I. General Education: Foundations (15–18 units)

A. Freshman Composition (6 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 100</td>
<td>6</td>
</tr>
<tr>
<td>English 101</td>
<td>6</td>
</tr>
<tr>
<td>English 102</td>
<td>6</td>
</tr>
</tbody>
</table>

Honors Students

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 103H</td>
<td>6</td>
</tr>
<tr>
<td>English 104H</td>
<td>6</td>
</tr>
</tbody>
</table>

Foreign Students

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 106</td>
<td>6</td>
</tr>
<tr>
<td>English 107</td>
<td>6</td>
</tr>
<tr>
<td>English 108</td>
<td>6</td>
</tr>
</tbody>
</table>

B. Second Language (One of the following)

- Score the equivalent of second-semester proficiency on an entrance or placement examination administered by the University of Arizona.
- Complete a second semester course at the post-secondary level with a grade of C or better. (Units are not included in the credit hours for the degree.)
- Achieve an AP score of 2 or higher or a CLEP score of 41 or higher. [American students who are native speakers of languages other than English (e.g., Spanish, American Sign Language, Navajo) will be accommodated by the appropriate department. Foreign students who are native speakers of languages other than English may fulfill the second language requirement through proficiency in English.]

C. Mathematics (9–12 units; the Math Placement Test is a prerequisite)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 109 or 110 or 112</td>
<td>9</td>
</tr>
<tr>
<td>College Algebra (4) or (3)</td>
<td></td>
</tr>
<tr>
<td>Math 115a Business Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>ITSA 116 Statistical Foundations</td>
<td>3</td>
</tr>
<tr>
<td>for the Information Age (3)</td>
<td></td>
</tr>
<tr>
<td>Math 263 Intro to Statistics and</td>
<td>3</td>
</tr>
<tr>
<td>Biostatistics (3)</td>
<td></td>
</tr>
<tr>
<td>SBS 200 Intro to Statistics for</td>
<td>3</td>
</tr>
<tr>
<td>the Social Sciences (3)</td>
<td></td>
</tr>
<tr>
<td>Math 113 Elements of Calculus</td>
<td>3</td>
</tr>
<tr>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>Math 124 Calculus with</td>
<td>3</td>
</tr>
<tr>
<td>Applications (5)</td>
<td></td>
</tr>
<tr>
<td>Math 125 Calculus I (3)</td>
<td></td>
</tr>
</tbody>
</table>

Choose one
II. Tier 1 (18 units; must be completed prior to completion of 60 units)*
A. Natural Sciences [NATS] (2 courses from separate categories)
___________________________________________________________________________________
___________________________________________________________________________________

B. Individuals & Societies [INDV] (2 courses from separate categories)
___________________________________________________________________________________
___________________________________________________________________________________

C. Traditions & Cultures [TRAD] (2 courses from separate categories)
___________________________________________________________________________________
___________________________________________________________________________________

III. Tier 2 (12 units)
A. Natural Sciences (1 course from approved list)
___________________________________________________________________________________

B. Individuals and Societies
Satisfied by major requirements

C. Humanities (1 course from approved list)
___________________________________________________________________________________

D. Arts (1 course from approved list)
___________________________________________________________________________________

E. Diversity Emphasis (1 course from approved list)
___________________________________________________________________________________
IV. Environmental and Water Resource Economics Pre-major
(12–15 units)

A. Communication (Complete 6 units from this list or a course approved by the advisor.)

- AED 409 Team and Organizational Leadership
- AED 422 Communicating Knowledge in Agriculture and the Life Sciences
- COMM 101 Intro to the Study of Communication
- COMM 113 Intro to Small Group Communication (May need Departmental consent to register)
- COMM 114 Intro to Interpersonal Communication (May need Departmental consent to register)
- COMM 119 Public Speaking (May need Departmental consent to register)
- ENGL 307 Business Writing
- ENGL 308 Technical Writing
- SWES 408 Scientific Writing for Environmental, Agricultural, and Life Sciences

B. Computer Skills (3 units; Choose one.)

- ABE 120 Microcomputing Applications
- MIS 111 Introduction to Computing
- RNR 271 Natural Resources Computer Applications

C. Economics (3–6 units; Choose either Econ 200 or both Econ 201a and 201b)

- ECON 200 Basic Economic Issues
- ECON 201a Principles of Economics (Micro)
- ECON 201b Principles of Economics (Macro)

V. Environmental & Water Resource Economics Courses (42 units)

A. Required Core Courses (9 units)

- AREC 304 Intermediate Production and Consumption Analysis (S)
- ECON 300 Microeconomic Analysis for Business Decisions
- ECON 361 Intermediate Microeconomics; (See Advisor)
- AREC 339 Economic Statistics (F)
- MGMT 276 Statistical Inference in Management
- AREC 478 Economics of the Natural Environment (S)
- AREC 476 Environmental Law and Economics (S)
B. Focus Areas. (33 units required; any combination) Substitutions are permissible with advisor approval and can include courses not taken in the required core (Section A) above.

1. **Quantitative Methods**
   - [ ] RNR 403 Applications of Geographic Information Systems
   - [ ] SWES 453 Remote Sensing of the Environment
   - [ ] AREC 403 Marketing and Price Analysis (S)
   - [ ] ECON 418 Introduction to Econometrics
   - [ ] SWES 417 Geographic Information Systems for Natural Resources
   - [ ] GEOG 461 Environmental and Resource Geography
   - [ ] ECON 431 Games and Decisions
   - [ ] RNR 485 Natural Resource Economics and Planning

2. **Management and Policy**
   - [ ] SWES 444 Applied Environmental Law
   - [ ] ECON 438 Law and Economics
   - [ ] AREC 360 The Poverty and Development of Nations
   - [ ] AREC 464 Economics of Policy Analysis (F)
   - [ ] AREC 479 Economics of Water Management and Policy (F)
   - [ ] SWES 418 Introduction to Human Health Risk Assessment
   - [ ] PA 481 Environmental Policy
   - [ ] RNR 480 Natural Resources Policy and Law
   - [ ] HIST 355 U.S. Environmental History
   - [ ] HWR 415 Introduction to Water Resources Policy

3. **Environmental Science**
   - [ ] ECOL 302 Introduction to Ecology
   - [ ] HWR 250 R/L Principles of Hydrology
   - [ ] SWES 200 Soils
   - [ ] SWES 462 Environmental Soil and Water Chemistry
   - [ ] ENG 308 Technical Writing
   - [ ] SWES 408 Scientific Writing for Environmental, Agricultural, and Life Sciences
   - [ ] RNR 316 Natural Resources Ecology
   - [ ] HWR 450 & 451 Environmental Hydrology and Lab
   - [ ] WSM 462 Watershed Management
VI. General Electives (21–29 units)

Internship credits (AREC 393 or 493) are encouraged as well

Graduation Requirements

- 18 units must be AREC courses
- 42 units upper division courses
- 120 total units
- Writing Proficiency Exam (satisfactory grade or writing development course)
- Minimum 2.0 GPA in major courses
- Minimum 2.0 cumulative GPA (including all UA coursework)