

Division of Mathematical Sciences

Course No	Course Title	Credits
DK051	Calculus I	2
DK052	Calculus II	2
DK053	Calculus Practice I	1
DK054	Calculus Practice II	1
DK055	Linear Algebra I	2
DK056	Linear Algebra II	2
DK057	Linear Algebra Practice I	1
DK058	Linear Algebra Practice II	1
DA151	Advanced Calculus I	2
DA152	Advanced Calculus II	2
DA153	Applications of Calculus	2
DB153	Applications of Calculus	2
DA154	Introduction to Real Analysis	2
DA155	Complex Analysis I	2
DA156	Complex Analysis II	2
DA157	Mathematical Modeling and Differential Equations	2
DA158	Introduction to Functional Analysis	2
DA159	Mathematical Analysis I	2
DA160	Mathematical Analysis II	2
DA161	Analysis in Information Sciences I	2
DB161	Analysis in Information Sciences I	2
DA162	Analysis in Information Sciences II	2
DB162	Analysis in Information Sciences II	2
DA251	Linear Algebra III	2
DA252	Algebra A	2
DA253	Algebra in Information Sciences	2
DB253	Algebra in Information Sciences	2
DA254	Algebra B	2
DB254	Algebra B	2
DA255	Algebra C I	2
DA256	Algebra C II	2
DA257	Topics in Algebra A I	2
DA258	Topics in Algebra A II	2
DA259	Topics in Algebra B I	2
DA260	Topics in Algebra B II	2
DA351	General Topology I	2
DA352	General Topology II	2
DA353	Graph Theory	2
DB353	Graph Theory	2
DA354	Geometry A	2
DB354	Geometry A	2
DA355	Knot Theory I	2
DA356	Knot Theory II	2
DA357	Geometry B I	2
DA358	Geometry B II	2
DA359	Topology A I	2
DA360	Topology A II	2
DA361	Topology B I	2
DA362	Topology B II	2
DA451	Probability and Statistics I	2
DA452	Probability and Statistics II	2
DA453	Mathematical Modeling and Probability Theory I	2
DA454	Mathematical Modeling and Probability Theory II	2
DA455	Topics in Probability and Statistics A I	2
DA456	Topics in Probability and Statistics A II	2
DA457	Topics in Probability and Statistics B I	2

DA458	Topics in Probability and Statistics B II	2
DA551	Introduction to Information Sciences	2
DB551	Introduction to Information Sciences	2
DA552	Introduction to Programming	2
DB552	Introduction to Programming	2
DB553	Networks I	2
DB554	Introduction to Multimedia	2
DB555	Algorithms and Data Structures	2
DB556	Numerical Computation	2
DB557	Computer Architecture	2
DB558	Computer Graphics	2
DB559	Software Engineering	2
DB560	Databases A	2
DB561	Databases B	2
DB562	Networks II	2
DB563	Operating Systems	2
DB564	Automata	2
DB565	Computational Geometry	2
DA566	Information and Business	2
DB566	Information and Business	2
DB651	Introduction to Physics	2
DB652	Introduction to Chemistry	2
DB653	Introduction to Biology	2
DB654	Mechanics I	2
DB655	Mechanics II	2
DB656	Electromagnetism	2
DB657	The Theory of Relativity	2
DB658	Quantum Mechanics	2
DB659	Mathematical Physics	2
DB660	Modern Physics	2
DB661	Physical Chemistry A	2
DB662	Physical Chemistry B	2
DB663	Chemical Kinetics	2
DB664	Materials Science	2
DB665	Environmental Science	2
DB666	Modern Chemistry A	2
DB667	Modern Chemistry B	2
DB668	Basic Ecology	2
DB669	Ecology A	2
DB670	Ecology B	2
DB671	Taxonomic Biology	2
DB672	Evolutionary Biology	2
DB673	Molecular Biology	2
DB674	Mathematical Biology	2
DA751	Mathematical Modeling and Simulation A I	2
DB751	Mathematical Modeling and Simulation A I	2
DA752	Mathematical Modeling and Simulation A II	2
DB752	Mathematical Modeling and Simulation A II	2
DA753	Mathematical Modeling and Simulation B I	2
DB753	Mathematical Modeling and Simulation B I	2
DA754	Mathematical Modeling and Simulation B II	2
DB754	Mathematical Modeling and Simulation B II	2
DA851	Freshman Seminar (Mathematics)	2
DB851	Freshman Seminar (Information and Sciences)	2
DA951	Seminar in Mathematics	8
DB951	Seminar in Information and Sciences	8