



**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 Academic Affairs (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/academics/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) and MATH 113, or 114 (q) or a calculus course, 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) and CHEM 104 (P), or CHEM 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 381 (B) and 382 (b, B) and 383 (B) and 384 (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)

____ ENTOM 302 (B) or 351 (B)

____ AGRONOMY/BOTANY/SOIL SCI 370, or BOTANY/F&W ECOL 455 (B), or BOTANY/F&W ECOL/ZOOLOGY 460 (r, B), or ENTOM 342, or ENVIR ST/LAND ARC 361 (B)

*Courses cannot be used to fulfill both Core and Foundation requirements

**If AGRONOMY 338 and/or AGRONOMY/BOTANY/SOIL SCI 370 are taken to meet Core requirements, these courses cannot be used toward fulfilling the Major requirement for 14 additional credits in Agronomy.

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 or consent of instructor as a prerequisite.

Recommended Agronomy Electives

BOTANY 300 (B), 500 (r, B)