### Degrees Offered

#### Molecular, Cellular, and Developmental Biology

<table>
<thead>
<tr>
<th>BA</th>
<th>BS</th>
<th>BS Intensive</th>
<th>BS/MS</th>
</tr>
</thead>
</table>

#### Prerequisites for entering the major

- **BA:** BIO 101, 102, 103, and 104
- **BS:** 1 term MATH 115 or higher
- **BS Intensive:** 2 terms lecture sequence in CHEM + 2 Labs
- **BS/MS:** 3 terms in CHEM or PHYS, 2 terms PHYS, 1 term Organic CHEM + 1 Lab

#### Requirements for each degree

- **BS:** 11 Course Credits beyond prereqs or 6 Grad Credits (consult DUS)
- **BS Intensive:** 11 Course Credits beyond prereqs
- **BS/MS:** 11 Course Credits beyond prereqs + 6 Grad Credits (consult DUS)

#### Senior Requirements

- **BS:** 2 courses from MCDB 200, 202, 205, 210, 300 (or MBB 300), 310, 320, 430
- **BS Intensive:** 3 courses from MCDB 200, 202, 205, 210, 300 (or MBB 300), 310, 320, 430
- **BS/MS:** 2 General Electives from core courses or upper level MCDB courses

#### Special Track Requirements

- **Biotechnology:** MCDB 370; 1 elective from MCDB 350 or higher; 1 elective from MB&B 420, 435, BENG 351, 352, 410, 435, CENG 210, 411, CPSC 437, 445, 470, or 475.
- **Neurobiology:** MCDB 320; 1 elective from MCDB 350 or higher; 1 elective from BENG 410, CPSC 475, 410, 415, 430, MCDB 361, PSYC 270, S&D 101.
- **Quantitative Biology:** MCDB 330; 1 elective from MCDB 350 or higher; 1 elective from MCDB 320, 361, 461, MBB 302, 435, 452, 523, PHYS 402, MATH 246; or CPSC 475; 2 labs numbered MCDB 201L or above.

#### Biotechnology

- **BS:** MCDB 485/486 or 2 terms MCDB 475
- **BS Intensive:** MCDB 495/496
- **BS/MS:** MCDB 585 (jr. spring) or MCDB 595/596 (sr. year)

#### Neurobiology

- **BS:** MCDB 485/486 or 2 terms MCDB 475
- **BS Intensive:** MCDB 495/496
- **BS/MS:** MCDB 585 (jr. spring) or MCDB 595/596 (sr. year)

#### Quantitative Biology

- **BS:** MCDB 485/486 or 2 terms MCDB 475
- **BS Intensive:** MCDB 495/496
- **BS/MS:** MCDB 585 (jr. spring) or MCDB 595/596 (sr. year)

### Class of 2021 and beyond

#### Degrees Offered

<table>
<thead>
<tr>
<th>BA</th>
<th>BS</th>
<th>BS Intensive</th>
<th>BS/MS</th>
</tr>
</thead>
</table>

#### Prerequisites for entering the major

- **BA:** BIO 101, 102, 103, and 104
- **BS:** 1 course MATH 115 or higher or S&D course at Yale
- **BS Intensive:** 2 term lecture sequence in CHEM + 2 Labs
- **BS/MS:** 1 term Organic CHEM + 1 Lab

#### Requirements for each degree

- **BS:** 2 courses from MCDB 200, 202, 205, 210, 300 (or MBB 300)
- **BS Intensive:** 3 courses from MCDB 200, 202, 205, 210, 300 (or MBB 300)
- **BS/MS:** 2 General Electives from core courses or upper level MCDB courses (MCDB 250 and above)

#### Senior Requirements

- **BS:** 1 Special Elective from MCDB 350 or higher

#### Special Track Requirements

- **Biotechnology:** MCDB 370; 1 elective from MCDB 350 or higher; 1 elective from MB&B 420, 435, BENG 351, 352, 410, 435, CENG 210, 411, CPSC 437, 445, 470, or 475.
- **Neurobiology:** MCDB 320; 1 elective from MCDB 350 or higher; 1 elective from BENG 410, CPSC 475, 410, 415, 430, MCDB 361, PSYC 270, S&D 101.
- **Quantitative Biology:** MCDB 330; 1 elective from MCDB 350 or higher; 1 elective from MCDB 320, 361, 461, MBB 302, 435, 452, 523, PHYS 402, MATH 246; or CPSC 475; 2 labs numbered MCDB 201L or above.

#### Biotechnology

- **BS:** MCDB 485/486 or 2 terms MCDB 475
- **BS Intensive:** MCDB 495/496
- **BS/MS:** MCDB 585 (jr. spring) or MCDB 595/596 (sr. year)

#### Neurobiology

- **BS:** MCDB 485/486 or 2 terms MCDB 475
- **BS Intensive:** MCDB 495/496
- **BS/MS:** MCDB 585 (jr. spring) or MCDB 595/596 (sr. year)

#### Quantitative Biology

- **BS:** MCDB 485/486 or 2 terms MCDB 475
- **BS Intensive:** MCDB 495/496
- **BS/MS:** MCDB 585 (jr. spring) or MCDB 595/596 (sr. year)

---

Updated Spring 2020