# 2015-2016 Degree Requirement Summary for a B.S. in Actuarial Sciences

## General Education Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 101</td>
<td>Information Technology</td>
</tr>
<tr>
<td>EXP 1______</td>
<td>Expository Writing I</td>
</tr>
<tr>
<td>EXP 2______</td>
<td>Expository Writing II</td>
</tr>
<tr>
<td>LIT/CIN/EMS__</td>
<td>Literature</td>
</tr>
<tr>
<td>MA 131</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MA 139</td>
<td>Calculus II</td>
</tr>
<tr>
<td>NASC______</td>
<td>Natural Science (4cr)</td>
</tr>
<tr>
<td>__________</td>
<td>Government: GLS 100, 102, or 105</td>
</tr>
<tr>
<td>__________</td>
<td>History</td>
</tr>
<tr>
<td>PH 101</td>
<td>Problems of Philosophy</td>
</tr>
<tr>
<td>PS/SO______</td>
<td>Behavioral Science</td>
</tr>
<tr>
<td>__________</td>
<td>Humanities/Social Science Elective</td>
</tr>
<tr>
<td>EC 111</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>EC 112</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>FS 111</td>
<td>First Year Seminar (1cr) (Day Students only)</td>
</tr>
</tbody>
</table>

## Major Requirements

1. MA 233 Calculus III
2. MA 239 Linear Algebra
3. MA 252 Math Statistics
4. MA 263 Continuous Probability
5. MA____ MA 310 or MA 357
6. MA____ Focus Course
7. MA____ Focus Course
8. MA____ MA Elective

## Arts and Science Electives

9. __________ Behavioral Science
10. __________ Humanities/Social Science Elective
11. __________ Principles of Microeconomics
12. __________ Principles of Macroeconomics
13. __________ First Year Seminar (1cr) (Day Students only)

### Business Studies Major

- GB 110 Legal and Ethical Environment of Business
- GB 112 Tools & Concepts in Accounting & Finance
- GB 212 Practice & Applications in Acct. & Finance
- GB 213 Statistical Analysis of Business Data
- GB 214 Marketing-Operations Fundamentals
- GB 215 Human Behavior and Organizations
- __________ Business elective
- __________ Business Elective

### Business Studies Minor

- GB 110 Legal and Ethical Environment of Business
- GB 112 Tools & Concepts in Accounting & Finance
- GB 212 Practice & Applications in Acct. & Finance
- GB 213 Statistical Analysis of Business Data
- GB 214 Marketing-Operations Fundamentals
- GB 215 Human Behavior and Organizations
- OR GB 215 Human Behavior and Organizations

### Unrestricted Elective Courses

14. __________ __________
15. __________ __________
16. __________ __________
17. __________ __________
18. __________ __________

## Art and Science Electives

19. __________ __________
20. __________ __________
21. __________ __________
22. __________ __________

### Course Focus Requirements

- U.S. Diversity Intensive (D)
- International Intensive (I)
- Communication Intensive (C)

---

1. Students are urged to meet with a faculty mentor in the MA department on a regular basis, particularly before you register for their MA major requirements.
2. Select focus courses from the following: MA 310 or 357 (if not used to fulfill a major requirement), MA 243, MA 335, or MA 343.
3. Any MA course 200 or higher (except MA 249) not otherwise required for the major.
4. Students must choose either a Business Studies Major or Business Studies Minor.
5. Students who choose to pursue a Liberal Studies Major (LSM) cannot do a Business Studies Major, but must complete a Business Studies Minor, instead.
6. Students may take no more than 30 credits of business courses, including the courses from the business studies major or minor.

---

Total credits required: 122

Note: Transfer students with at least 15 credits in transfer will complete 121 credits. All courses are 3 credits unless otherwise indicated.
Actuarial Science

Major Pre-requisite structure for ASC Majors:

- Select focus courses from the following: MA 310 or 357 (if not used to fulfill a major requirement), MA 243, MA 335, or MA 343.
- Students must choose either a Business Studies Major or Business Studies Minor.
- Students who choose to pursue a Liberal Studies Major (LSM) cannot do a Business Studies Major, but must complete a Business Studies Minor, instead.
- ASC students may take no more than 30 credits of business courses, including the courses from the business studies major or minor.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Pre-requisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 233</td>
<td>MA 139</td>
</tr>
<tr>
<td>MA 239</td>
<td>MA 139</td>
</tr>
<tr>
<td>MA 252</td>
<td>MA 139 &amp; GB 213</td>
</tr>
<tr>
<td>MA 263</td>
<td>MA 139 &amp; GB 213</td>
</tr>
<tr>
<td>MA 310 or 357</td>
<td>MA 139</td>
</tr>
<tr>
<td>MA Focus Course</td>
<td>Varies by course</td>
</tr>
<tr>
<td>MA Focus Course</td>
<td>Varies by course</td>
</tr>
<tr>
<td>MA Elective</td>
<td>MA 131 or 139</td>
</tr>
</tbody>
</table>