MATH 122 Calculus I 4
MATH 221 Calculus II 4
MATH 222 Calculus III 4
MATH 335 Linear Algebra 4
MATH 340 Probability 3
Mathematics Specialization
MATH 469 Mathematical Modeling 3
STAT 330 Fundamentals of Modern Statistics I 3
Mathematics Electives
Select 18 credits from the list (see below) 18
Collateral Requirements
CSIT 111 Fundamentals of Programming I 3
CSIT 112 Fundamentals of Programming II 3
Select one of the following sequences: 8-9
PHYS 191 University Physics I 1
& PHYS 192 and University Physics II 1
CHEM 120 General Chemistry I 1
& CHEM 121 and General Chemistry II 1
BIOL 112 Principles of Biology I 1
& BIOL 113 and Principles of Biology II 1
EAES 105 Physical Geology 1
& EAES 240 and Historical Geology 1
ECON 101 Applied Macroeconomics 1
& ECON 102 and Applied Microeconomics 1
& MGMT 231 and Management Processes 1
ACCT 201 Fundamentals of Financial Accounting 1
& ACCT 202 and Fundamentals of Managerial Accounting 1
& MGMT 231 and Management Processes 1
Graduate Requirements
STAT 542 Statistical Theory I 3
STAT 544 Statistical Computing 3
STAT 552 Intermediate Statistics Methods 3
Total Credits 66-67

1 Complete as part of the combined BS Math/MS Stat program.

Mathematics Electives

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<th>Code</th>
<th>Title</th>
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<tr>
<td>MATH 320</td>
<td>Transitions to Advanced Mathematics</td>
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<td>MATH 323</td>
<td>Complex Variables</td>
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