



**Applied- Math BS and Statistics Minor**

120 Credits Total

35/37 + 13/14 = 48/51 – Required Applied Math Major Credits

29/30 - Statistics Credits (MTH 451 + 15 or more STA credits for a minor)

**GENERAL EDUCATION GUIDELINES:** General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (note- HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

**STEP 2:**

**STEP 3:**

General Education Credit Count			
At least 40 credits, no more than 12 credits with the same course code.			
Course	Cr.	Course	Cr.
MTH 141	4		
MTH 142	4		
MTH 243	3		
CSC 201	4		
<i>DSP 393G</i> or <i>OCG 108G</i>	3 or 4		
ART 105	3		
BIO 181G	3		
COM 100	3		
ECN 201	3		
ECN 202	3		
PHL 212	3		
PHL 217	3		
WRT 201	3		
		Total Gen Ed credits	40

General Education Outcome Audit	
	Course
<b>KNOWLEDGE</b>	
A1. STEM	MTH 141
A2. Social & Behavioral Sciences	ECN 202
A3. Humanities	PHL 212
A4. Arts & Design	ART 105
<b>COMPETENCIES</b>	
B1. Write effectively	WRT 201
B2. Communicate effectively	COM 100
B3. Mathematical, statistical, or computational strategies	MTH 141
B4. Information literacy	WRT 201
<b>RESPONSIBILITIES</b>	
C1. Civic knowledge & responsibilities	ECN 202
C2. Global responsibilities	PHL 217
C3. Diversity and Inclusion	PHL 212
<b>INTEGRATE &amp; APPLY</b>	
D1. Ability to synthesize	<i>DSP 393G</i> or <i>OCG 108G</i>
<b>GRAND CHALLENGE</b>	
G. Check that at least one course of your 40 credits is an approved "G" course	<i>DSP 393G</i> or <i>OCG 108G</i>

**Required Courses in the major MTH141/142/243 and CSC 201.** Other courses listed above are recommendations only and students may use other appropriate courses to satisfy the General Education outcome.

Courses listed in **BLUE** have been developed, submitted, and are in the approval process stage.

35/37 MTH required credits + 13/14 CSC/STA required credits + 33/34 additional recommended credits + 27/28 additional required general education credits (add up to 40 and satisfy all outcomes) = total 108 to 113 credits. Students have additional 7 to 12 free elective credits to add up to the minimum of 120 credits required for graduation.

**Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.**