

# PLANT SCIENCE (AAS)

## Ratcliffe Hicks General Education Requirements

General Education Requirements for Ratcliffe Hicks students differ from University General Education Requirements for baccalaureate students.

Course	Title	Credits
<b>First-Year Seminar</b>		
SAAG 250	First Year Student Seminar	1
<b>Writing</b>		
Select one of the following:		4
ENGL 1004	Introduction to Academic Writing	
ENGL 1007	Seminar and Studio in Writing and Multimodal Composition	
ENGL 1010	Seminar in Academic Writing	
ENGL 1011	Seminar in Writing through Literature	
<b>Mathematics</b>		
MATH 1011Q	Introductory College Algebra and Mathematical Modeling (or higher - based on SAT scores)	3
<b>Civic and Community Engagement</b>		
Select one of the following:		3
ARE 1110E	Population, Food, and the Environment	
HIST 1501	United States History to 1877	
HIST 1502	U.S. History Since 1877	
NRE 1235E	Environmental Conservation	
PP 1001	Introduction to Public Policy	
POLS 1602	Introduction to American Politics	
URBN 1300	Exploring Your Community	
<b>Arts and Humanities</b>		
In addition to the Civic and Community Engagement course, select one course from the following:		3
SAAG 350	Hispanic Culture and Communication in Agriculture	
ART 1000	Art Appreciation	
DRAM 1101	Introduction to the Theatre	
DRAM 1110	Introduction to Film	
FREN 1101	Elementary French I	
FREN 1102	Elementary French II	
FREN 1169	Modernity in Crisis: France and the Francophone World From 1850 to Today	
FREN 1171	French Cinema	
FREN 1177	Magicians, Witches, Wizards: Parallel Beliefs and Popular Culture in France	
GEOG/URBN 1200	Global Urbanization	
GERM 1169	Contemporary Germany in Europe	
GERM 1171	The German Film	
HIST 1201	Modern World History	
HIST 1501	United States History to 1877	
HIST 1502	U.S. History Since 1877	
ILCS 1158	Italian American Experience in Literature and Film	

MUSI 1001	Music Appreciation	
MUSI 1002		
MUSI 1003	Popular Music and Diversity in American Society	
MUSI 1004	Non-Western Music	
NRE 1235E	Environmental Conservation	
PHIL 1101	Problems of Philosophy	
PHIL 1102	Philosophy and Logic	
PHIL 1104	Philosophy and Social Ethics	
POLS 1002	Introduction to Political Theory	
SPAN 1001	Elementary Spanish I	
SPAN 1002	Elementary Spanish II	
WGSS 2204	Feminisms and the Arts	
Other 1000-level course (approved by the Ratcliffe Hicks director)		
<b>Social Science:</b>		
In addition to the Civic and Community Engagement course, select one course from the following:		3
ANTH 1000	Peoples and Cultures of the World	
ANTH 1006	Introduction to Anthropology	
ARE 1110E	Population, Food, and the Environment	
COMM 1000	The Process of Communication	
ECON 1000	Essentials of Economics	
or ECON 1201	Principles of Microeconomics	
or ECON 1202	Principles of Macroeconomics	
EVST 1000E	Introduction to Environmental Studies	
GEOG 1000	Introduction to Geography	
GEOG 1700	World Regional Geography	
HDFS 1060	Close Relationships Across the Lifespan	
HDFS 1070	Individual and Family Development	
POLS 1202	Introduction to Comparative Politics	
POLS 1207	Introduction to Nonwestern Politics	
POLS 1402	Introduction to International Relations	
POLS 1602	Introduction to American Politics	
PP 1001	Introduction to Public Policy	
PUBH 1001	Introduction to Public Health	
SARE 450	Principles of Applied and Resource Economics	
SLHS 1150	Introduction to Communication Disorders	
SOCI 1001	Introduction to Sociology	
or SOCI 1251	Social Problems	
or SOCI 1501	Race, Class, and Gender	
WGSS 1105	Gender and Sexuality in Everyday Life	
Other 1000-level course (approved by the Ratcliffe Hicks director)		

**Total Credits** 17

<sup>1</sup> **Other Alternatives:** Students may substitute COMM 1100 Principles of Public Speaking; NUSC 1167 Food, Culture and Society; SPSS 1125 Insects, Food and Culture for the Social Sciences requirement.

Science and computer technology requirements for the A.A.S. degree are incorporated into courses required for the major.

## Major Requirements

### Plant Science Core

All majors must pass:

Course	Title	Credits
SAPL 120	Introduction to Plant Science	4
SAPL 300	Introduction to Soil Science	3
SAPL 840	Integrated Pest Management	3

Plant Science majors may select options in Ornamental Horticulture, Turfgrass Management, or Sustainable Crop Production.

### Options

#### Ornamental Horticulture

Course	Title	Credits
SAPL 410	Woody Plants: Common Trees, Shrubs and Vines	3
SAPL 550	Urban Plant Systems: Construction and Maintenance	3
SAPL 640	Plant Propagation	3
SAPL 810	Plant Pest Control	3

#### Turfgrass Management

Course	Title	Credits
SAPL 110	Turfgrass Management	3
SAPL 115	Turfgrass Management Laboratory	1
SAPL 315	Advanced Turfgrass Management	3
SARE 460	Fundamentals of Accounting and Management for the Agribusiness Firm	3
SAPL 991	Internship	3

#### Sustainable Crop Production

Course	Title	Credits
SAPL 101	Environmental Sustainability of Food Production in Developed Countries	3
SAPL 500	Principles and Concepts of Agroecology	3
SAPL 620	Vegetable Production	4
SAPL 810	Plant Pest Control	3
SAPL 991	Internship	1-6

## Internship and Independent Study Courses

Students may apply no more than six credits of these courses toward the minimum graduation requirement of 60 earned credits.

### Plan of Study

Students should work closely with their advisors to select appropriate courses. Each student should prepare a tentative plan of study with an academic advisor as early as possible, outlining all courses.

A final plan of study, approved by the major advisor and the Ratcliffe Hicks School of Agriculture Director, must be filed with the Director of the School and the Degree Auditor no later than the end of the semester prior to the semester of expected graduation.