

For the Degree of Bachelor of Science
 Agricultural and Biological Engineering and Agricultural Science Major (10KL0029BSAG)
 Effective: F08

COURSES	HOURS	COURSES	HOURS
GENERAL EDUCATION REQUIRED		AGRICULTURAL ENGINEERING REQUIRED	
Composition I and Speech RHET 105	4	ABE 100	1
		ABE 221	4
		ABE 222	4
SPCM 101 ¹ (CMN 101 effective SP09)	3	ABE 430	2
		ABE 469	4
Advanced Composition ²	3-4	CS 101	3
Cultural Studies ²		ECE 205	3
One Western culture and One non-Western/U.S. minority culture		ECE 206	1
		ENG 100	0
Foreign Language ³		GE 101	3
Quantitative Reasoning I MATH 220 or 221	4-5	MATH 225	2
		MATH 241	4
		MATH 285	3
Quantitative Reasoning II MATH 231	3	ABE 440; CEE 202; IE 300; STAT 400	3-4
		ME 300 or CHBE 321	3-4
Natural Sciences and Technology		TAM 210 or 211	2-3
CHEM 102 <i>and</i> 103	3, 1	TAM 212	3
CHEM 104 <i>and</i> 105	3, 1	TAM 251	3
		TAM 335; CHBE 421; ME 310	4
PHYS 211	4		
PHYS 212	4	AGRICULTURAL SCIENCES COURSE WORK⁵	15
PHYS 213	2		
		BIOLOGICAL SCIENCES COURSE WORK⁶	10
Humanities and the Arts ⁴	6-9		
		TECHNICAL COURSE WORK⁷	16
Social and Behavioral Sciences ⁴		OPEN ELECTIVES	
ACE 100; or ECON 102 or 103	3-4		
Additional Social and Behavioral Science general education courses	6-9		
		Total Hours	158
Minimum of 15 hours of major and concentration courses must be completed on the University of Illinois at Urbana-Champaign campus. Students must be enrolled in the College of ACES for at least two semesters.			

¹Required as part of 5-year degree in the College of ACES only.

²Work with your academic advisor. For completing GenEd requirements, consult with your academic advisor and refer to the most current GenEd approved list available at www.courses.uiuc.edu/gened.

³Course work at or above the third level is required for graduation.

⁴Fifteen hours of social sciences and humanities are required in addition to ACE 100 or ECON 102 or 103. An approved six-hour sequence in both social sciences and humanities is required to meet College of Engineering requirements.

⁵Fifteen hours of agricultural sciences course work with courses from at least two departments other than Agricultural Engineering and TSM are required; courses must be approved by your academic advisor.

⁶Ten hours of biological sciences are require from biology, entomology, microbiology, plant biology, physiology, and zoology. Select at least seven of the ten hours from ANSC 362, 467; IB 101, 103*, 104*; CHEM 232, 233; CPSC 414; GEOL 101, 250; MCB 100*,101*,103, 312, 434; NRES 201; or CPSC 112 or 270. *Students must take at least one of these courses.

⁷Each student must have 16 hours of Agricultural and Biological Engineering technical coursework. Work with your academic advisor when selecting courses. See previous page for a complete listing.