

Faculty of Sciences
Semester: Spring 2022

BS Physics:

<u>S #</u>	<u>Course Code</u>	<u>Course Title</u>	<u>Sections</u>	<u>Semester</u>
1	PYHU1503	Functional English	1	1
2	PYHU1513	Pakistan Studies	1	1
3	PYMT1503	Calculus I	1	1
4	PYHU1523	Introduction to Sociology	1	1
5	PY1803	Mechanics	1	1
6	PY1801	Mechanics Lab	1	1
7	PYCS1503	Introduction to Computer	1	1
8	PYHU1533	Communication Skills	1	2
9	PYCS1513	Computer Programming	1	2
10	PYMT1513	Calculus II	1	2
11	PY1203	Electricity and Magnetism	1	2
12	PY1201	Electricity and Magnetism Lab	1	2
13	PYMT1523	Differential Equations	1	2
14	PY1813	Waves and Oscillation	1	2
15	PYMT2053	Linear Algebra	1	4
16	PYHU2073	Introduction to Psychology	1	4
17	PYCS2023	Computer Programming	1	4

18	PY2503	Modern Physics	1	4
19	PY2613	Optics	1	4
20	PY2611	Optics Lab	1	4
21	PHY3213	Mathematical Methods of Physics II	1	6
22	PHY3283	Atomic & Molecular Physics	1	6
23	PHY3233	Solid State Physics I	1	6
24	PHY3243	Electronics II	1	6
25	LAB3502	Lab VI (Modern Physics, Advance Optics, Atomic Physics & Spectroscopy)	1	6
26	PHY3253	Electrodynamics I (EMT I)	1	6
27	PHY4313	Quantum Mechanics II	1	8
28	LAB4702	Lab VII (Misc. Advanced Expt.)	1	8
29	PY4913	Research Project II	1	8
30	PHY4333	Introduction to Nano Science & Nano technologies	1	8
31	PHY4343	Lasers	1	8
32	PY4093	General Theory of Relativity	1	8