

BS PHYSICS

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Semester 1	Course Code	Course Title	Sections
	ENG101	Functional English	1
	PAK101	Pakistan Studies	1
	PYMT1503	Calculus I	1
	PY1803	Mechanics	1
	PY1801	Mechanics Lab	1
	PYCS1503	Introduction to Computer	1
	ENT101	Fundamentals of Entrepreneurship	1
Semester 2	Course Code	Course Title	Sections
	ENG 102	English II	1
	PYCS1513	Computer Programming	1
	PYMT1513	Calculus II	1
	PY1203	Electricity and Magnetism	1
	PY1201	Electricity and Magnetism Lab	1
	PSY101	Introduction to Psychology	1
	PY1813	Waves and Oscillation	1
Semester 3	Course Code	Course Title	Sections
	PYHU2543	Islamic Studies/Ethics	1
	PYHU2553	Technical Writing & Presentation Skills	1
	PYMT2533	Statistics	1
	PYCH2333	Physical Chemistry	1
	PY2703	Heat & Thermodynamics	1

	PY2701	Heat & Thermodynamics Lab	1
Semester 4	Course Code	Course Title	Sections
	PYMT2543	Linear Algebra	1
	PYHU2563	Introduction to Psychology	1
	PY2823	Classical Mechanics	1
	PY2013	Modern Physics	1
	PY2603	Optics	1
	PY2601	Optics Lab	1
	Semester 6	Course Code	Course Title
PY3533		Mathematical Methods of Physics II	1
PY3543		Atomic & Molecular Physics	1
PY3542		Atomic & Molecular Physics Lab	1
PY3553		Solid State Physics I	1
PY3723		Electronics II	1
PY3153		Electrodynamics I	1
Semester 8	Course Code	Course Title	Sections
	PHY4313	Quantum Mechanics II	Major
	PY4913	Research Project II	1
	LAB4702	Lab VII (Misc. Advanced Expt.)	1
	PHY4333	Introduction to Nano Science & Nano technologies	1
	PHY4343	Lasers	1
	PY4083	Methods of Experimental Physics	1