

## Mathematics

<b>Degrees Offered</b>	<b>BA Mathematics</b>	<b>BS Mathematics</b>
<b>Prerequisite</b>	MATH 115 or equivalent	
<b>Requirements for each degree</b>	<b>10 term courses</b> numbered 222 or higher	<b>10 term courses</b> numbered 222 or higher, <b>and 2 addtl adv courses</b> in physical sciences approved by DUS
	MATH 225 or 226; MATH 255 or 256; and MATH 302 or 120	
	2 courses in each of 3 categories chosen from:  Analysis  Algebra and Number Theory  Statistics and Applied Mathematics  Geometry and Topology  Logic and Foundations	
	Courses from at least 2 of 3 core areas: Algebra, Real Analysis, and Complex Analysis  (One course may count towards one core area and one category.)	
	Senior Seminar (MATH 480)      or      Senior Essay (MATH 475) and oral report, with DUS permission	
<b>Intensive Major</b>	Courses in all 3 core areas; 2 MATH grad courses or equivalent independent study counted among the required courses	
<b>Substitutions Permitted</b>	Certain courses in Applied Mathematics, Computer Science, Engineering & Applied Science, Economics, Philosophy, Physics, Statistics & Data Science, or other departments, with DUS permission	