

1 Physics

Semester	Course Code	Course Name	Credits	Grade
1	UP101	Introductory Physics I	2:1	A
2	UP102	Introductory Physics II	2:1	S
3	UP201	Introductory Physics III	2:1	A
4	UP202	Intermediate Mechanics, Oscillations and waves	2:1	A
	UP203	Intermediate Electromagnetism and Quantum Physics of Radiation	2:1	S
	UP204	Intermediate Thermal Physics and Physics of Materials	2:1	S
5	PH201	Classical Mechanics	3:0	A
	PH203	Quantum Mechanics I	3:0	S
	PH205	Mathematical Methods of Physics	3:0	S
	PH211	General Physics Laboratory	0:3	B
	PH217	Fundamentals of Astrophysics	3:0	A
6	PH202	Statistical Mechanics	3:0	A
	PH204	Quantum Mechanics II	3:0	A
	PH208	Condensed Matter Physics I	3:0	B
	HE316	Advanced Mathematical Methods of Physics	3:0	B
	HE384	Quantum Computation	3:0	B
	HE398	General Relativity	3:0	A
7	HE395	Quantum Field Theory	3:0	B
8	UP400	Project:Physics	0:16	A

2 Mathematics

Semester	Course Code	Course Name	Credits	Grade
1	UM101	Analysis and Linear ALgebra	3:0	A
2	UM102	Analysis and Linear ALgebra II	3:0	A
3	UM201	Probability and Statistics	3:0	S
4	UM203	Elementary Algebra and Number Theory	3:0	A
	UM204	Introduction to Basic Analysis	3:0	A
5	MA200	Multivariable Calculas	3:1	A
7	MA212	Algebra I	3:0	C
	MA219	Linear Algebra	3:1	B

3 Engineering

Semester	Course Code	Course Name	Credits	Grade
1	UE101	Algorithms and Programming	2:1	A
2	UE102	Introduction to Eletrical and Electronics Enginnering	2:1	S
3	UE200	Introduction to Earth and Its Environment	2:0	A
	UE202	Introduction to Materials Science	2:0	S
4	UE201	Introduction to Scientific Computing	2:1	S
7	E2201	Information Theory	3:0	C
8	UMT203	Material Thermodynamics	3:0	B

4 Biology

Semester	Course Code	Course Name	Credits	Grade
1	UB101	Introductory Biology I	2:1	A
2	UB102	Introductory Biology II	2:1	B
3	UB103	Introductory Biology III	2:1	A

5 Chemistry

Semester	Course Code	Course Name	Credits	Grade
1	UC101	Physical principles of Chemistry	2:1	A
2	UC103	Basic Inorganic Chemistry	2:1	A
3	UC206	Basic Organic Chemistry	2:1	A

6 Humanities

Semester	Course Code	Course Name	Credits	Grade
1	UH101	Ways of Knowing	2:0	B
2	UH102	Ways of Seeing	2:0	B
3	UH201	Ways of Doing-Mapping Science-Society Relationship	2:0	A
4	UH203	Mapping India Through Folk Arts	2:0	S
5	UH301	Seminar Course (Journalism for Scientists)	1:0	A
6	UH302	Introduction to Governance	1:0	A