### UNIVERSITY REQUIREMENTS

All requirements must be fulfilled as indicated in the University Catalog. Exceptions are granted only in extenuating circumstances and only by the Office of Academic Programs.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>CR</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110</td>
<td>Critical Reading and Writing (minimum C-)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FREC165</td>
<td>First Year Experience/FYE</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discovery Learning Experience (DLE)</td>
<td>3</td>
<td></td>
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<tr>
<td></td>
<td>Multicultural Course</td>
<td>3</td>
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</tbody>
</table>

**University Breadth Requirements**

(A minimum grade of C- is required for all University Breadths)

- Creative Arts and Humanities: 3 credits
- History and Cultural Change: 3 credits
- Social and Behavioral Sciences: 3 credits
- Mathematics, Natural Sciences, and Technology: (MATH 210 fulfills this requirement) *

### COLLEGE BREADTH REQUIREMENTS

- **Agriculture and Natural Resources**
  - (3 approved areas, 9 credits)
- **Physical Sciences**
  - Courses must be taken from CHEM, PHYS, GEOL, or SCEN.
  - (8 credits)

* Credits for these courses should not be counted in the total number of credit hours as they have already been included elsewhere on this check sheet.

### MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>TITLE</th>
<th>CR</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 212</td>
<td>Oral Communication</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>STAT 200 or 408</td>
<td>Research Methods and Statistics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 210</td>
<td>Discrete Mathematics I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 242*</td>
<td>Analytic Geom. &amp; Calc. B</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 243</td>
<td>Analytic Geom. &amp; Calc. C</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 245</td>
<td>An Introduction to Proof</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 349</td>
<td>Elementary Linear Algebra</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 401</td>
<td>Intro. to Real Analysis</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 426</td>
<td>Intro. to Numerical Analysis &amp; Algorithms</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>STAT 470</td>
<td>Intro. to Statistical Analysis I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>STAT 471</td>
<td>Intro. to Statistical Analysis II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>STAT 409</td>
<td>Regression and Experim. Design</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FREC 409</td>
<td>Research Methods II</td>
<td>3</td>
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</tbody>
</table>

* May require MATH 241 as prerequisite

One of the following courses:
- STAT 611 Regression Analysis 3
- STAT 615 Design and Anal. of Experim 3
- STAT 674 Applied Database Mgmt. 3
- FREC 615 Advanced Prices & Stat. 3

One of the following options (A, B, or C):

#### Option A (for students with previous experience with a programming language):
- CISC 181 Intro. Computer Science 3
- CISC 220 Data Structures 3

#### Option B and C (for students with no previous experience with programming language):
- CISC 108 Intro. Comp. Science I 3
- CISC 181(B) or 120(C) Intro Computer Science; C++ Programming 3
- CISC 220 Data Structures 3
Statistics

Comments:
Use this space to provide information on course substitutions or waivers. All changes to Departmental/Major requirements must be approved in writing by the Department Chair. All changes to University/College requirements require approval of the Assistant Dean for Student Services.

NOTES:

RE: University Breadth Requirements
Students may not use a course that is cross-listed with a subject area that has already been used to satisfy a university breadth requirement. Students enrolled in a single major may not satisfy the breadth requirement with courses in the subject area of that major (e.g. chemistry majors may not use CHEM courses). Students who are enrolled in more than one major or degree are allowed to meet the University breadth requirement by taking approved breadth courses from within the subject areas of their majors.

RE: College Breadth Requirements
A minimum of nine credits from any three different subject area codes, outside the subject area codes of the student’s major, offered by the Departments in the College of Agriculture and Natural Resources. The exceptions would be any course that states in the course description that it cannot be used to satisfy the College breadth requirements, special problems, research, internships, first year experience, seminars, and similar courses.

Other:
It is possible that courses taken to fulfill Major requirements also may be used to fulfill University or College requirements; check your catalog and with your advisor for restrictions. In the case that one course fulfills two requirements, be advised that the credits count only ONCE toward the overall total. For example, using HIST 103 to fulfill both the multicultural course and the History and Cultural Change breadth requirement may be allowed; however, only 3 credits are counted toward the degree total.

Major Requirements Cont.

Second Approved Writing Requirement
Any three credit course satisfying the College of Arts and Sciences Second Writing Course requirement. Recommended courses are: ENGL 301, ENGL 312, ENGL 410, and ENGL 415.

(3 credits)

Area of application
Program outside of Statistics, to be developed with advisor.

(15 credits)

Electives
See catalog for restrictions.

(20-23 credits)

Course Title

CR GRADE

Minimum Credit Hours Required for Graduation = 124

Your Total Credit Hours: ____________

Major requirements are approved by your advisor and the department chair or designee:

Advisor’s Signature: ________________________________

Department Designee: ________________________________

Student Signature: ________________________________

Signature of the Office of Academic Programs: ________________________________