PLANT BIOLOGY MAJOR (B.A.) – COLLEGE OF ARTS AND SCIENCES

CURRICULUM CHECKLIST – 2015-16
(See current catalogue for complete description)

University Requirements
Successful completion of a minimum of 120 credit hours with a minimum GPA of 2.00.

Two approved diversity courses, at least one of which is in Diversity Category 1 (Race & Racism in the U.S.).
1. (D1) _______________________
2. ________________________

One approved writing and information literacy course
(beginning with entering first-year class in fall 2014)
1. _________________________

One approved sustainability course, curriculum, or co-curricular module
(beginning with entering first-year class in fall 2015)
1. _________________________

College Requirements

General Requirements: Must be completed by all students pursuing a Bachelor of Arts degree. One course CANNOT be used to satisfy both 1 and 2. However, courses used to fulfill General Requirements can be applied towards Distribution Requirements and can fulfill the University Diversity requirements.

1. Non-European Cultures:
   One course from the list below:
   ANTH 21, 23, 24, 28, 64, 130, 152, 155, 160, 161, 162, 163, 165, 166, 167, 172, 179, 180, 184
   ARTH 8, 146, 185, 187, 188, 192, 285
   CLAS 145
   ENGS 61, 179, 182
   FREN 289
   GEOG 50, 150, 151, 154, 156, 173
   HST 9, 10, 35, 36, 40, 41, 45, 46, 50, 51, 62, 63, 140, 141, 142, 146, 149, 150, 151, 152, 240, 250, 252
   MU 7, 107
   PHIL 3, 121, 122, 221
   POLS 157, 168, 170, 174, 175, 176, 177, 179, 266
   REL 20, 21, 130, 131, 132, 134, 141, 145, 230
   SOC 171, 213, 272
   WLIT 145

   Course: ____________________________

2. Race Relations & Ethnic Diversity in the U.S.:
   One course from the list below:
   ALANA All courses
   ANTH 64, 160, 169, 187
   ARTS 295 (Working with Culturally Diverse Sources OR Cultural Transformations)
   CMSI 160
   EC 153
   ENGS 57, 111, 159, 160, 176, 177
   GEOG 60
   HST 68, 168, 169, 187, 188, 189
   MU 5, 105
   POLS 29, 129
   PSYC 269
   REL 24, 80, 128, 151
   SOC 19, 31, 118, 119, 219
Distribution Requirements: Completion of all seven distribution categories is required.

1. Foreign Language:  
   Two courses in the same foreign language* at the appropriate level, as determined by the offering department.  
   * The following courses are **NOT** approved for this category: CHIN 020, CHIN 095, CHIN 096; FREN 095, FREN 096; ITAL 095, ITAL 096; JAPN 010, JAPN 095, JAPN 096, JAPN 121, JAPN 122, JAPN 221, JAPN 222; SPAN 010, SPAN 095, SPAN 096.

   Course: __________________________ Course: __________________________

2. Mathematical Sciences:  
   One mathematics course numbered 17 or above or Statistics 51 or above or Computer Science 11 or above, or Philosophy 13.

   Satisfied by Plant Biology Major Requirements

3. Fine Arts:  
   One course from one of the following departments:
   Art History, Dance, Film and Television Studies, Studio Art, Music, Theatre

   Course: __________________________

4. Literature:  
   One course from one department listed below  
   **ENGS** All courses EXCEPT: 1, 4, 5 (Writing courses only), 50, 53, 101, 102, 103, 104, 105, 107, 114, 117, 118, 119, 120  
   **CLAS** 37, 42, 153, 155, 156  
   **FREN** All courses numbered 111 or above EXCEPT: courses numbered 200-219 or 290-294  
   **GERM** All courses numbered above 100 EXCEPT: 103, 104, 121, 122, 201, 202, 213  
   **GREEK** All courses numbered above 200  
   **ITAL** All courses numbered above 100  
   **LATIN** All courses above 100 EXCEPT: 111, 112, 255  
   **RUSS** All courses numbered above 100 EXCEPT: 101, 121, 122, 141, 142, 161, 221, 222, 251, 271  
   **SPAN** All courses numbered 140 or above EXCEPT: courses numbered 200-219 or 290-294 or 299.  
   **WLIT** All courses

   Course: __________________________

5. Humanities:  
   Two courses from departments listed below:  
   **All Art History, History, Philosophy, and Religion courses**  
   **ALANA** 55, 159  
   **CLAS** 21, 22, 23, 24, 35, 121, 122, 149, 154, 157, 158, 221, 222  
   **GREEK** 203, 205  
   **HS** 139, 180, 190, 191, 226, 227  
   **LATIN** 255  
   **POLS** 41, 141, 142, 143, 144, 146, 147 241, 242, 243, 244, 249

   Course: __________________________ Course: __________________________

6. Social Sciences:  
   Two courses from departments listed below:  
   **All Anthropology, Economics, Psychology, and Sociology courses**  
   **AIS** 91A, 91B  
   **POLS** All courses EXCEPT: 41, 141, 142, 143, 144, 146, 147, 241, 242, 243, 244, 249  
   **CMSI** 20, 80, 90, 94, 162
GEOG  All courses EXCEPT: 40, 140, 143
WGST  73
VS  52

Course: ___________________________ Course: ___________________________

7. Natural Sciences:
   Two courses, one of which must include laboratory experience, chosen from Geography 040, 140, 143, MMG 065, and all offerings in Astronomy, Biology (including BCOR), Plant Biology, Chemistry, Geology, and Physics.

Satisfied by Plant Biology Major Requirements

Plant Biology Major Requirements
Core Courses:
Exploring Biology, BCOR 011, BCOR 012
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Genetics, BCOR 101
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Plant Physiology, PBIO 104
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Inorganic Chemistry, CHEM 031, CHEM 032
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Organic Chemistry, CHEM 141, CHEM 142
-----------------------------------------------
Calculus, MATH 019, MATH 020 or MATH 021, MATH 022
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Physics, PHYS 011 and 021 or PHYS 051
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Statistics, STAT 141, STAT 211, or NR 140
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Students must also complete the requirements for one of the following concentrations:

General Plant Biology Concentration:
Ecology and Evolution, BCOR 102 or Molecular and Cell Biology, BCOR 103
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Morphology & Evolution of Vascular Plants, PBIO 108 or Plant Systematics, PBIO 109
plus at least 18 credits of advanced (≥100) courses relevant to plant biology (at least 6 credits must be PBIO courses and at least 6 credits must be 200-level courses) selected in consultation with your advisor.

Ecology and Evolutionary Biology of Plants Concentration:

Ecology and Evolution, BCOR 102

Morphology & Evolution of Vascular Plants, PBIO 108

Plant Systematics, PBIO 109

plus at least 15 credits of advanced (≥100) courses relevant to plant biology (at least 6 credits must be PBIO courses, at least 6 credits must be 200-level courses, and at least 3 credits must be in ecology) selected in consultation with your advisor.

Plant Molecular Biology Concentration:

Molecular and Cell Biology, BCOR 103

Morphology & Evolution of Vascular Plants, PBIO 108 or Plant Systematics, PBIO 109

Biochemistry: BIOC 205, BIOC 206, BIOC 207 (PBIO 185, PBIO 187 may be substituted with advisor permission)

plus at least 12 credits of advanced (≥100) courses relevant to plant biology (at least 6 credits must be PBIO courses and at least 6 credits must be 200-level courses) selected in consultation with your advisor.