

# BACHELOR OF SCIENCE DEGREE HISTORY, PHILOSOPHY, AND SOCIOLOGY OF SCIENCE

## FOR ADDITIONAL INFORMATION, PLEASE CONTACT THE FACULTY ADVISOR IN THE LYMAN BRIGGS COLLEGE ADVISING OFFICE

Students will work one-on-one with a History, Philosophy, Sociology of Science Faculty member to develop a personal core curriculum consisting of 24 credits in HPS courses, in addition to the 8 upper level HPS credits and 4 Senior Seminar credits required by the Lyman Briggs core program.

Courses from outside Lyman Briggs College may be selected if such courses illuminate science and technology issues, or are prerequisite to understand a History, Philosophy, Sociology of Science problem, and are pertinent to the career goals of the student. (Please note carefully that only 300-400-level courses count towards the total of twenty-four credits. Several courses suggested below have 100-level and/or 200-level prerequisites).

### (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 (8-9 cr.)

Complete ONE of the following groups of courses

- |                               |   |
|-------------------------------|---|
| (1) LB 171, 171L, 172, & 172L | 9 |
| (2) CEM 141, 142, & 161       | 8 |
| (3) CEM 151, 152, & 161       | 8 |

#### Physics (8 cr.)

Complete ONE of the following groups of courses

- |                              |   |
|------------------------------|---|
| (1) LB 273, 274              | 8 |
| (2) PHY 183 & 184            | 8 |
| (3) PHY 231, 232, 251, & 252 | 8 |

#### Mathematics (6-7 cr.)

Complete ONE of the following groups of courses

- |                      |   |
|----------------------|---|
| (1) LB 118 & 119     | 8 |
| (2) LB 118 & STT 231 | 7 |
| (3) MTH 132 & 133    | 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

Minimum number of credits required: 120

Minimum cumulative and major grade point average: 2.0

### **(3) MAJOR REQUIREMENTS**

A minimum of 24 credits at the 300-400 level History, Philosophy, and Sociology of Science courses approved by the student's Faculty Advisor. Courses in the Lyman Briggs College CORE PROGRAM (see #2) and Lyman Briggs 492 may not be used to satisfy this requirement.

A student majoring in HPS will work closely with an HPS Faculty Academic Advisor to design a program of study in HPS of science, technology, environment, and medicine tailored to provide the student with multiple opportunities and experiences to gain the knowledge and skills necessary for his/her post-graduate goals.

**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](#).