## Microbiology Minor (Non-Teaching)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOM 103IN</td>
<td>Unseen Universe: Microbes</td>
<td>3</td>
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<tr>
<td>or BIOM 250</td>
<td>Microbiology for Health Sciences: Infectious Diseases</td>
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<tr>
<td>BIOB 160</td>
<td>Principles of Living Systems</td>
<td>4</td>
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<tr>
<td>or BIOB 260</td>
<td>Cellular and Molecular Biology</td>
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<tr>
<td>BIOM 360</td>
<td>General Microbiology, pre-req BI OB 160, CHMY 141 &amp; 143</td>
<td>5</td>
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Microbiology Electives (need 13 cr. from list below) 13

- BIOL 410 - Immunology 3
- BIOL 412 - Hybridomas 2
- BIOL 413 - Flow Cytometry 1
- BIOL 414 - Advanced Microscopy 1
- BIOL 415 - Adv Immunology Methods 1
- BIOL 424 - Ethical Practice of Science 3
- BIOL 428 - Molecular Evolution 3
- BIOL 477 - Genome Science and Gene Expression 5
- BIOL 405 - Hematology 3
- BIOL 406 - Hematology Laboratory 1
- BIOL 422 - Genes and Cancer 3
- BIOL 400 - Medical Microbiology 3
- BIOL 405 - Host-Associated Microbiomes 4
- BIOL 410 - Microbial Genetics 3
- BIOL 415 - Microbial Diversity, Ecology, and Evolution 3
- BIOL 421 - Concepts of Plant Pathology 3
- BIOL 423 - Mycology 3
- BIOL 425 - Toxicology: Science of Poisons 3
- BIOL 427 - General Parasitology 3
- BIOL 430 - Applied and Environmental Microbiology 4
- BIOL 431 - Medical Bacteriology 3
- BIOL 432 - Med Bacteriology Lab 2
- BIOL 435 - Virology 3
- BIOL 441 - Eukaryotic Pathogens 4
- BIOL 450 - Microbial Physiology 3
- BIOL 452 - Soil & Environmntl Microbiology 3
- BIOL 455R - Research Mthds in Microbiology 4
- BIOL 460 - Infectious Diseases Ecology and Spillover 3
- BIOL 490R - Undergraduate Research 3
- BIOL 498 - Microbiology Internship 3

Microbiology electives must be numbered 280 and above. A minimum of 9 credits total must be in courses numbered 300 and above. A maximum of 2 Undergraduate Research credits can be applied to the minor.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.