

# ENGINEERING TECHNOLOGY AND MANAGEMENT FOR AGRICULTURAL SYSTEMS MINOR

for the Undergraduate Minor in Engineering Technology and Management for Agricultural Systems

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**Admissions Prerequisites:** This minor has prerequisites of a minimum of 60 hours with a 2.5 GPA; completion of MATH 234 or equivalent; PHYS 101 or equivalent; CHEM 102 and CHEM 103 or equivalent; and PHYS 102 or CHEM 104 and CHEM 105 or equivalent.

Code	Title	Hours
ETMA 100	Technical Systems in Agr	3
Fifteen Hours, at least six of which must be at the 400 level, selected from:		15
ETMA 232	Materials and Construction Sys	
ETMA 233	Metallurgy & Welding Processes	
ETMA 234	Wiring, Motors and Control Sys	
ETMA 262	Agricultural Machine Systems Management	
ETMA 352	Land and Water Mgt Systems	
ETMA 363	Fluid Power Systems	
ETMA 371	Residential Housing Design	
ETMA 372	Environ Control & HVAC Systems	
ETMA 381	Grain Drying & Storage Systems	
ETMA 435	Elec Computer Ctrl Sys	
ETMA 464	Heavy Equipment Powertrains	
ETMA 465	Chemical Applications Systems	
ETMA 496	Independent Study	
<b>Total Hours</b>		<b>18</b>

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## Agricultural & Biological Engineering

Agricultural & Biological Engineering website (<https://abe.illinois.edu/>)  
1304 W. Pennsylvania Ave., Urbana, IL 61801  
(217) 333-3570  
Agricultural & Biological Engineering email ([abe@illinois.edu](mailto:abe@illinois.edu))

## College of Agricultural, Consumer & Environmental Sciences

College of Agricultural, Consumer & Environmental Sciences website (<https://aces.illinois.edu/>)

## ACES Office of Academic Programs

128 Mumford Hall, 1301 West Gregory Drive, Urbana, IL 61801

## Advising

(217) 333-3570  
Advising email ([tsm-etm-abe-advising@rt.aces.illinois.edu](mailto:tsm-etm-abe-advising@rt.aces.illinois.edu))  
Advising website (<https://abe.illinois.edu/academics/advising/>)

## Admissions

ACES Undergraduate Admissions (<https://aces.illinois.edu/admissions/>)  
Visit ACES email ([visitACES@illinois.edu](mailto:visitACES@illinois.edu))  
(217) 333-3380  
University of Illinois Undergrad Admissions (<https://www.admissions.illinois.edu/>)