

BACHELOR OF SCIENCE DEGREE ENVIRONMENTAL SCIENCES & MANAGEMENT

FOR ADDITIONAL INFORMATION, PLEASE CONTACT THE [LYMAN BRIGGS ADVISING OFFICE](#)

(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.

†Summer 2013 to Summer 2017: LB 331, 333, and 336 will fulfill the IAH “B” university requirement (IAH 211 or higher). Please consult your LBC Academic Advisor for specific details for your program.

‡Summer 2013 to Summer 2017; LB 332, 334, and 335 will fulfill the ISS 300-level university requirement. Please consult your LBC Academic Advisor for specific details for your program.

Beginning Fall 2017; LB 321a, 322a, 323a, 324a, 325a, 326a and 327a will fulfill the IAH university requirement (IAH 211 or higher).

@ Beginning Fall 2017; LB 321b, 322b, 323b, 324b, 325b, 326b and 327b will fulfill the ISS 300-level university requirement.

Please contact your LBC Academic Advisor for specific details for your program. If you fulfilled the LB 331, 332, 333, 334, 335 or 336 requirement you do not need the new Fall 2017 courses.

Mathematics, Biological and Physical Sciences

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

(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* 9

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 (7-8 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 321-327, 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

Minimum number of credits required: 120

Minimum cumulative and major grade point average: 2.0

(3) MAJOR REQUIREMENTS

Complete ONE course from each of the following 7 areas (24-26 cr.)

(1) Ecology			
IBIO	355	Ecology	3
IBIO	355L	Ecology Laboratory	1
(2) Geology			
GLG	201	The Dynamic Earth	4
(3) Taxonomy or Phylogenetic Biology			
ENT	404	Fundamentals of Entomology	4
PLB	418	Plant Systematics	3
IBIO	306	Invertebrate Biology	4
(4) Biochemistry			
BMB	401	Basic Biochemistry	4
(5) Aquatic Systems			
FW	420	Stream Ecology	3
(6) Microbiology			
MMG	301	Introductory Microbiology	3
(7) Economics			
EC	201	Introduction to Microeconomics	3

Complete ONE course from each of the following groups (9-11 cr.)

1. SOC	452	Environment and Society*	3	
2. FW	424	Population Analysis & Management	4	
	FW	444	Conservation Biology	3
3. FW	410	Upland Ecosystem Management	3	
	FW	417	Wetland Ecology & Management	3

*Students who elect SOC 452 must also complete SOC 452L to meet this requirement

IMPORTANT: This advising guide is presented for planning purposes only. It is the student's responsibility for knowing and following University, college and departmental requirements as stated in the [Academic Programs Catalog](#).

The Academic Advisors will provide information and suggest others based on expressed interests. It is the student's responsibility for enrolling in classes and selecting the number of credits per semester for success. Appointments are made using the [Student Success Dashboard](#).