# 2015-2015 Degree Requirement Summary

## For a B.S. in Mathematical Sciences

### General Education Requirements

- IT 101 Information Technology
- EXP 1 Expository Writing I
- EXP 2 Expository Writing II
- LIT/CIN/EMS Literature
- MA 131 Calculus I
- MA 139 Calculus II
- NASC Natural Science (4cr)
- HI History
- PH 101 Problems of Philosophy
- PS/SO Behavioral Science
- Humanities/Social Science Elective
- EC 111 Principles of Microeconomics
- EC 112 Principles of Macroeconomics
- FS 111 First Year Seminar (1cr) (Day Students only)

### Major Requirements

1. MA 233 Calculus III
2. MA 239 Linear Algebra
3. MA 252 Math Statistics
4. MA 263 Continuous Probability
5. MA Elective
6. MA Elective
7. MA Elective
8. MA Elective

### 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 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

### Arts and Science Electives

1. __________ ____________
2. __________ ____________
3. __________ ____________
4. __________ ____________
5. __________ ____________
6. __________ ____________

### Unrestricted Elective Courses

1. __________
2. __________
3. __________

### Business Studies Minor (continued)

- OR GB 215 Human Behavior and Organizations

### Course Focus Requirements

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

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.

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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. Any MA course 200 or higher (except for MA 249) not otherwise required.
3. Elective guidelines are available in the Registration Booklet.
4. Students must complete 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.

*Students may take no more than 30 credits of business courses, including the courses from the business studies major or minor.*
Mathematical Sciences

Students pursuing a major in Mathematical Sciences may tailor their electives to be congruent with their academic and personal interests.

Major Pre-requisite structure for MA Majors:

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<thead>
<tr>
<th>Courses</th>
<th>Pre-requisites</th>
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<tbody>
<tr>
<td>MA 233</td>
<td>MA 139</td>
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<td>MA 239</td>
<td>MA 139</td>
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<tr>
<td>MA 252</td>
<td>MA 139 &amp; GB 213</td>
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<tr>
<td>MA 263</td>
<td>MA 139 &amp; GB 213</td>
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<td>MA Elective</td>
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</tbody>
</table>

Math elective is any MA course 200 or higher (except for MA 249) not otherwise required.

- Students must complete 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.

- Students may take no more than 30 credits of business courses, including the courses from the business studies major or minor.