

Faculty of Sciences
Semester: Spring 2021
Program: BS Physics

<u>S #</u>	<u>Course Code</u>	<u>Course Title</u>	<u>Sections</u>	<u>Semester</u>
1	PYHU1013	Functional English	1	1
2	PYHU1023	Pakistan Studies	1	1
3	PYMT1013	Calculus I	1	1
4	PYHU1033	Introduction to Sociology	1	1
5	PY1114	Mechanics	1	1
6	PY1111	Mechanics Lab	1	1
7	PYHU1043	Communication Skills	1	2
8	PYHU1053	Islamic Studies/Ethics	1	2
9	PYMT1023	Calculus II	1	2
10	PY1214	Electricity and Magnetism	1	2
11	PY1211	Electricity and Magnetism Lab	1	2
12	PY1313	Physical Chemistry	1	2
13	PY1123	Waves and Oscillation	1	2
14	MATH1563	Linear Algebra	1	4
15	HU1013	Introduction to Psychology	1	4
16	CS1113	Computer Programming	1	4
17	PHY2473	Modern Physics	1	4
18	PHY2463	Optics	1	4
19	LAB2401	Lab IV (Optics)	1	4
20	PHY3213	Mathematical Methods of Physics II	1	6
21	PHY3283	Atomic & Molecular Physics	1	6
22	LAB3502	Lab VI (Modern Physics, Advance Optics, Atomic Physics & Spectroscopy)	1	6
23	PHY3233	Solid State Physics I	1	6
24	PHY3243	Electronics II	1	6
25	PHY3253	Electrodynamics I (EMT I)	1	6

26	PHY4313	Quantum Mechanics II	1	8
27	PHY4323	Research Project	1	8
28	PHY4333	Introduction to Nano Science & Nano Technologies	1	8
29	PHY4343	Lasers	1	8
30	PHY4813	Plasma Physics	1	8