**BIOPHYSICS, DOCTORAL MINOR**

Students enrolled in a UW–Madison doctoral program can pursue a doctoral minor in biophysics. The doctoral minor offers substantial training in biophysics. A doctoral minor in biophysics can serve as supplement to training in a broad range of disciplines in which physics, physical chemistry, biology, and medicine intersect. The biophysics minor will give students a rigorous understanding of quantitative approaches to physical and chemical problems in the life sciences. Course offerings that provide pedagogical instruction to biophysics students serve as the basis for the biophysics minor.

**REQUIREMENTS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Courses</strong></td>
<td></td>
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</tr>
<tr>
<td>CHEM/BIOCHEM 665</td>
<td>Biophysical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 668</td>
<td>Biophysical Spectroscopy</td>
<td>2-3</td>
</tr>
<tr>
<td><strong>Elective Course</strong></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Students choose one or more of the following or any course used to satisfy elective requirements for the Biophysics Ph.D.:</td>
<td></td>
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<tr>
<td>BIOCHEM 601</td>
<td>Protein and Enzyme Structure and Function</td>
<td></td>
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<tr>
<td>BIOCHEM/GENETICS/ MICROBIO 612</td>
<td>Prokaryotic Molecular Biology</td>
<td></td>
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<tr>
<td>BIOCHEM/GENETICS/ MD GENET 620</td>
<td>Eukaryotic Molecular Biology</td>
<td></td>
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<tr>
<td>NTP/NEURODPT 610</td>
<td>Cellular and Molecular Neuroscience</td>
<td></td>
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<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>9-10</td>
</tr>
</tbody>
</table>

**PEOPLE**

**FACULTY**

Chair: Dr. Alessandro Senes (Biochemistry) Website (https://biochem.wisc.edu/faculty/senes/)

Paul Ahlquist (Oncology) Website (https://mcardle.wisc.edu/who-we-are/mcardle-faculty/paul-g-ahlquist-phd/)

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Mathew Jones (Neuroscience) Website (https://neuro.wisc.edu/staff/jones-mathew-2/)

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Tom Record (Biochemistry) Website (https://biochem.wisc.edu/faculty/record/)
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Phil Romero (Biochemistry) Website (https://biochem.wisc.edu/faculty/romero/)
Subhojit Roy (Pathology and Laboratory Medicine) Website (https://pathology.wisc.edu/staff/roy-subhojit/)
Kris Saha (Biomedical Engineering) Website (http://sahalab.bme.wisc.edu/)
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John Yin (Chemical and Biological Engineering) Website (https://yin.discovery.wisc.edu/)
Martin Zanni (Chemistry) Website (https://zanni.chem.wisc.edu/)