

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
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	3, 1	ENG 100	0
CHEM 104 <i>and</i> 105	3, 1	GE 101	3
PHYS 211	4	MATH 225	2
PHYS 212	4	MATH 241	4
PHYS 213	2	MATH 285	3
Humanities and the Arts ⁴	6-9	MATH 463; ABE 440; CEE 202; IE 300; STAT 400	3-4
Social and Behavioral Sciences ⁴ ACE 100; or ECON 102 or 103 Additional Social and Behavioral Science general education courses	3-4 6-9	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 WORK⁵	15
		BIOLOGICAL & NATURAL SCIENCES COURSE WORK⁶	7
		TECHNICAL COURSE WORK⁷	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.			

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.

⁶Seven hours of biological and natural sciences are required. Select at least 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. *Credit is given only for IB 101 or 103 or 104. Other courses with a strong biological or biotech content may be approved by advisor.

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