MATHEMATICS, MINOR

College of Letters & Science

The Minor Program

Mathematics is the study of abstract structures, space, change, and the interrelations of these concepts. It also is the language of the exact sciences.

Minor Advisor

For a current list of faculty and staff advisors; see Mathematics Department Advising (https://www.math.ucdavis.edu/undergrad/advising/advisers/) or contact Student Services (studentservices@math.ucdavis.edu).

Code	Title	Units
Choose five upper division courses (20 units total) in Mathematics: [1]		20
MAT/BIS 107	Probability & Stochastic Processes with Applications to Biology	
MAT 108	Introduction to Abstract Mathematics	
MAT 111	History of Mathematics	
MAT 114	Convex Geometry	
MAT 115A	Number Theory	
MAT 115B	Number Theory	
MAT 116	Differential Geometry	
MAT 118A	Partial Differential Equations: Elementary Methods	
MAT 118B	Partial Differential Equations: Eigenfunction Expansions	
MAT 118C	Partial Differential Equations: Green's Functions & Transforms	
MAT 119A	Ordinary Differential Equations	
MAT 119B	Ordinary Differential Equations	
MAT 124	Mathematical Biology	
MAT 127A	Real Analysis	
MAT 127B	Real Analysis	
MAT 127C	Real Analysis	
MAT 128A	Numerical Analysis	
MAT 128B	Numerical Analysis in Solution of Equations	
MAT 128C	Numerical Analysis in Differential Equations	
MAT 129	Fourier Analysis	
MAT 133	Mathematical Finance	
MAT 135A	Probability	
MAT 135B	Stochastic Processes	
MAT 141	Euclidean Geometry	
MAT 145	Combinatorics	
MAT 146	Algebraic Combinatorics	
MAT 147	Topology	
MAT 148	Discrete Mathematics	
MAT 150A	Modern Algebra	
MAT 150B	Modern Algebra	
MAT 150C	Modern Algebra	
MAT 165	Mathematics & Computers	
MAT 167	Applied Linear Algebra	
MAT 168	Optimization	
MAT 170	Mathematics for Data Analytics & Decision Making	
MAT 180	Special Topics	
MAT 185A	Complex Analysis	
MAT 185B	Complex Analysis	
Total Units		**20**

[1] Exclusive of MAT 189, MAT 192, MAT 194, MAT 197TC, MAT 198, MAT 199.