**PLANT BIOTECHNOLOGY**  
Academic Advisor: Scott Bartlett, sbartlet@illinois.edu  
AE-116 Turner Hall, MC-046, Phone: 217-244-7930  
Schedule Advising Appointment: https://my.aces.illinois.edu/advising/

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### GEN ED REQUIREMENTS

**Composition I and Speech Communication (6-7 hrs):**  
RHET 105 & CMN 101 (7 hrs)  
or CMN 111 & CMN 112 (6 hrs)

**Advanced Composition (3-4 hrs):**

**Cultures (9 hrs):**  
Western:  
Non-Western:  
U.S. Minority:  
*Students entering UIUC prior to Summer 2018 take 6 hours: 1 Western course and 1 Non-Western OR U.S. Minority course.

**Foreign Language (Third Level or Above):**

**Quantitative Reasoning I (4-5 hrs):**  
MATH 220 (5 hrs)  
or MATH 221 (4 hrs)  
or MATH 234 (4 hrs)

**Quantitative Reasoning II (3 hrs):**  
CPSC 241 (3 hrs)

**Natural Sciences and Technology (8 hrs):**  
CHEM 102 & CHEM 103 (4 hrs)  
CHEM 104 & CHEM 105 (4 hrs)

**Humanities and the Arts (6 hrs):**

**Social and Behavioral Sciences (7-8 hrs):**  
ACE 100 (4 hrs)

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### ACES REQUIREMENT (0-2 hrs):

ACE 101 (2 hrs -- First Time Freshmen, Fall Only)  
ACE 200 (0 hrs -- First Time Transfers, Fall Only)

### MAJOR REQUIREMENTS

#### Non-Departmental Core Requirements (11 hrs):

IB 103 (4 hrs)  
IB 150 (4 hrs)  
MCB 450 (3 hrs) (prereq: CHEM 232 or CHEM 236)

#### Crop Sciences Core Requirements (13-14 hrs):

CPSC 102 (2 hrs -- First Time Freshmen & First Time Transfers)  
CPSC 112 (4 hrs)  
CPSC 382 (4 hrs) (prereq: CHEM 102/104 or CHEM 202/204)  
CPSC/HORT 393 (2-3 hrs)  
or CPSC/HORT/PLPA 395 (2-3 hrs)  
CPSC 498 (1 hr) (prereq: Junior Standing)

#### Biotechnology Requirements (13-14 hrs):

CPSC 261 (3 hrs) (prereq: any 100-level course in Biosciences)  
CPSC 265 (3 hrs) (prereq: a general Biology course)  
CPSC 352 (4 hrs) (prereq: IB 103 or IB 104)  
CPSC 452 (3 hrs) (prereq: CPSC 352 or IB 204)  
or CPSC 453 (4 hrs) (prereq: IB 103 and CPSC 352)

#### Plant Protection & Data Analysis Requirements (6-7 hrs):

Choose two of the following:  
CPSC 226 (3 hrs) (prereq: CPSC 112 or HORT 100 or IB 103)  
CPSC 266 (4 hrs)  
CPSC 270 (3 hrs)  
PLPA 204 (3 hrs)

#### Major Electives (8 hrs):

Choose from any 300- or 400-level CPSC, HORT, or PLPA courses, excluding: CPSC/HORT 393 & CPSC/HORT/PLPA 395:

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UIUC requires 60 hours in residence, 21 hours of which must be at the 300 or 400-level.

GPA Requirement: 2.0

126 total hours are required for graduation, 40 hours of which must be at the 300 or 400-level.

**NOTES:**