	8	8
4	PHYS7004	Electromagnetic Theory	3	0	8	8
5	PHYS7005	Quantum Mechanics	3	0	8	8

PHYS-E1,2-YL

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	PHYS7006	Solid State Physics	3	0	8	8
2	PHYS7007	Physics of Semiconductor Devices	3	0	8	8
3	PHYS7008	Superconductivity	3	0	8	8
4	PHYS7009	Atomic Physics	3	0	8	8
5	PHYS7010	Group Theory	3	0	8	8
6	PHYS7011	Magnetic Resonance	3	0	8	8
7	PHYS7012	Cosmology	3	0	8	8
8	PHYS7013	Optics	3	0	8	8
9	PHYS7014	Numerical Methods in Physics	3	0	8	8
10	PHYS7015	General Theory of Relativity	3	0	8	8
11	PHYS7016	High Energy Physics	3	0	8	8
12	PHYS7018	Radiation and Radiosotop Applications	3	0	8	8
13	PHYS7020	Plasma Physics	3	0	8	8
14	PHYS7022	Molecular Symmetry and Group Theory	3	0	8	8
15	PHYS7024	Theory of Vibrational Spectroscopy	3	0	8	8
16	PHYS7026	Quantum Transport in Nanodevices	3	0	8	8

PHYS-C3-YL

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	PHYS7001	Mathematical Methods in Physics	3	0	8	8
2	PHYS7002	Statistical Mechanics	3	0	8	8
3	PHYS7003	Classical Mechanics	3	0	8	8
4	PHYS7004	Electromagnetic Theory	3	0	8	8
5	PHYS7005	Quantum Mechanics	3	0	8	8

PHYS-E3,4-YL

No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	PHYS7006	Solid State Physics	3	0	8	8
2	PHYS7007	Physics of Semiconductor Devices	3	0	8	8
3	PHYS7008	Superconductivity	3	0	8	8
4	PHYS7009	Atomic Physics	3	0	8	8
5	PHYS7010	Group Theory	3	0	8	8
6	PHYS7011	Magnetic Resonance	3	0	8	8
7	PHYS7012	Cosmology	3	0	8	8
8	PHYS7013	Optics	3	0	8	8
9	PHYS7014	Numerical Methods in Physics	3	0	8	8
10	PHYS7015	General Theory of Relativity	3	0	8	8
11	PHYS7016	High Energy Physics	3	0	8	8
12	PHYS7018	Radiation and Radiosotop Applications	3	0	8	8
13	PHYS7020	Plasma Physics	3	0	8	8
14	PHYS7022	Molecular Symmetry and Group Theory	3	0	8	8
15	PHYS7024	Theory of Vibrational Spectroscopy	3	0	8	8
16	PHYS7026	Quantum Transport in Nanodevices	3	0	8	8