B.S. in MICROBIOLOGY

MAJOR REQUIREMENTS

PRESCRIBED COURSES-C OR HIGHER

- CHEM 110, 3 units
- CHEM 111, 1 unit
- CHEM 112, 3 units
- MATH 140, 4 units

A “C” or better is required in 2 of of the following 3 courses. All 3 courses required:

- MICRB/BMB 251, 3 units
- MICRB/BMB 252, 3 units
- MICRB 201, 3 units

PRESCRIBED COURSES

- BIOL 322 or 222, 3 units
- BMB 400, 2 units
- BMB 401, 3 units
- BMB 402, 3 units
- BMB 428, 3 units
- BMB 442, 3 units
- CHEM 113, 1 unit
- CHEM 210, 3 units
- CHEM 212, 3 units
- CHEM 213, 2 units
- MATH 141, 4 units
- MICRB 202 or 203, 2 units
- MICRB 421 3 units
- PHYS 250, 4 units
- PHYS 251, 4 units

ADDITIONAL COURSES

A. Select 4 of the following courses (11-12 units) **If you take 11 units in this requirement, you must take 7 units in sub-requirement C.**

- MICRB 401, 3 units
- MICRB 410, 3 units
- MICRB 412 3 units
- MICRB 415, 3 units
- MICRB 450, 2 units

B. Select 3 units in 400-level laboratory courses:

- MICRB 422, 2 units
- MICRB 447, 1 unit
- BMB 445W, 2 units
- BMB 448, 2 units

C. Select 6-7 units from FD SC 408, BMB /MICRB 408, BMB 488, BMB 496, or any MICRB 400-level course, with a total max. of 4 units in BMB 488 and/or BMB 496 and a total max. of 3 units in BMB 408 and/or MICRB 408.

**If you take 6 units in this requirement, you must take 12 units in sub-requirement A.**
B.S. in MICROBIOLOGY

MAJOR REQUIREMENTS CONT.

LIST C FREE ELECTIVES
Select 4-13 units from department list:
- ______________
- ______________
- ______________
- ______________
- ______________
- ______________

Earn a “C” or higher in 9 units of any 400-level MICRB/BMB courses except BMB 442, 443W, 445W, 448, 496, MICRB 421W, 422 and 447.
- ______________
- ______________
- ______________

GENERAL EDUCATION

FIRST YEAR SEMINAR
☐ PSU 16, 1 unit

U.S. & INTERNATIONAL CULTURES
☐ ______________ (US)
☐ ______________ (IL)

LIST C FREE ELECTIVES
Select 4-13 units from department list:
- ______________
- ______________
- ______________
- ______________
- ______________
- ______________

GENERAL EDUCATION

WRITING AND SPEAKING
- ENGL 15 or 30, 3 units
- CAS 100, 3 units
- ENGL 202C, 3 units

Humans, 6 units
- ______________

Arts, 6 units
- ______________

Social & Behavioral Sciences, 6 units
- ______________

Health & Physical Activity, 3 units
- ______________

Minimum overall GPA requirement for graduation must be ≥ 2.0. Total units earned (less repeats and remedial) must equal 125 to graduate. They must also satisfy the University’s First-Year Seminar, International and US Cultures, and Writing Across the Curriculum requirements. At least 36 of the last 60 units must be completed at the university, and the last 60 units within the past 5 calendar years.