**Microbiology**

**Major Units Required:** 18 Units  
**Total Units Required:** 36 Units  
**Department Location:** Megerle Science

---

**Core**
- MI200
- MI212
- MI221 Q
- MI314
- MI512
- MI521
- MI522 T
- MI525 Q

**Electives**
- MI216, 291, 493, 513, 517, 523, 524, 591, or CH517

**Cognates**
- CH111 Q
- CH112 Q
- CH211 WC
- CH212 WC
- PY131 or 141 Q; WC
- PY132 or 142 Q; WC
- MA121 QQ

**Senior Learning Community**
- MI400E
- MI400 L; O; WW
- MI491 LL; O; WC

---

**Skills & Knowledge Requirements**

**Learning Communities:**
- First-Year Program
- Intermediate LC (or study abroad)
- Senior LC (within major)

**Intercultural Understanding:**
- UU
- U/UU
- U/UU

**Creativity:**
- CC
- C/CC
- C/CC

**Critical Reading & Analysis:**
- RR
- R/RR
- R/RR

**Quantitative Thinking:**
- QQ
- Q/QQ
- Q/QQ

**Tech. Comp. & Info Literacy:**
- TT
- LL
- T/TT/L/LL

**Oral Communication:**
- OO
- O/OO
- O/OO

**Written Communication:**
- WW
- WC/WW
- WC/WW
- WC/WW
- WC/W(FYP)
- WC/W(SLC)

**Knowledge Areas**

- Arts
- Arts
- Humanities
- Humanities
- Humanities
- Social Sciences
- Social Sciences
- Social Sciences

---

**Skills Provided in the Major**

**Required Courses:**
- LL; L; O; O; Q; WC; WC

**Electives:**
- TT

**Skills Not Provided in the Major**

- CC; C; C; OO; QQ; RR; R; UU; U; U; WW

Note that depending on the specific electives chosen, not all of these skills may be obtained in the major.

---

**Notes**

Double letters indicate an intensive (XX) skill, single letters indicate practice or exposure (X). Additional intensive courses may be used in place of practice or exposure courses.

If a course has a laboratory section, it must be taken with the course.

PY141/142 are calculus-based physics courses. If PY131 is taken, the second course must be PY132. If PY141 is taken, the second course must be PY142.

For more details see: http://wagner.edu/majors/microbiology/

This is intended to be a general guide for students entering FA18 and after. Please see your major advisor for requirements. Revised: 8/10/18