



**Curriculum Sheet
Bachelor of Science Degree
Agronomy Major**

CALS Graduation Eligibility Requirements

Advisor/Advisee Notes:

- Minimum of 120 degree credits**
- Minimum 2.0 Cumulative GPA**
- Last 30 Credits in Residence**

UW Requirements

Courses may not double count within university requirements, but courses counted toward university requirements may also be used to satisfy a college requirement &/or a major requirement.

- Communication Part A (2-3 cr.)** Designated "a" in the Course Guide.
- Communication Part B (2-3 cr.)** Designated "b" in the Course Guide.
- Quantitative Reasoning Part A (3 cr.)** Designated "q" in the Course Guide.
- Quantitative Reasoning Part B (3 cr.)** Designated "r" in the Course Guide.
- Ethnic Studies (3 cr.)** Designated "e" in the Course Guide.
- Humanities/Literature/Arts (6 cr.)** Designated H, L, X, or Z in the Course Guide.
- Social Sciences (3 cr.)** Designated S, W, Y, or Z in the Course Guide.

CALS Requirements

Courses may not double count within college requirements, but courses counted toward college requirements may also be used to satisfy a university requirement &/or a major requirement.

- First-Year Seminar (1 cr.)** See DARS or <http://www.newstudent.wisc.edu/practices/CALS.php> for full list.
Students who transfer into CALS after freshman year and continuing students who move to the B.S. degree should consult with Undergrad Programs & Services (116 Ag Hall) regarding completion of this requirement.
- International Studies (3 cr.)** List of eligible International Studies courses can be found at: <http://www.cals.wisc.edu/students/undergraduate-programs/curriculum-information/cals-international-studies-courses/>
Must complete 3 credits of International Studies coursework.
- Physical Science Fundamentals (3 cr.)** Must complete one General Chemistry course from the following list: CHEM 103, 108, 109. Consult major requirements prior to selecting.
- Biological Science (5 cr.)** Designated B or Y in the Course Guide.
- Additional Science (3 cr.)** Designated B, P, N, W, X, or Y in the Course Guide.
- Science Breadth (3 cr.)** Designated B, P, N, S, W, X, or Y in the Course Guide.

Possible Overlaps Between UW, CALS, & Major Requirements

Communication Part B
Quantitative Reasoning Part A
Quantitative Reasoning Part B
Ethnic Studies
Humanities/Literature/Arts
Social Sciences
Physical Science Fundamentals
Biological Science
Additional Science
Science Breadth

Agronomy Major Requirements

Courses may not double count within the major (unless specifically noted otherwise), but courses counted toward the major requirements may also be used to satisfy a university requirement &/or a college requirement. A minimum of 15 credits must be completed in the major that are not used elsewhere.

Mathematics and Statistics (6 cr.)

_____ MATH 112 (q) or 114 (q) or 171 (q) or may be satisfied by placement exam (q)
_____ 3 credits required from: STAT 201 (r), 224 (r), 301 (r), 371 (r), 541 (r), 571 (r), COMP SCI 302 (r)

Chemistry (4-5 cr.)

_____ CHEM 103 (P) or 109 (r, P)

Biology (10 cr.)

_____ One of the following sets:
BOTANY 130 (B) and ZOOLOGY 101 (B) and 102 (B)
BIOLOGY/BOTANY/ZOOLOGY 151 (B) and 152 (b, B)
BIOCORE 301 (B) and 302 (b, B) and 303 (B) and 304 (b, B)

Economics (3-4 cr.)

_____ A A E 215 (S) or ECON 101 (r, S) or 111 (r, S)

Foundation (8 cr.)

_____ 8 credits required from any of the following courses:

Ag Social Science

_____ A A E 319 (S), 320, 321 (S), 322 (S), 323 (S), 336, 421 (S), 426, 427, 474 (S), 577 (S),
C&E SOC 140 (S), 222 (S), 230 (H, S), 578 (e, S), 650 (S), L SC COM 320, 479

Animal Science

_____ AN SCI 101 (B), 200 (B), 250 (B), 311 (B), 430, 431, 432, COMP BIO 404, DY SCI 205,
305 (B), 361, 363, 370, 433, ENTOM 302 (B), 351 (B)

Atmospheric Science

_____ ATM OCN 100 (P), 171 (P), 472 (P)

Biological Systems Engineering

_____ BSE 201, 202, 210 (P), 216 (P), 218, 240 (P), 243 (P), 245

(list continues on next page)

Food Science

_____FOOD SCI 120 (B), 235 (B), 236 (B), 440 (B), A A E 340 (S), NUTR SCI 510 (B)

Management

_____ACCT I S 211, 301, 302, A A E 320, 322 (S), 323 (S), 336, 337, 419, 420, 421 (S), 424, 426, 427, 474 (S), 577 (S), GEN BUS 301, 302, FINANCE 300 (S), INTL BUS 200 (S), MARKETING 305, 310, 420 (S), 460, 635, 640, M H R 420, 422, 612, OTM 330 (S), RMI 300, TRAN P U 325 (S), 630 (S)

Nutritional Science

_____NUTR SCI 132 (B), 311 (B), 332 (B), 350 (B), 540 (B)

Soil Science

_____SOIL SCI 315, 324 (P), 325 (P)

Bacteriology, Biochemistry, Genetics

_____MICROBIO 101 (B), 102 (B), 303 (B), 304 (B), 324 (B), 325 (B), BIOCHEM 501 (P), GENETICS 160 (B), 466 (B)

Ecological Sciences

_____F&W ECOL 100 (B), 455 (B), 460 (r, B), 461, 527 (B), 550 (B)

Core (18-19 cr.)

_____AGRONOMY 100 (B)

_____SOIL SCI 301 (P)

_____GENETICS 160 (B) or 466 (B) or AGRONOMY 338 (B)

_____PL PATH 300 (B) or ENTOM 302 (B) or 351 (B)

_____BOTANY/F&W ECOL/ZOOLOGY 460 (r, B)

Electives Within Major (14 cr.)

14 additional credits of Agronomy required. No more than three credits total in 299, 399, 699.

Credits used to satisfy the Capstone experience may not count here.

Capstone (2 cr.)

_____AGRONOMY 500

***AGRONOMY 500 requires AGRONOMY 399 or 699 as a prerequisite.

Recommended Agronomy Electives

AGRONOMY 338 (B), BOTANY 300 (B), 350, ENTOM 302 (B), 351 (B), PL PATH 300 (B)

Agronomy Major Bachelor of Science Degree

SAMPLE Four-Year Plan

Last Updated: June 2011

This Sample Four-Year Plan is a tool to assist you and your advisor in planning your academic career. **Agronomy advisors can be reached by calling (608) 262-1390.**
Use it along with the Curriculum Sheet for your program, your DARS report, and the Course Guide.

	Fall Semester Sample Courses	Credits	Fall Semester Actual Courses	Credits	Spring Semester Sample Courses	Credits	Spring Semester Actual Courses	Credits
Year 1	AGRONOMY 100 CHEM 103 or 109 MATH 112, 114, or 171 ¹ COMM-A FIRST-YEAR SEMINAR	4 4-5 3-5 3 1 15-18			BOTANY 130 CHEM 104 (or ELECTIVE) ELECTIVE ECON 101, 111, or AAE 215	5 5 (3) 3 3-4 15-17		
Year 2	FOUNDATION COURSE ² ZOOLOGY 101 & 102 STATISTICS ETHNIC STUDIES	3 5 3 3 14			FOUNDATION COURSES SOCIAL SCIENCE AGRONOMY COURSE ³ COMM-B	5 3 3 3 14		
Summer – Internship or Agronomy Independent Study (1-3 credits)								
Year 3	AGRONOMY COURSES GENETICS 160 or 466 SOIL SCIENCE 301 ELECTIVE	6 3 4 3 16			ENTOMOLOGY 302 or 351 AGRONOMY COURSE INTERNATIONAL STUDIES HUMANITIES ELECTIVE ELECTIVE	3-4 3 3 3 3 15-16		
Summer – Internship or Agronomy Independent Study (1-3 credits)								
Year 4	AGRONOMY COURSE ZOOLOGY 460 PLANT PATHOLOGY 300 HUMANITIES ELECTIVE	3-4 3 4 3 3 16-17			AGRONOMY COURSES CAPSTONE ELECTIVES	6-7 2 6-9 14-18		

Notes:

¹ Determined by placement exam. Consult SOAR advisor.

² Eight (8) credits of Foundation courses required. See Curriculum Sheet for details.

³ Fourteen (14) credits of Agronomy electives required. See Curriculum Sheet for details.