

Checklist - BS in Agriculture Technology Management & Education

Option –Professional Education 2005-2006

University Requirements

1. Foundations

Second Language: Depends on Placement --Second semester skill required

_____ ()
 _____ ()

For a current list of approved Gen Ed courses, see <http://catalog.arizona.edu/~gened/>

Foundations & General Education

1. Basic Skills and Proficiencies [22 units]

Foundation English (Univ. Comp. Req.) [6 units]
 ENGL 101 or ENGL 107 or ENGL 103H.....3 ()
 ENGL 102 or ENGL 108 or ENGL 104H.....3 ()

Communications [9 units]
 A ED 301 (required)3 ()
 A ED 422¹ (required).....3 ()
 AGTM 432.....3 ()

Foundation Mathematics [4 units]
 MATH 110-485 (excluding 263).....4 ()

Computer Skills [3 units]
 AGTM 120 (*Microcomputing*).....3 ()

2. Tier I [20 units]

Traditions and Cultures [6 units]
 TRAD 1013 ()
 TRAD 102 or 103 or 104 (Recommended).....3 ()

Individuals and Societies [6 units]
 INDV 101 or 102 or 103.....3 ()
 _____ ()

Natural Science [8 units]
 CHEM 103A/104A.....4 ()
 MCB 181 R/L.....4 ()

3. Tier II [13 units]

Arts [3]
 Tier II selection.....3 ()

Individuals and Societies [3]
 AGTM 380.....3 ()

Humanities [3]
 Tier II selection.....3 ()

Natural Sciences [4]
 CHEM 103 B/104 B.....4 ()

¹ Writing emphasis course

Agriculture & Education

Agricultural Mechanics [a minimum of 9 units]
 AGTM 100 (required).....3 ()
 AGTM 350 (required).....3 ()
 AGTM 330 or 351.....3 ()

Animal Sciences [a minimum of 5 units].....5 ()

Agricultural Economics [a minimum of 5 units]
 AREC 316 (required).....3 ()
 AGTM 213.....3 ()
 AREC 215 or Econ 201A.....3 ()
 AREC 350.....3 ()

Plant Sciences, Plant Protection & Soils
 [14 units]
 PL S 130 (required).....4 ()
 SWES 200, 201 (required).....4 ()
 One course from PLS 300-499.....3 ()
 Elective.....3 ()

Natural Resources and Policy [a minimum of 5 units]
 ENTO 497C or 468.....3 ()
 _____ ()

Agricultural Science Electives [a minimum of 3 units]
 selected by student and advisor.
 PLS 217.....3
 PLS 405.....3 ()
 PLS 329.....3 ()
 PLS 360.....3 ()
 ANS 213.....3 ()
 ANS 215.....3 ()

Professional Education [29 units required]
 Admission to teacher education required to complete courses below:
 AED or AGTM 195a.....1 ()
 A ED 462 (Spring, Junior Year).....2 ()
 A ED 493 (Summer, Senior Year)2 ()
 A ED 498 (Summer, Senior Year).....2 ()
 A ED 460 (Fall, Senior Year).....4 ()
 A ED 438 (Fall, Senior Year).....4 ()
 AED 497G (Winter Intersession).....2 ()
 A ED 485 (Spring, Senior Year).....2 ()
 A ED 407 (Spring, Senior Year).....2 ()
 A ED 493 (Spring, Senior Year).....5 ()
 A ED 498 (Spring, Senior Year).....3 ()

Electives

 Writing Proficiency _____
 GPA 2.0 min. _____
 Senior check _____
 120 credits _____
 42 upper division credits _____

In addition to listed coursework, the state of Arizona requires the following for certification:

- SEI (LRC 416)
- POL 210

Agricultural Education Teacher Certification Program

Freshman- First Semester Junior	Fall of Junior Year	Spring of Junior Year	Prior to start of Fall Semester	Fall Semester	Prior to start of Spring Semester	Spring Semester	
<p>Complete Tier 1 & Tier II Requirements for University And selected course work for Major</p> <p>Complete 30 hours of agriculturally related course work</p> <p>Complete AED 195a colloquium</p>	<p>submit application for entrance into Teacher Prep program</p> <p style="text-align: center;"><i>Obtain fingerprint clearance</i></p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">AED 462/562 (3) Meets 8-9 MWF</div> <div style="border: 1px solid black; padding: 5px;">State FFA Career Development Day (CDE)</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">AED 493/593 (2) TBA</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">AED 498 (2) TBA</div> <p>Participate in the State FFA Leadership Conference (June)</p> <p>1 day on Campus for AED 493/498 orientation (June)</p> <p>5 days in Cooperating Center</p>	<p>Attend the National FFA Convention with your Cooperating Teacher* or complete 5 days of student related activities (see the approved list)</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">AED 438/538 (4) Meets 9-12 Mondays & Wednesdays</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">AED 460/560 (4) Meets 9-4 Fridays</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">AED 497G (2) (Winter Intersession) TBA</div> <p style="text-align: center;">5 days in Cooperating Center</p>	<p style="text-align: center;">3 Week Block</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">AED 485/585 (2) (Meets 9-11:50)</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">AED 407/507 (2) (Meets 1-4)</div>	<p style="text-align: center;">13 Weeks of Student Teaching AED 493/593 (5) AED 498 (3)</p> <p style="text-align: center;">Post student Teaching Seminars (Finals Week)</p>

Summer
Break

- | | |
|-----------------|--|
| AED 462/562 (3) | Curriculum development (junior year) |
| AED 493/593 (2) | Internship: Pre-student teaching experience (summer) |
| AED 498 (2) | Senior Capstone: Student teaching assignments (summer) |
| AED 460/560 (4) | Instructional Materials Development (fall) |
| AED 438/538 (4) | The Teaching of Agriculture (fall) |
| AED 497G (2) | Practicums (winter intersession) |
| AED 485/585 (2) | Teaching Psychomotor Skills in Laboratory Science (spring) |
| AED 407/507 (2) | Principles of Vocational Education (spring) |
| AED 493/593 (5) | Internship: Student Teaching (spring) |
| AED 498 (3) | Senior Capstone: Student Teaching Assignments (spring) |

* If your cooperating center is unable to attend other arrangements will be made.
 **See attached document for Institutional Recommendation Requirements.

85 Field approved competencies provide guidance to the program.

In addition to the course work listed here, the state of Arizona requires the following courses/items for teaching certification:

- SEI (LRC 416)
- POL 210
- Institutional Recommendation