Division of Mathematical and Physical Sciences

Course Title	Credits
ALGEBRAIC STRUCTURE A	2
ALGEBRAIC STRUCTURE B	2
ALGEBRAIC STRUCTURE III(COMMUTATIVEALGEBRA)	2
TOPOLOGICAL STRUCTURE ON GEOMETRY A	2
TOPOLOGICAL STRUCTURE ON GEOMETRY B	2
GEOMETRICAL STRUCTURE A	2
GEOMETRICAL STRUCTURE B	2
ANALYSIS STRUCTURE THEORY I(ERGODIC THEORY)	2
ANALYTIC STRUCTURE II(FUNCTIONALANALYSIS)	2
ANALYSIS STRUCTURE THEORY III(STOCHASTIC CALCULUS)	2
MATHEMATICAL STRUCTURE A(DIFFERENTIAL EQUATION)	2
MATHEMATICAL STRUCTURE B(NONLINEAR ANALYSIS)	2
APPLIED MATHEMATICAL SCIENCEI(PROBABILITY THEORY)	2
STATISTICAL STRUCTURE I(INFERNCE THEORY)	2
MATHEMATICAL STRUCTURE C(CONVEX ANALYSIS)	2
TOPOLOGICAL STRUCTURE ON GEOMETRY C	2
APPLIED MATHEMATICAL SCIENCE II(ADVANCED NUMERICAL ANALYSIS)	2
TOPICS ON OR AND STATISTICS I (LINEARSYSTEM)	2
TOPICS ON OR AND STATISTICS II(NONLINEAR SYSTEM)	2
MATHEMATICAL STRUCTURE OF INFORMATIONTHEORY I (COMPUTATIONAL MATHEMATICS I)	2
MATHEMATICAL STRUCTURE OF INFORMATIONTHEORY II (COMPUTATIONAL MATHEMATICS II)	2
MATHMATICAL STRUCTURE OF INFORMATIONTHEORY III(ALGEBRA FOR COMPUTATION)	2
MATHEMATICAL STRUCTURE OF INFORMATIONTHEORY IV(CODING THEORY)	2
MATHEMATICAL STRUCTURE OF INFORMATIONTHEORY V(COMPUTATIONAL MATHEMATICS III)	2
MATHEMATICAL STRUCTURE OF INFORMATIONTHEORY VI (COMPUTATIONAL MATHEMATICS IV)	2
INFORMATION SCIENCE IN PHYSICS I (OPTO-ELECTRONICS)	2
INFORMATION SCIENCE IN PHYSICS II(IMAGEPROCESSING)	2
INFORMATION SCIENCE IN PHYSICS III(HARDWARE)	2
INFORMATION SCIENCE IN PHYSICS IV(SOFTWARE)	2
INFORMATION SCIENCE IN PHYSICS V(NUMERICAL ANALYSIS)	2
INFORMATION SCIENCE IN PHYSICS VI(INFO-RMATION AND COMMUNICATION TECHNOLOGIES)	2
COMPUTER AND COMMUNICATION SCIENCE I	2
COMPUTER AND COMMUNICATION SCIENCE II	2
COMPUTER AND COMMUNICATION SCIENCE III	2
COMPUTER AND COMMUNICATION SCIENCE IV	2
COMPUTER AND COMMUNICATION SCIENCE V	2
COMPUTER AND COMMUNICATION SCIENCE VI	2
COMPUTER AND COMMUNICATION SCIENCE VII	2
FRONTIERS OF COMPUTER SCIENCE	2
TOPICS ON QUANTUM MECHANICS I	2

Course Title	Credits
TOPICS ON QUANTUM MECHANICS II(FIELDQUANTIZATION)	2
TOPICS ON THERMODYNAMICS ANDSTATISTICALMECHANICS	2
TOPICS IN ELECTROMAGNETISM	2
TOPICS IN ASTROPHYSICS	2
MATERIALS SCIENCE I	2
MATERIALS SCIENCE II (TOPICS ON SOLIDSTATE PHYSICS)	2
MATERIALS SCIENCE III	2
MATERIALS SCIENCE IV	2
MATERIALS SCIENCE V	2
MATERIALS SCIENCE VI	2
APPLIED PHYSICS I	2
APPLIED PHYSICS II	2
APPLIED PHYSICS III	2
FRONTIERS OF CONDENSED MATTER PHYSICS	2
ADVANCED PHYSICS FRONTIER	2
TOPICS IN MATHEMATICAL AND MATERIALSTRUCTURE SCIENCE I	1
TOPICS IN MATHEMATICAL AND MATERIALSTRUCTURE SCIENCE II	1
SEMINAR OF MATHEMATICAL AND MATERIALSTRUCTURE SCIENCE 1	1
RESEARCH FOR MASTER'S DEGREE	14
SEMINAR ON MATHEMATICAL AND MATERIALSTRUCTURE SCIENCE 2	2
RESEARCH FOR DOCTOR'S DEGREE	21