TECHNOLOGY AND ENGINEERING EDUCATION MAJOR, B.S.

Coursework in the major includes general university requirements, professional education requirements and technology education requirements. An option is available for students interested in qualifying for dual certification in both agricultural education and technology education; please see your advisor for details.

Course	Title	Credits
General Requirements		
General Education (http://catalog.uwplatt.edu/undergraduate/degree-requirements/bachelor-of-science-degree-core-curriculum/)		40-53
Professional Education Requirements [1]		
TEACHING 1230	Introduction to Education	2
TEACHING 2130	Human Growth and Development	3
TEACHING 2170	Foundations of Educational Technology	3
TEACHING 3070	Meeting Content & Language Needs of English Language Learners	3
TEACHING 3320	Introduction to Inclusion	3
TEACHING 3440	Equity Education & Culturally Relevant Pedagogy in the Multicultural Classroom	3
TEACHING 3730	Instructional Design and Assessment	3
TEACHING 4210	Pre-Student Teaching at Middle/Secondary Level	2
TEACHING 4660	Student Teaching K-12	12
or TEACHING 4760	Internship in Teaching	
AGEDUC 3900	Curriculum and Facilities Planning in Career and Technical Education	3
AGEDUC 4930	Teaching Cooperative Education in Agriculture	3
AETM 4820	History & Principles of Career and Technical Education	2
Technology Education Major [2]		
AETM 1030	Introduction to Manufacturing	3
AETM 1130	Wood Technology	3
AETM 1200	AC/DC Fundamentals	3
AETM 1230	Technical Drafting	3
AETM 1530	Power Systems Technology	3
AETM 1830	Introduction to Plastics Processing	3
AETM 2020	Basic Photography	3
AETM 2430	Building Construction Materials	3
AETM 3050	Introduction to Metals Processes	3
Electives		
Select any three AETM courses		9
AETM 1010	Principles of Safety and Risk Management [3]	3
Total Credits		**121-134**

[1]   Professional education requirements (42-52 credits) – G.P.A. 2.75 or better.

[2]   GPA 2.75 or better.

[3]   Pre-Req. for all Applied Engineering and Technology Management Lab Courses listed above

OTHER REQUIREMENTS
AGRICULTURAL/TECHNOLOGY EDUCATION

Teaching (K-12 Dual Certification)

Students wishing to receive certification to teach in both agricultural education AND technology education may pursue a dual certification by taking coursework in both areas. Dual certification requires student teaching in both areas and taking/passing the Praxis II competency exam in both areas as well. The list of courses may be found under agricultural education

- Admission to School of Education (http://catalog.uwplatt.edu/undergraduate/liberal-arts-education/education/)
- Admission to student teaching (http://catalog.uwplatt.edu/undergraduate/liberal-arts-education/education/)
- Check:

a. Minimum 120 credit
b. 42 credits in 3000 or 4000 level courses
c. Cumulative grade point average of at least 2.75
d. Grade point average of at least 2.75 within the major
e. 32 credits in residence at UW-Platteville; also 23 of the last 32 credits must be in residence.