CROP SCIENCES-PLANT BIOTECHNOLOGY & MOLECULAR BIOLOGY CONCENTRATION

Name: ____________________________________________________

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Net ID: ___________________________________________________

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):*

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*Social and Behavioral Sciences (6-8 hrs):*

- ACE 100 (4 hrs) or ECON 102 (3 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)
  - or CPSC 382 (4 hrs) (prereq: CHEM 102/104 or CHEM 202/204)
- 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)*
  - Replaced with CPSC 212 effective Spring 2021.
- *CPSC 270 (3 hrs)*
  - *Optional – some material covered in CPSC 212 (effective SP '21).*
- *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)

*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:**