

JAWAHARLAL NEHRU UNIVERSITY
SCHOOL OF PHYSICAL SCIENCES

Date: 14.02.2022

Courses for Winter Semester-2022**M.Sc. (Physics)****4th Semester**

Course No.	Title	Credits
PS 522	PROJECT	4
PS 520*	ADVANCED STATISTICAL MECHANICS	3
PS 523*	ASTROPHYSICS, GRAVITATION & COSMOLOGY	3
PS 524*	QUANTUM FIELD THEORY	3
PS 527*	ADVANCED CONDENSED MATTER PHYSICS	3
PS 530*	MODERN EXPERIMENTS OF PHYSICS	3
PS 532*	QUANTUM OPTICS	3

*Choose three courses only out of these courses

M.Sc. (Chemistry)**4th Semester**

Course No.	Title	Credits
PS 615C	SUPRAMOLECULAR CHEMISTRY	3
PS 465C	RESEARCH PROJECT	7
PS 468C*	SOLID STATE CHEMISTRY	3
PS 470C*	PHYSICAL ORGANIC CHEMISTRY	3
PS 473C*	BIOORGANIC CHEMISTRY AND DRUG DISCOVERY	3

*Choose two courses only out of these courses

M.Sc. (Mathematics)**4th Semester**

Course No.	Title	Credits
PM 409	PROBABILITY AND STATISTICS	4
PM 412	PARTIAL DIFFERENTIAL EQUATIONS	4
PM 507	ALGEBRAIC TOPOLOGY	4
PM 508	BANACH AND OPERATOR ALGEBRAS	4

K. Singh
 Dean/SPS

