

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, 241, 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

WLIT 16, 116

Course: _____

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

Genetics, BCOR 101

Plant Physiology, PBIO 104

Inorganic Chemistry, CHEM 031, CHEM 032

Organic Chemistry, CHEM 141, CHEM 142

Calculus, MATH 019, MATH 020 *or* MATH 021, MATH 022

Physics, PHYS 011 and 021 *or* PHYS 051

Statistics, STAT 141, STAT 211, *or* NR 140

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

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.
