University Common Requirements (UCORE):

- First Year Experience (8 credits) [ROOT]
  - HISTORY 105/305: Roots of Contemporary Issues 3
  - F, S, SS

- Foundational Competencies (9 credits minimum)
  - Written Communication (3) [WRTG]
    - ENGLISH 101: Introductory Writing (or based on placement) 3
    - F, S, SS
  - Communication (3) [COMM] (WRTG)
    - H_D 205: Dev. Effective Com. or COM 102: Com. in Inf. Soc. 3-4
    - F, S, SS
  - Quantitative Reasoning (3) [QUAN]
    - STAT 212: Intro to Stat Mthds or MATH 140: Calc for Life Sci. 3-4
    - MATH 140: F, S
    - OTHER: F, S, SS

- Ways of Knowing (16 credits minimum)
  - Inquiry in the Social Sciences (3) [SSCI]
    - ECONS 101: Fund. of Micro or ECONS 102: Fund. of Macro 3
    - F, S, SS
  - Inquiry in the Humanities (3) [HUM]
    - Elective 3
    - F, S, SS
  - Inquiry in the Creative and Professional Arts (3) [ARTS]
    - Elective 3
    - F, S, SS
  - Inquiry in the Natural Sciences (7 minimum) [BSC] [PSCI] [SCI]
    - BIOLOGY 107: Intro to Cell Bio & Genetics 4
    - F, S, SS
    - CHEM 101: Intro to Chem or CHEM 105: Prin. of Chem 4
    - F, S, SS

- Integrated and Applied Learning (6 credits minimum)
  - Diversity (3) [DIVR]
    - Elective 3
    - F, S, SS
  - Integrative Capstone (3) [CAPS]
    - HORT 425: M Trends in Horticulture 3
    - S

Integrated Plant Sciences Core Requirements:

- Course
  - BIOLOGY 106: Intro to Organismal or BIOLOGY 120: Intro to Botany 4
    - BIO 106: F, S, SS
    - BIO 120: F
  - CHEM 102: Chem Related to Life Sciences or CHEM 106: Prin. Of Chem II 4
    - CHEM 102: F, S, SS
    - CHEM 106: F, S, SS
  - HORT/CROP SCI 102: Cultivated Plants 3
    - F, S, SS
  - HORT/CROP SCI 201: Crop Growth and Development 4
    - S
  - SOIL SCI 201: Soil: A Living System 3
    - F, S
  - ENTOH 343: M General Entomology 3
    - F
  - ENTOH 351: Ecological & Integrated Pest Management 3
    - S
  - PL_P 300: Diseases of Fruit Crops or PL_P 429: General Plant Pathology 2-3
    - PL_P 300: F even
    - PL_P 429: F
  - HORT 416: Adv: Hort Crop Physiology or CROP SCI 411: M Crop Environmental Interactions or 3
    - HORT 416: S
    - CROP SCI 411: F
  - BIOLOGY 420: Intro to Plant Physiology 3
    - F
  - Advanced Fruit or Vegetal Elective (see list below) 3
  - Environmental Horticulture Elective (see list below) 3
  - Sustainability Elective (see list below) 2-3

- Open Electives:
  - Course*
    - Credits
    - Term
    - Grade
    - Offered

- Notes:
  - *Electives are chosen by the student and are needed to reach the minimum 120 credits to graduate. Electives can be used towards a minor. Contact an advisor or the department for more information on courses for your minor interest.
  - **PLSC 451 offered at U of I in the fall of even years is the equivalent to HORT 320.
  - U of I to WSU Co-op courses:
    - PLSC 340 – Nursery Management
    - PLSC 341 – Nursery Management Lab
    - PLSC 451 – Vegetable Crops
    - PLSC 490 – Potato Science
  - Newer Sustainability electives than can also be used:
    - ECONS 326 Aspects of Sustainable Dev

- Last Updated 9/20/2021
## FOUR-YEAR PLAN

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>Hours</th>
<th>Spring Semester</th>
<th>Hours</th>
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<tr>
<td></td>
<td><strong>CHEM 101 or 105 [PSCI]</strong></td>
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<td><strong>CHEM 102 or 106</strong></td>
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<td><strong>HORT/CROP_SCI 102</strong></td>
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<td><strong>HORT/CROP_SCI 202</strong></td>
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<td><strong>ENGLISH 101 [WRTG]</strong></td>
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<td><strong>HISTORY 105 [ROOT]</strong></td>
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<td><strong>STAT 212, MATH 140, 171, or 202 [QUAN]</strong></td>
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<td><strong>HORT/CROP_SCI 202</strong></td>
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<td><strong>BIOLOGY 107 [BSCI]</strong></td>
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<td><strong>HISTORY 105 [ROOT]</strong></td>
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<td><strong>ECONS 101 or 102 [SSCI]</strong></td>
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<td><strong>Humanities [HUM]</strong></td>
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<td><strong>Sustainability Elective</strong></td>
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<td><strong>Creative and Professional Arts [ARTS]</strong></td>
<td>3</td>
<td><strong>Elective</strong></td>
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<td><strong>Diversity [DIVR]</strong></td>
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<td><strong>Complete Writing Portfolio</strong></td>
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<td><strong>BIOLOGY 330, BIOLOGY 372, SOE 110, SOE 285, SOIL_SCI 101, SOIL_SCI 302, SOIL_SCI 480, and/or consult with your advisor.</strong></td>
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<td><strong>Pest Management Elective</strong></td>
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<td><strong>Environmental Hort Elective</strong></td>
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<td><strong>Elective</strong></td>
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<td><strong>Advanced Fruit or Veg. Elective</strong></td>
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<td><strong>Take number of elective credits to total 120 credits</strong></td>
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<td><strong>Topic-specific electives can be moved to different semesters to fit the courses chosen. For example, Environmental Hort elective is shown in spring, third year, but could be moved to a fall semester if HORT 330 (a fall only course) is chosen.</strong></td>
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<td><strong>Sustainability Electives (2-3 credits): BIOLOGY 330, BIOLOGY 372, SOE 110, SOE 285, SOIL_SCI 101, SOIL_SCI 302, SOIL_SCI 480, and/or consult with your advisor.</strong></td>
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<td><strong>Environmental Horticulture Electives (3 credits): HORT 330, HORT 331, HORT 332, HORT 357, PLSC 340 (U of I), and/or consult with your advisor.</strong></td>
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<td><strong>Pest Management Electives (2-3 credits): CROP_SCI 305, IPM 452, PL_P 300, PL_P 429, and/or consult with your advisor.</strong></td>
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<td><strong>CROP_SCI 411 can be taken in the fall as an alternative to HORT 416.</strong></td>
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<td><strong>Advanced Fruit or Vegetable Electives (3 credits): HORT 413, HORT 421, HORT 480, PLSC 490, and/or consult with your advisor.</strong></td>
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