	Semester 1	Semester 2	Semester 3*	Semester 4*	Semester 5*	Semester 6*
Core courses (4 credit points)	Elementary Calculus	Ordinary differential equations	Complex Analysis	Topology and geometry	Multivariate Statistics	Project by students based on their choice of subject in semester 5 (22).
	Linear Algebra	Real Analysis	Graph theory	Functional Analysis	Fourier analysis	
	Elementary number theory	Discrete mathematics	Topology of Metric Spaces	Vector Analysis	Multivariate Analysis	
	Basics of programming	Theory of Optimisation	Partial Differential equations	Measure Theory	Courses of choice. Students will choose a field of learning and they will be trained in how mathematics is used in the field with 8 credit points	
	Numerical Methods	Elementary Probability	Abstract Algebra	Stochastic Processes		
Short courses (1 credit point)	Research Writing and Communication Skills	History of Indian mathematics	History of world mathematics	Logic of mathematics		
	Personal and people management	Environmental Sciences	Literature	Presentation techniques		
Total credits	22	22	22	22	20	22