Biotechnology (Minor)

M.S. and Ph.D. minors in biotechnology are available to students who successfully complete at least eight credit hours in selected laboratory core courses and conduct their graduate thesis research in an area of biotechnology. At least one member of the student's thesis committee must be a member of the Biotechnology faculty. Research in biotechnology is focused in three main areas: recombinant DNA technology, bioprocessing/bioanalytical techniques, and in vitro culture techniques. The multidisciplinary nature of biotechnology means that a wide range of research topics and techniques are applicable.

Students wishing to pursue graduate studies leading to either a M.S. or Ph.D. minor in biotechnology must enroll and conduct their research in a participating department. For specific information about enrollment requirements, contact the participating departments of interest to you directly.

Plan Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIT 510</td>
<td>Core Technologies in Molecular and Cellular Biology (^1)</td>
<td>4</td>
<td>4</td>
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</table>

Additional courses will be determined in conjunction with the academic committee

Total Hours 8

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\(^1\) Students may place out of BIT 510 if they have had either a similar course as an undergraduate or if they have substantial practical experience and conceptual knowledge of the material covered. The approval to place out of BIT 510 is made by the Academic Advisor of the Biotechnology Program, in conjunction with consultation with the student's thesis advisor. If placing out of BIT 510, the student will instead take one additional 2-credit BIT lab course for a total of three (and will complete the minor requirements with 6 credits of coursework rather than 8).

Full Professor

Robert M. Kelly

Associate Professors

Lauren V. Schnabel

Assistant Professors

Petra Bizikova
Nathan Crook
Glenn P. Cruse
Mary Elting
Manuel Kleiner
Sharonda Latrice Johnson LeBlanc
Kelly Meiklejohn
Santosh Mishra
Benjamin J. Reading
Jack Wang
Xiaoqiu Wang

Practice/Research/Teaching Professors

Stefanie Chen
Biotechnology (Minor)

Carlos C. Goller
Melissa Srougi