

# CENTRAL CONNECTICUT STATE UNIVERSITY

## FOUR-YEAR ACADEMIC MAP

- Checkpoint:** The ideal time for completing a particular requirement (recommended).
- Warning:** This indicates that a milestone will soon be approaching (could delay graduation).
- Milestone:** A program or degree requirement that must be completed by this specific time in order to graduate in 4 years and/or continue in the major/program (required, cannot proceed)

Effective Term Fall 2013

Mathematics  
Actuarial Science

Semester 1	Cr.	Min. Gr.	Milestones
MATH152 Calculus	4	C-	PE 144 required for those matriculated with less than 15 credits  MATH 152 double counted for Skill Area II
ENG 110 Freshman Composition	3		
FYE 101 First Year Experience	3		
General Education Courses	3		
ECON 200/201 Macro or Micro economic	3		
PE 144	1		
<b>TOTAL</b>	<b>17</b>		

Semester 2	Cr.	Min. Gr.	Milestones
MATH 221 Calculus II	4	C-	6 general education courses must be designated as "international" [I]
A Laboratory Science Course	4	C-	
Econ 200/201 Macro or Micro economics	3		
A History Course	3		
A General Education Course	3		
<b>TOTAL</b>	<b>17</b>		

Semester 3	Cr.	Min. Gr.	Milestones
MATH 222 Calculus II	4	C-	
MATH 218 Discrete Mathematics	4	C-	
ACCT 211 Financial Accounting	3		
A literature course	3		
A general education course	3		
<b>TOTAL</b>	<b>17</b>		

Semester 4	Cr.	Min. Gr.	Milestones
MATH 228 Linear Algebra	4	C-	
STAT 315 Mathematical Statistics I	3	C-	
General Education or electives	6		
A laboratory science course	4		
<b>TOTAL</b>	<b>17</b>		

Semester 5	Cr.	Min. Gr.	Milestones
STAT 416 Mathematical Statistics II	3	C-	
ACTL 481 Review for P (1) exam	3		
ACTL 335 Theory of Interest	3	C-	
FIN 295 Managerial Finance	3		
General education or electives	3		
<b>TOTAL</b>	<b>15</b>		

Semester 6	Cr.	Min. Gr.	Milestones
ECON 460 Economic Forecasting	3		
ACTL 482 Review for FM (2)	3		
FIN 301 Intermediate Managerial Finance	3		
General Education or electives	3		
Electives in Major	3		
<b>TOTAL</b>	<b>15</b>		

Semester 7	Cr.	Min. Gr.	Milestones
ACTL 465 Actuarial Models I	4	C-	
General Education or electives	3		
Electives in Major	9		
<b>TOTAL</b>	<b>16</b>		

Semester 8	Cr.	Min. Gr.	Milestones
ACTL 466 Actuarial Models II	4	C-	
Stat 425 Loss Distributions and Credibility	3	C-	
General Education and Electives	3		
Electives in Major	6		
<b>TOTAL</b>	<b>16</b>		

**TOTAL 122**

This academic map is not a contract, either expressed or implied, between the University and the student, but represents a flexible program of the current curriculum which may be altered from time to time to carry out the academic objectives of the University. The University reserves the right to change, delete or add to any Map at any time within the student's period of study at the University.