

For the Degree of Bachelor of Science
 Agricultural Engineering and Agricultural Science Major (10KL0029BSAG)
 Effective: F06

COURSES	HOURS	COURSES	HOURS
GENERAL EDUCATION REQUIRED		AGRICULTURAL ENGINEERING REQUIRED	
Composition I and Speech RHET 105 ¹	4	ABE 100	1
SPCM 101 ¹	3	ABE 221	4
Advanced Composition ²	3-4	ABE 222	4
Cultural Studies ² One Western culture and One non-Western/U.S. minority culture		ABE 430	2
Foreign Language ³		CS 101	3
Quantitative Reasoning I MATH 220 or 221	4-5	ECE 205	3
Quantitative Reasoning II MATH 231	3	ECE 206	1
Natural Sciences and Technology CHEM 102 <i>and</i> 103 CHEM 104 <i>and</i> 105 PHYS 211 PHYS 212 PHYS 213	3, 1 3, 1 4 4 2	ENG 100	0
Humanities and the Arts ⁴	9	GE 101	3
Social and Behavioral Sciences ⁴ ACE 100; or ECON 102 or 103	3-4	MATH 225	2
		MATH 241	4
		MATH 385	3
		MATH 463; ABE 440; CEE 202; IE 300; STAT 400	3-4
		ME 300 or CHBE 321	3-4
		TAM 210 or 211	2-3
		TAM 212	3
		TAM 251	3
		TAM 335; CHBE 421; ME 310	4
		AGRICULTURAL SCIENCES COURSE WORK ⁵	15
		BIOLOGICAL SCIENCES COURSE WORK ⁶	10
		TECHNICAL COURSE WORK ⁷	20
		OPEN ELECTIVES	
		Total Hours	158
Minimum of 15 hours of major and concentration courses must be completed on the UIUC campus. Students must be enrolled in the College of ACES/UIUC for at least two semesters.			

¹See Handbook page 14 for equivalent courses.

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 required (biology, microbiology, plant biology, physiology, and zoology). Select at least seven hours from ANSC 362, 467; IB 100*, 101*, 103*, 104*; CHEM 232, 233; CPSC 414; GEOL 101, 250; MCB 100*, 101*, 312, 434; NRES 201; MCB 103 and 104; or CPSC 112 or 270. (cannot take both IB 103 and CPSC 112 for credit in this requirement) (*student must take at least one of these courses). Remaining hours are to be selected from the GenEd Biological Sciences list.

⁷Each student must have 20 hours of Agricultural Engineering technical coursework. Work with your academic advisor when selecting courses. See page 57 for a complete listing.