BACHELOR OF SCIENCE DEGREE
ENVIRONMENTAL BIOLOGY/PLANT BIOLOGY
COORDINATE MAJOR

FOR ADDITIONAL INFORMATION, PLEASE CONTACT THE DEPARTMENT OF PLANT BIOLOGY

(1) UNIVERSITY REQUIREMENTS

**Writing Requirement**
Tier I: LB 133 4
Tier II: Satisfied by completing the Lyman Briggs College History, Philosophy and Sociology of Science and Senior requirements listed below.

**Integrative Studies in Arts & Humanities (IAH)**
IAH 201-210* 4
IAH 211-241** 4

**Integrative Studies in Social, Behavioral & Economic Sciences (ISS)**
ISS 200-level course* 4
ISS 300-level course† 4

*National, International, & Multicultural Diversity
Students must include at least one "N" course and one "I" course in their Integrative Studies programs. A "D" course may meet either an "N" or an "I" requirement, but not both.

†Beginning Summer 2013, LB 331, 333, and 336 will fulfill the IAH "B" university requirement (IAH 211 or higher). Please consult your LBC advisor for specific details for your program.

‡Beginning Summer 2013, LB 332, 334, and 335 will fulfill the ISS 300-level university requirement. Please consult your LBC advisor for specific details for your program.

**Mathematics, Biological and Physical Sciences**
Satisfied by the Lyman Briggs College requirements in Mathematics, Biological and Physical Sciences (see below).

Minimum number of credits required: 120
Minimum cumulative and major grade point average: 2.0

(2) LYMAN BRIGGS COLLEGE REQUIREMENTS

**Biological Sciences (9 cr.)**
Complete ONE of the following groups of courses
(1) LB 144 & 145* 9
(2) BS 161, 162, 171, & 172 10

**Chemistry (9 cr.)**
Complete ONE of the following groups of courses
(1) LB 171, 171L, 172, & 172L* 9
(2) CEM 141, 142, & 161* 8

**Physics (8-10 cr.)**
Complete ONE of the following groups of courses
(1) LB 273, 274* 8
(2) PHY 231, 232, 251, & 252* 8

**Mathematics (6-8 cr.)**
Complete ONE of the following groups of courses
(1) LB 118 & STT 231* 7
(2) MTH 132 & STT 231* 7

**History, Philosophy & Sociology of Science (11-12 cr.)**
LB 133 4
LB 330-336, 355, 490E; ENG 473A; HST 425; SOC 368 7-8

**Senior Seminar (4 cr.)**
LB 492 4

*Chemistry, Physics and Mathematics courses also satisfy graduation requirements for the major
MAJOR REQUIREMENTS

Complete ALL of the following courses (27 cr.)
- CSS 210 Fundamentals of Soil Science 3
- FW 417 Wetland Ecology & Management 3
- GEO 221 Introduction to Geographic Information 3
- PLB 203 Biology of Plants 3
- PLB 415 Plant Physiology 3
- PLB 418 Plant Systematics 3
- PLB 498 Undergraduate Research 3
- PLB 499 Senior Seminar 2
- IBIO 355 Ecology 3
- IBIO 355L Ecology Laboratory (W) 1

Complete ONE of the groups (4 -6 cr.)
- CEM 143 Survey of Organic Chemistry 4
- CEM 251 Organic Chemistry I 3
- CEM 252 Organic Chemistry II 3

Complete ONE of the following courses (3-4 cr.)
- CSS 350 Introduction to Plant Genetics 3
- IBIO 341 Fundamental Genetics 4

Complete ONE of the following courses (3-4 cr.)
- ENT 404 Fundamentals of Entomology 3
- PLP 405 Plant Pathology 3
- PLP 407 Diseases & Insects of Forest & Shade Trees 4

Complete ONE of the following courses (3 cr.)
- FW 410 Upland Ecosystem Management 3
- FW 444 Conservation Biology 3

Complete TWO additional 300-400 level courses relating to Environmental Biology approved by the Department of Plant Biology (6-8 cr.).

IMPORTANT: These guidelines are presented for planning purposes only. Students MUST consult a department advisor for confirmation of major requirements.