

## Minor

# Mathematics-Applied Mathematics Minor

The mathematics-applied mathematics minor consists of the following:

MATH 307	Ordinary Differential Equations	3
MATH 312	Calculus III	4
MATH 317	Calculus IV: Introductory Analysis	3
Select two of the following:		6
MATH 316	Introductory Linear Algebra	
MATH 401	Partial Differential Equations	
MATH 408	Applied Numerical Methods I	
MATH 409	Applied Numerical Methods II	
MATH 417	Intermediate Real Analysis I	
MATH 420	Applied Mathematics I: Biomathematics	
MATH 421	Applied Mathematics II: Mathematical Modeling	
MATH 422	Applied Complex Variables	
MATH 427	Applied Mathematics III: Elasticity	
MATH 428	Applied Mathematics IV: Fluid Mechanics	
MATH 457	Mathematics in Nature	
Or approved topics or BDA courses		

**Total Credit Hours** **16**

At least nine credit hours in the chosen minor must be taken through courses offered by Old Dominion University. Students must have an overall grade point average of at least 2.00 in all courses specified as a requirement for the minor in their chosen minor exclusive of 100/200-level courses and prerequisite courses.