

B.S. program in Mathematics**Course List**

Number	Required/ Selected	Credits	Course Title	Language
2101001	Required	4	Calculus (I)	Chinese – taught
2101002	Required	4	Calculus (II)	Chinese – taught
2101005	Selected	3	Elementary Math (I)	Chinese – taught
2101006	Selected	3	Elementary Math (II)	Chinese – taught
2101007	Selected	2	Introduction to Mathematics	Chinese – taught
2101008	Selected	2	Introduction to Mathematics (II)	Chinese – taught
2101009	Selected	3	Set Theory	Chinese – taught
2101010	Selected	4	Calculus	Chinese – taught
2101011	Required	3	Linear Algebra (I)	Chinese – taught
2101012	Required	3	Linear Algebra (II)	Chinese – taught
2101013	Selected	3	Linear Algebra	Chinese – taught
2101014	Selected	4	Linear Algebra	Chinese – taught
2101016	Selected	3	Linear Algebra	Chinese – taught
2101017	Selected	4	Mathematics for Life Sciences	Chinese – taught
2101712	Selected	2	Elementary Statistics	Chinese – taught
2101888	Selected	0	Service Learning : Campus Service	Chinese – taught
2102001	Required	4	Advanced Calculus (I)	Chinese – taught
2102002	Required	4	Advanced Calculus (II)	Chinese – taught
2102003	Selected	1	Advanced Calculus Study (I)	Chinese – taught
2102004	Selected	1	Advanced Calculus Study (II)	Chinese – taught
2102201	Required	3	Introduction to Ordinary Differential Equation (I)	Chinese – taught
2102401	Required	3	Algebra (I)	Chinese – taught
2102402	Required	3	Algebra (II)	Chinese – taught
2102403	Selected	1	Algebra Study (I)	Chinese – taught
2102404	Selected	1	Algebra Study (II)	Chinese – taught
2102701	Required	3	Introduction to Probability	Chinese – taught
2102702	Selected	3	Probability Models	Chinese – taught
2102711	Selected	3	Statistics (I)	Chinese – taught
2102712	Selected	3	Statistics (II)	Chinese – taught
2102713	Selected	3	Introduction to Statistics	Chinese – taught

2103001	Required	3	Topology	Chinese – taught
2103101	Required	3	Complex Analysis (I)	Chinese – taught
2103102	Selected	3	Complex Analysis (II)	Chinese – taught
2103301	Required	3	Introduction to Geometry	Chinese – taught
2103302	Selected	3	Introduction to Geometry (II)	Chinese – taught
2103401	Selected	3	Modern Algebra (I)	Chinese – taught
2103402	Selected	3	Modern Algebra (II)	Chinese – taught
2103403	Selected	3	Commutative algebra and combinatorics	Chinese – taught
2103404	Selected	3	Discrete Mathematics	Chinese – taught
2103511	Selected	3	Numerical Analysis (I)	Chinese – taught
2103512	Selected	3	Numerical Analysis (II)	Chinese – taught
2103521	Selected	3	Introduction to Numerical Linear Algebra	Chinese – taught
2103522	Selected	3	Numerical Methods for Differential Equations	Chinese – taught
2103523	Selected	3	Mathematics History	Chinese – taught
2103524	Selected	3	Elementary Number Theory	Chinese – taught
2103525	Selected	3	Elementary Number Theory (II)	Chinese – taught
2103701	Selected	3	Statistical Science	Chinese – taught
2103711	Selected	3	Statistical Methods	Chinese – taught
2104001	Selected	3	Topics in Analysis (I)	Chinese – taught
2104002	Selected	3	Topics in Analysis (II)	Chinese – taught
2104003	Selected	3	Advanced Linear Algebra (I)	Chinese – taught
2104201	Selected	3	Introduction to Partial Differential Equations	Chinese – taught
2104301	Selected	3	Introduction to Modern Geometry (I)	Chinese – taught
2104302	Selected	3	Introduction to Modern Geometry (II)	Chinese – taught
2104303	Selected	3	Introduction to Modern Mathematics	Chinese – taught
2104305	Selected	3	Fundamental of Mathematical Analysis	Chinese – taught
2104401	Selected	3	Topic in Modern Mathematics I	Chinese – taught
2104402	Selected	3	Topic in Modern Mathematics (II)	Chinese – taught
2104531	Selected	3	Introduction to Mathematical Modeling (I)	Chinese – taught
2104551	Selected	3	Introduction to Operations Research (I)	Chinese – taught
2104552	Selected	3	Introduction to Operations Research (II)	Chinese – taught
2104553	Selected	3	Introduction to Linear Programming	Chinese – taught
2104554	Selected	3	Introduction to Scientific Computing- Modeling of Curves and Surfaces	Chinese – taught

2104601	Selected	3	Introduction to Mathematical Finance	Chinese – taught
2104701	Selected	3	Statistical Inference	Chinese – taught
2104711	Selected	3	Introduction to biological statistics	Chinese – taught
2103613	Required	3	Introduction to Numerical Analysis	Chinese – taught