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>
<td></td>
</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>3</td>
<td></td>
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<tr>
<td>BIOCHEM 601</td>
<td>Protein and Enzyme Structure and Function</td>
<td></td>
</tr>
<tr>
<td>BIOCHEM/GENETICS/MICROBIO 612</td>
<td>Prokaryotic Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>BIOCHEM/GENETICS/MD GENET 620</td>
<td>Eukaryotic Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>NTP/NEURODPT 610</td>
<td>Cellular and Molecular Neuroscience</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits** 9-10

**PEOPLE**

**FACULTY**

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

Sam Butcher (Biochemistry) Website (https://biochem.wisc.edu/faculty/butcher/)

Silvia Cavagnero (Chemistry) Website (http://cavagnero.chem.wisc.edu/)

Ed Chapman (Neuroscience) Website (https://chapman.neuro.wisc.edu/)

Josh Coon (Chemistry) Website (https://www.chem.wisc.edu/users/jcoon/)

Scott Coyle (Biochemistry) Website (https://biophysics.wisc.edu/staff/coyle-scott/)

Cindy Czajkowski (Neuroscience) Website (https://neuro.wisc.edu/staff/czajkowski-cynthia/)

Katrina Forest (Bacteriology) Website (https://bact.wisc.edu/people_profile.php?t=rf&p=kforres1)

Brian Fox (Biochemistry) Website (https://biochem.wisc.edu/faculty/fox/default.aspx)

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Jim Keck (Biomolecular Chemistry) Website (https://bmolchem.wisc.edu/staff/keck-james/)

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Tom Record (Biochemistry) Website (https://biochem.wisc.edu/faculty/record/)

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Kris Saha (Biomedical Engineering) Website (http://sahalab.bme.wisc.edu/)

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Raunak Sinha (Neuroscience) Website (https://neuro.wisc.edu/staff/sinha-raunak/)

Melissa Skala (Biomedical Engineering) Website (https://morgridge.org/research/medical-engineering/multiscale-imaging/)

Lloyd Smith (Chemistry) Website (https://www.chem.wisc.edu/users/smith/)

Aussie Suzuki (Oncology) Website (https://mcardle.wisc.edu/faculty/)

Reid Van Lehn (Chemical and Biological Engineering) Website (http://vanlehngroup.che.wisc.edu/)

Ophelia Venturelli (Biochemistry) Website (https://biochem.wisc.edu/faculty/venturelli/)

Amy Weeks (Biochemistry) Website (https://biophysics.wisc.edu/staff/weeks-amy/)

Liz Wright (Biochemistry) Website (https://biophysics.wisc.edu/staff/wright-elizabeth/)

Yongna Xing (Oncology): Website (https://mcardle.wisc.edu/faculty/)

John Yin (Chemical and Biological Engineering) Website (https://yin.discovery.wisc.edu/)

Martin Zanni (Chemistry) Website (https://zanni.chem.wisc.edu/)