



## Agricultural Technology Management & Education (AGTE) Checklist Catalog Year: 2022-2023

<b>GENERAL EDUCATION REQUIREMENTS (46 units)</b>	
<p><b>English Composition (6)</b>            ENGL 101 _____ and ENGL 102 _____</p> <p><b>Mathematics (3)</b>            Math 112 _____</p> <p><b>Second Language (2<sup>nd</sup> semester proficiency) (4)</b>            _____            _____</p> <p><b>Sciences (Lecture &amp; Lab) (12)</b>  <sup>4</sup>CHEM 151 _____            MCB 181R _____ and MCB 181L _____            ECOL 182R _____ and ECOL 182L _____</p>	<p><b>General Education (23)</b>  <u>Encompassing courses (2)</u>            _____ UNIV 101            _____ UNIV 301</p> <p><u>Exploring Perspectives (12)</u>            _____ Artist            _____ Humanist            _____ Natural Scientist            _____ Social Scientist</p> <p><u>Building Connections (9)</u>            _____</p>

<b>AGTE CORE REQUIREMENTS (29 units)</b>	
<p>_____ <sup>1</sup>AED 195A Freshman Colloquium (1)</p> <p>_____ <sup>1</sup>AGTM 100 <i>Princ. &amp; Pract. of Ag Mechanics</i> (3)</p> <p>_____ <sup>2</sup>AGTM 200, 330 or AGTM 351 <i>Ag Mechanics II</i> (3)</p> <p>_____ <sup>1</sup>AED 301 <i>Youth Leadership Development</i> (3)</p> <p>_____ AED 408 <i>Diversity Issues in Contemp. Society</i> (3)</p>	<p>_____ <sup>1,3</sup>ALC 422 <i>Comm. Knowledge in Ag &amp; Life Sciences</i> (3)</p> <p>_____ <sup>1</sup>ACBS 301 <i>Financial &amp; Economic Strategy</i> (3) or ECON 200</p> <p>_____ <sup>2</sup>ACBS 302 <i>Mngmt &amp; Human Side of Orgs</i> (3) or ACCT 200</p> <p>_____ <sup>5</sup>ENVS 200 &amp; 201 <i>Intro to Soil Science &amp; Laboratory</i> (4)</p> <p>_____ ENTO (3)</p>

**Choose one of the option areas below**

<b>AG TECH MGMT (AGT) OPTION (41 units) 117</b>	<b>LEADERSHIP &amp; COMM (LCE) OPTION (41 units) 117</b>
<p>_____ <sup>2</sup>AED 437 <i>Methods of Facilitating Learning</i> (3)</p> <p>_____ <sup>1</sup>AGTM 350 <i>Applications in Ag Mechanics</i> (3)</p> <p>_____ <sup>2,7</sup>ACBS 312 <i>Animal &amp; Plant Genetics</i> (4)</p> <p>_____ <sup>1</sup>ALC 411 <i>Principles &amp; Applic. of Org. Innov.</i> (3)</p> <p>_____ <sup>6</sup>ENVS 316 <i>Soil Fertility and Plant Nutrition</i> (3)</p> <p>_____ ENVS 408 <i>Scientific Writing for EALS or ENGL 307/308</i> (3)</p> <p>_____ <sup>4</sup>SBS 200 <i>Intro to Stats for the Social Sciences</i> (4)</p> <p>_____ <sup>1</sup>PLS 240 or PLS 217 <i>Advanced Plant Science</i> (3)</p> <p>_____ AGTM 493 <i>Internship</i> (3)</p> <p><b>Focus Area (12)</b>            Choose 4 courses (12 units) in a focus area of your choosing</p> <p>_____</p> <p>_____</p>	<p>_____ <sup>2</sup>AED 437 <i>Methods of Facilitating Learning</i> (3)</p> <p>_____ ENVS 408 <i>Scientific Writing for EALS or ENGL 307/308</i> (3)</p> <p>Jour/Comm (2 courses) (6) _____ and _____</p> <p>Plant Science (2 courses) (6) _____ and _____</p> <p>Animal Science (2 courses) (6) _____ and _____</p> <p><b>Leadership &amp; Innovation Core (13)</b>            _____ ALC 196A <i>Developing an Entrepreneurial Mindset</i> (1)</p> <p>_____ ALC 309 <i>Leadership Principles and Practices</i> (3)</p> <p>_____ <sup>2</sup>ALC 409 <i>Team and Organizational Leadership</i> (3)</p> <p>_____ <sup>2</sup>ALC 410 <i>Entrepreneurial Leadership in Ag &amp; the Life Sciences</i> (3)</p> <p>_____ <sup>1</sup>ALC 411 <i>Principles &amp; Applications of Organizational Innovation</i> (3)</p> <p>_____ ALC 493 <i>Internship</i> (4)</p>

<b>TEACHING (ATMED) OPTION (44 units) 119</b>	
<p>_____ <sup>1</sup>AGTM 350 <i>Applications in Ag Mechanics</i> (3)</p> <p>_____ <sup>2</sup>AED 450 <i>Total Program Development</i> (3)</p> <p>_____ <sup>5</sup>AED 462 <i>Curriculum Development</i> (3)</p> <p>_____ LCEV 408 <i>Structured English Immersion</i> (3)</p> <p>_____ POL 210 <i>U.S. and AZ Constitution</i> (2)</p> <p>Plant Science (2 courses) (6) _____ and _____</p> <p>Animal Science (2 courses) (6) _____ and _____</p>	<p>_____ <sup>1</sup>AED 438 <i>Teaching of Secondary School Ag Science</i> (4)</p> <p>_____ <sup>1</sup>AED 498A <i>Introduction to Teaching</i> (2)</p> <p>_____ <sup>1</sup>AED 496D <i>Teaching Science &amp; Math Through Inquiry</i> (3)</p> <p>_____ <sup>2</sup>AED 405A <i>Principles of CTE</i> (3)</p> <p>_____ <sup>2</sup>AED 493A <i>Internship- Pre-student Teaching</i> (2)</p> <p>_____ <sup>2</sup>AED 493B <i>Internship- Student Teaching</i> (3)</p> <p>_____ <sup>2</sup>AED 498B <i>Senior Capstone- Student Teaching</i> (4)</p>

120 units (42 upper division) are the minimum required for degree completion with a 2.0 GPA minimum.

Please contact Breanna Watkins, AETI academic advisor, at [brej12@arizona.edu](mailto:brej12@arizona.edu) for assistance.

<sup>1</sup> Fall only      <sup>2</sup> Spring only      <sup>3</sup> Summer option      <sup>4</sup> Math 112 pre-req      <sup>5</sup> Math 112 & Chem 151 pre-req

<sup>6</sup> ENVS 200 pre-req      <sup>7</sup> Chem 151 & MCB 181 pre-req

## Semester Course Planning

Fall 20__		Spring 20__	
Fall 20__		Spring 20__	
Fall 20__		Spring 20__	
Fall 20__		Spring 20__	

**Total Units:** \_\_\_\_/120    *Need:* \_\_\_\_  
**Upper Division:** \_\_\_\_/42    *Need:* \_\_\_\_  
**Expected Graduation:** \_\_\_\_\_  
**Cum. GPA** \_\_\_\_    **Major GPA** \_\_\_\_    **Minor GPA** \_\_\_\_  
**Honors** \_\_\_\_    **Honors units needed** \_\_\_\_  
**Date updated** \_\_\_\_