

Department of Mathematics

In the department of mathematic, the undergraduate course has been started from 1988 and the graduate course started form 1993 for the graduate students who want to study higher level mathematics and studied mathematics or related fields at the undergraduate course.

There are several such courses in the graduate courses, analysis, algebra, applied mathematics and topology.

Information

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Professor Introduction

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Curriculum

Course Code	Course Title	Credit
501.501	Advanced Algebra I	3-3-0
501.502	Advanced Real Analysis I	3-3-0
501.503	Advanced Topology I	3-3-0
501.504	Advanced Differential Geometry I	3-3-0
501.601	Advanced Algebra II	3-3-0
501.602	Advanced Real Analysis II	3-3-0
501.603	Theory of Ordinary Differential Equation	3-3-0
501.604	Advanced Partial Differential Equations	3-3-0
501.605	Advanced Differential Geometry II	3-3-0
501.606	Advanced Topology II	3-3-0
501.607	Advanced Applied Analysis	3-3-0
501.608	Advanced Numerical Analysis	3-3-0
501.609	Advanced Applied Algebra	3-3-0
501.610	Advanced Several Complex Variables	3-3-0
501.611	Group Theory	3-3-0
501.612	Advanced Applied Mathematics	3-3-0
501.613	Advanced Applied Algebra I	3-3-0
501.614	Advanced Applied Algebra II	3-3-0
501.615	Advanced Numerical Analysis I	3-3-0
501.616	Advanced Numerical Analysis II	3-3-0
501.617	Advanced Complex Analysis I	3-3-0
501.618	Functional Analysis I	3-3-0
501.619	Functional Analysis II	3-3-0
501.620	Advanced Complex Analysis II	3-3-0
501.621	Abstract Algebra I	3-3-0
501.622	Abstract Algebra II	3-3-0
501.623	Advanced Linear Algebra	3-3-0
501.624	Vector and Tensor Analysis	3-3-0
501.625	Fuzzy Theory	3-3-0
501.626	Mathematical Logic	3-3-0
501.627	Number Theory	3-3-0
501.628	Algebraic Topology I	3-3-0
501.629	Algebraic Topology II	3-3-0
501.630	Seminar in Applied Mathematics	3-3-0
501.631	Modern Geometry	3-3-0
501.632	Harmonic Analysis	3-3-0

501.633	Seminar in Algebra	3-3-0
501.634	Seminar in Analysis	3-3-0
501.635	Seminar in Geometry	3-3-0
501.636	Seminar in Topology	3-3-0
501.637	Topological Vector Spaces	3-3-0
501.638	Commutative Algebra	3-3-0
501.639	Lie Algebra	3-3-0
501.640	Algebraic Geometry I	3-3-0
501.641	Algebraic Geometry II	3-3-0
501.642	Lie Group	3-3-0
501.643	Theory of Several Complex variables	3-3-0
501.644	Operator Theory I	3-3-0
501.645	Topics in Applied Mathatics	3-3-0
501.646	Operator Theory II	3-3-0
501.647	Category Theory I	3-3-0
501.648	Category Theory II	3-3-0
501.649	Algebraic Number Theory I	3-3-0
501.650	Algebraic Number Theory II	3-3-0
501.651	Cryptography	3-3-0
501.652	Combinatorial Matrix Theory	3-3-0
501.653	Topics in Combinatorics I	3-3-0
501.654	Topics in Combinatorics II	3-3-0
501.655	Multi-Variables Analysis	3-3-0
501.656	Partial Differential Equations I	3-3-0
501.657	Partial Differential Equations II	3-3-0
501.658	Non-Linear Analysis	3-3-0
501.659	Harmonic Analysis I	3-3-0
501.660	Harmonic Analysis II	3-3-0
501.661	Topics in Analysis I	3-3-0
501.662	Topics in Analysis II	3-3-0
501.663	Differentiable Manifolds I	3-3-0
501.664	Differential Geometry II	3-3-0
501.665	Geometry of Unified Field Theory I	3-3-0
501.666	Geometry of Unified Field Theory II	3-3-0
501.667	Differential Geometry I	3-3-0
501.668	Differential Geometry II	3-3-0
501.669	Topics in Topology I	3-3-0
501.670	Topics in Topology II	3-3-0
501.671	Control Theory I	3-3-0

501.672	Control Theory II	3-3-0
501.673	Mathematical Fluid Mechanics	3-3-0
501.674	Numerical Methods for Ordinary Differential Equations	3-3-0
501.675	Numerical Methods for Partial Differential Equations I	3-3-0
501.676	Numerical Methods for Partial Differential Equations II	3-3-0
501.677	Finite Element Methods I	3-3-0
501.678	Finite Element Methods II	3-3-0
501.679	Topics in Numerical Analysis I	3-3-0
501.680	Topics in Numerical Analysis II	3-3-0
501.801	M.S. Thesis Research I	3-3-0
501.802	M.S. Thesis Research II	3-3-0
501.803	Ph.D. Thesis Research I	3-3-0
501.804	Ph.D. Thesis Research II	3-3-0
501.501	Advanced Topology I	3-3-0
501.502	Advanced Differential Geometry I	3-3-0