

# Major in Mathematics-B.S. GEN ED/COAS 2017

<b>Requirements (Groups I and II):</b>			<b>Total CR</b>	
<b>English</b>	<input type="checkbox"/> ENG W131 _____	<b>Speech</b>	<input type="checkbox"/> SPCH S121 _____	<b>6 CR</b>
<input type="checkbox"/> <b>Two intensive writing courses</b>	<input type="checkbox"/> 1. Usually ENG W231 (or equivalent) _____ (This course can also be used to satisfy other distribution requirements)		<b>3 CR</b>	
	<input type="checkbox"/> 2. MATH M493 Thesis or another IW class			
<b>Natural Science Lab</b>			<b>4-5 CR</b>	
<b>Group III:</b>	<input type="checkbox"/> <b>COAS Group IIIB</b> ≥ 6 CR	<input type="checkbox"/> <b>COAS Group IIIC</b> ≥ 6 CR	<b>18 CR</b>	
(at least 2 disciplines in each column) (≤9 CR per discipline across Groups I-IV)				
<b>Group IV: Diversity</b>	_____ (A Group IVB course which can also be used to fulfill the IIIB/IIIC requirements)			
	Math Lab Tutoring (≥10 hours) _____ OR Ethics Course : _____ (This course can be used to satisfy both Group II or COAS IIIB/IIIC)			
<b>Group V: Major</b>			<b>42-44 CR</b>	
<u>A: Required Core Courses:</u>	<input type="checkbox"/> M215 _____ <input type="checkbox"/> M301 _____ <input type="checkbox"/> M360 _____	<input type="checkbox"/> M216 _____ <input type="checkbox"/> M311 _____ <input type="checkbox"/> M391/M393 _____	<b>23 CR</b>	
<u>B: Applications:</u>	Four additional 300-400 mathematics courses 1. _____ 2. _____ 3. _____ 4. _____		<b>12 CR</b>	
<u>C: Senior Concentration :</u>	Choose two courses from: M366 _____ M403 _____ M405 _____ M413 _____		<b>6 CR</b>	
<u>D: Senior Thesis in Mathematics:</u>	<input type="checkbox"/> MATH M493 _____ (C+D = capstone)		<b>1-3 CR</b>	
<input type="checkbox"/> <b>Group VI: Minor</b>				
(≥ 15CR) in another discipline (grade ≥ C-)			<b>15 CR</b>	
(Waived for double degree with Education)			<b>88-91 CR</b>	
<b>Additional requirements</b>				
Total CR ≥ 120 CR	300-400 level CR ≥ 36	COAS CR ≥ 105 (86 if double degree in Education)		