### Molecular Biophysics & Biochemistry

#### Degrees Offered
- **B.A.**
- **B.S.**
- **B.S./M.S.**

#### Prerequisites
- None
- None
- None

#### Requirements for each degree

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<tr>
<th>Degree</th>
<th>B.A.</th>
<th>B.S.</th>
<th>B.S./M.S.</th>
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<tr>
<td>Course Credits</td>
<td>9.5</td>
<td>12.5</td>
<td>18.5</td>
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<td>Including Senior Req</td>
<td>9.5</td>
<td>12.5</td>
<td>18.5</td>
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**Biophysics**
- (3 credits)
  - PHYS 170/171 (or above)
  - MB&B 275 or CHEM 332
- (4 credits)
  - PHYS 170/171 (or above)
  - MB&B 275 or CHEM 332
  - 1 elective 300+

**Biochemistry**
- (3 credits)
  - MB&B 300 and MB&B 301
  - CHEM 175 or any CHEM 200+

**Science and Society**
- (1/2 credit minimum)
  - MB&B 268 or others as approved by DUS

**Practical Skills Electives**
- (1 credit for B.A. / 2 credits for B.S. from different categories with at least 0.5 credits from MB&B)
  - Physics: PHYS 165L, MB&B 101L, CHEM 355L or ...
  - Biochem: MB&B 470/471, 251L, CHEM 355L or ...
  - Critical tools: S&DS 105, CPSC 112, MB&B 435 or ...
- (1 credit)
  - MB&B 470 or 471 completed by end of fifth term as part of senior req

**Seminar and Lecture Electives**
- (1 credit)
  - 1 MB&B elective at 200+ level
- (2 credits)
  - 1 x MB&B at 200+ level
  - 1 x STEM at 200+ level
- (6 credits)
  - 2 x MB&B at 500+ level
  - 4 x STEM at 500+ level

**Concentrations (optional)**
- Faculty curated sets of electives for students choosing to concentrate in Medicine; Computational Biology & Bioinformatics; Chemical Biology; Biochemistry; Biophysics and Structural Biology.
  - Some concentrations require BIOL 103/104.
  - Some require 1-3 additional credits.
  - More specific concentration requirements found in YCPS

**Senior Requirements**
- **Senior Project (1 term)**
  - MB&B 490
- **MB&B 570 and 571**

Updated May 2022