CROP SCIENCES - PLANT BIOTECHNOLOGY & MOLECULAR BIOLOGY CONCENTRATION

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Schedule Advising Appointment: https://my.aces.illinois.edu/advising/

ACES 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: _______________________________

Foreign Language (Third Level or Above):

Quantitative Reasoning I (4-5 hrs):
MATH 220 (5 hrs), MATH 221 (4 hrs),
or MATH 234 (4 hrs) (prereq: ALEKS Score)

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

Natural Sciences and Technology:
*See specific concentration requirements

Humanities and the Arts (6 hrs):

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

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

ACES REQUIREMENT:

**Fall Only

ACES 101 (2 hrs -- required for Freshmen)
ACES 200 (0 hrs -- required for Transfers)

PLANT BIOTECHNOLOGY AND MOLECULAR BIOLOGY REQUIREMENTS

Natural Sciences and Technology:
CHEM 102 & CHEM 103 (4 hrs) (prereq: 1 year of CHEM in HS)
CHEM 104 & CHEM 105 (4 hrs) (prereq: CHEM 102/103)
IB 150 (4 hrs)

Concentration Requirements:
CHEM 232 (3-4 hrs) (prereq: CHEM 104/105 and CHEM 204)
CHEM 233 (2 hrs) (prereq: credit or concurrent registration in CHEM 232)
CPSC 112 (4 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 484 (3 hrs) (prereq: IB 103 or IB 150 and MCB 150; CHEM 232)
or HORT 421 (4 hrs) (prereq: HORT 100 or IB 103 and Junior Standing)
CPSC 498 (1 hr) (prereq: Junior Standing)
MCB 450 (3 hrs) (prereq: CHEM 232 or CHEM 236)

Select 2 courses from the following (6 hrs):
CPSC 226 (3 hrs) (prereq: CPSC 112 or HORT 100 or IB 103)
CPSC 270 (3 hrs)
PLPA 204 (3 hrs)

Select 2 courses from the following (6-8 hrs):
CPSC 418 (3 hrs) (prereq: IB 103 or CPSC 112)
CPSC 452 (3 hrs) (prereq: CPSC 352 or IB 204)
CPSC 453 (4 hrs) (prereq: IB 103 and CPSC 352)
CPSC 466 (2 hrs) (prereq: CPSC 352)
HORT 421 (4 hrs) (prereq: HORT 100 or IB 103 and Junior Standing)
or CPSC 484 (3 hrs) (prereq: IB 103 or IB 150 and MCB 150; CHEM 232)

HORT 442 (4 hrs) (prereq: NRES 201 and IB 420)
HORT 466 (4 hrs) (prereq: CHEM 104; HORT 421 or IB 420)

Select 1 course from the following (3-4 hrs):
ANSC 100 (4 hrs)
HORT 100 (3 hrs)
FSHN 101 (3 hrs)
NRES 102 (3 hrs)
TSM 100 (3 hrs)

Select 3 courses/groups from the following
(10-15 hrs):
IB 103 (4 hrs)
or IB 104 (4 hrs)
or MCB 100 & MCB 101 (5 hrs)
or MCB 150 & MCB 151 (5 hrs)

All ACES prescribed and elective courses must total 35 hours, 20 hours of which must be completed in residence.

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.

NOTES: