

Students are encouraged to consult their academic advisor for a customized course plan.

2025 - 2026 Biology Major Sample 4 Year Bachelor of Science Course Plans

*Summer session is optional. The sample course plans below show course loads in order to complete this degree within 4 years.
Sample plans do not include earned AP/IB/college units from an outside institution.*

MATH PLACEMENT: MATH 3

| | FALL | WINTER | SPRING | SUMMER |
|--|---|--|---|--|
| Year One Total Units: 50 - 51 units | MATH 003 (3 units) WRIT 010 (4 units) Breadth (4 units) Breadth (4 units) Total: 15 units | MATH 006A (4 units) OR MATH 006A, 06LA (5 units) WRIT 020 (4 units) Breadth (4 units) Total: 12 -13 units | MATH 006B (4 units) OR MATH 006B, 06LB (5 units) CHEM 001A, 01LA (5 units) WRIT 030 (4 units) Total: 13 -14 units | CHEM 001B, 01LB (5 units) CHEM 001C, 01LC (5 units) Total: 10 units |
| Year Two Total Units: 48 - 49 units | CHEM 008A,08LA (4 units) BIOL 005A, 05LA OR 020 (5 or 6 units) MATH 007A (4 units) Total: 13 / 14 units | CHEM 008B, 08LB (4 units) BIOL 005B (4 units) MATH 007B (4 units) Total: 12 units | BCH 100 (4 units) BIOL 005C (4 units) PHYS 002A, 02LA (5 units) Total: 13 units | PHYS 002B, 02LB (5 units) PHYS 002C, 02LC (5 units) Total: 10 units |
| Year Three Total Units: 37 units | BIOL 102 (4 units) STAT 010 (5 units) Breadth (4 units) Total: 13 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Breadth (4 units) Total: 12 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Elective (4 units) Total: 12 units | |
| Year Four Total Units: 48 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective Class (4 units) Elective (4 units) Total: 12 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Breadth (4 units) Elective Class (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective Class (4 units) Elective Class (4 units) Total: 16 units | |
| Total Degree Units: 183 / 184 to 184 / 185 | | | | |
| <i>*See notes (on last page).</i> | | | | |

MATH PLACEMENT: MATH 6A OR MATH 6A,6LA

*Summer session is optional. The sample course plans below show course loads in order to complete this degree within 4 years.
Sample plans do not include earned AP/IB/college units from an outside institution.*

| | FALL | WINTER | SPRING | SUMMER |
|--|---|--|---|--|
| Year One Total Units: 52 - 55 units | MATH 006A (4 units) OR MATH 006A, 06LA (5 units) WRIT 010 (4 units) Breadth (4 units) Breadth (4 units) Total: 16 - 17 units | MATH 006B (4 units) OR MATH 006B, 06LB (5 units) CHEM 001A, 01LA (5 units) WRIT 020 (4 units) Total: 13 - 14 units | MATH 007A (4 units) CHEM 001B, 01LB (5 units) BIOL 005A, 05LA OR 020 (5 OR 6 units) Total: 14 or 15 units | CHEM 001C, 01LC (5 units) Breadth (4 units) Total: 9 units |
| Year Two Total Units: 47 units | MATH 007B (4 units) CHEM 008A, 08LA (4 units) BIOL 005B (4 units) Total: 12 units | CHEM 008B, 08LB (4 units) BIOL 005C (4 units) WRIT 030 (4 units) Total: 12 units | BCH 100 (4 units) PHYS 002A, 02LA (5 units) Breadth (4 units) Total: 13 units | PHYS 002B, 02LB (5 units) PHYS 002C, 02LC (5 units) Total: 10 units |
| Year Three Total Units: 37 units | BIOL 102 (4 units) STAT 010 (5 units) Breadth (4 units) Total: 13 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Breadth (4 units) Total: 12 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Total: 12 units | |
| Year Four Total Units: 44 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective Class (4 units) Elective Class (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Breadth (4 units) Elective Class (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective Class (4 units) Total: 12 units | |
| Total Degree Units: 180 / 181 to 183 | | | | |
| <i>*See notes (on last page).</i> | | | | |

MATH PLACEMENT: MATH 5A

*Summer session is optional. The sample course plans below show course loads in order to complete this degree within 4 years.
Sample plans do not include earned AP/IB/college units from an outside institution.*

| | FALL | WINTER | SPRING | SUMMER |
|--|---|--|---|--------|
| Year One Total Units: 44 - 45 units | MATH 005A (5 units) WRIT 010 (4 units) Breadth (4 units) Elective (4 units) Total: 17units | MATH 007A (4 units) CHEM 001A, 01LA (5 units) WRIT 020 (4 units) Total: 13 units | MATH 007B (4 units) CHEM 001B, 01LB (5 units) BIOL 005A, 05LA OR 020 (5 OR 6 units) Total: 14 or 15 units | |
| Year Two Total Units: 41 units | CHEM 001C, 01LC (5 units) BIOL 005B (4 units) PHYS 002A, 02LA (5 units) Total: 14 units | CHEM 008A, 08LA (4 units) BIOL 005C (4 units) PHYS 002B, 02LB (5 units) Total: 13 units | CHEM 008B, 08LB (4 units) PHYS 002C, 02LC (5 units) STAT 010 (5 units) Total: 14 units | |
| Year Three Total Units: 48 units | BCH 100 (4 units) BIOL 102 (4 units) WRIT 030 (4 units) Breadth (4 units) Total: 16 units | Upper- Division Class (4 units) Upper-Division Class (4 units) Breadth (4 units) Elective (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Breadth (4 units) Elective (4 units) Total: 16 units | |
| Year Four Total Units: 48 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Breadth (4 units) Breadth (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Breadth (4 units) Elective (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective Class (4 units) Elective Class (4 units) Total: 16 units | |
| Total Degree Units: 181 / 182 | | | | |
| <i>*See notes (on last page).</i> | | | | |

MATH PLACEMENT: MATH 7A

*Summer session is optional. The sample course plans below show course loads in order to complete this degree within 4 years.
Sample plans do not include earned AP/IB/college units from an outside institution.*

| | FALL | WINTER | SPRING | SUMMER |
|--|---|---|--|--------|
| Year One Total Units: 48 - 49 units | MATH 007A (4 units) CHEM 001A, 01LA (5 units) WRIT 010 (4 units) Total: 13 units | MATH 007B (4 units) CHEM 001B, 01LB (5 units) BIOL 005A, 05LA OR 020 (5 OR 6 units) WRIT 020 (4 units) Total: 18 or 19 units | CHEM 001C, 01LC (5 units) BIOL 005B (4 units) WRIT 030 (4 units) Elective (4 units) Total: 17 units | |
| Year Two Total Units: 43 units | CHEM 008A, 08LA (4 units) PHYS 002A, 02LA (5 units) BIOL 005C (4 units) Total: 13 units | CHEM 008B, 08LB (4 units) PHYS 002B, 02LB (5 units) Breadth (4 units) Total: 13 units | BCH 100 (4 units) PHYS 002C, 02LC (5 units) Breadth (4 units) Elective (4 units) Total: 17 units | |
| Year Three Total Units: 41 units | BIOL 102 (4 units) STAT 010 (5 units) Breadth (4 units) Elective (4 units) Total: 17 units | Upper-Division Class (4 units) Upper Division Class (4 units) Breadth (4 units) Total: 12 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Breadth (4 units) Total: 12 units | |

| | | | | |
|------------------------------------|---|---|---|--|
| Year Four Total Units: 48 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective (4 units) Elective (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) WRIT 030 (4 units) Elective Class (4 units) Total: 16 units | Upper-Division Class (4 units) Upper Division or Related Class (4 units) Elective Class (4 units) Elective Class (4 units) Total: 16 units | |
| Total Degree Units: 180 / 181 | | | | |
| *See notes (on last page). | | | | |

| MATH PLACEMENT: MATH 7B | | | | |
|--|---|--|---|--------|
| <p><i>Summer session is optional. The sample course plans below show course loads in order to complete this degree within 4 years.</i></p> <p><i>Sample plans do not include earned AP/IB/college units from an outside institution.</i></p> | | | | |
| | FALL | WINTER | SPRING | SUMMER |
| Year One Total Units: 48 - 49 units | MATH 007B (4 units) CHEM 001A, 01LA (5 units) WRIT 010 (4 units) Total: 13 units | CHEM 001B, 01LB (5 units) BIOL 005A, 05LA OR 020 (5 OR 6 units) WRIT 020 (4 units) Elective (4 units) Total: 18 or 19 units | CHEM 001C, 01LC (5 units) BIOL 005B (4 units) WRIT 030 (4 units) Breadth (4 units) Total: 17 units | |
| Year Two Total Units: 43 units | CHEM 008A, 08LA (4 units) PHYS 002A, 02LA (5 units) BIOL 005C (4 units) Total: 13 units | CHEM 008B, 08LB (4 units) PHYS 002B, 02LB (5 units) Breadth (4 units) Total: 13 units | BCH 100 (4 units) PHYS 002C, 02LC (5 units) Breadth (4 units) Elective (4 units) Total: 17 units | |
| Year Three Total Units: 41 units | BIOL 102 (4 units) STAT 010 (5 units) Elective (4 units) Total: 13 units | Upper-Division Class (4 units) Upper - Division Class (4 units) Breadth (4 units) Total: 12 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective (4 units) Total: 16 units | |
| Year Four Total Units: 48 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Elective (4 units) Elective (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division or Related Class (4 units) Breadth (4 units) Elective Class (4 units) Total: 16 units | Upper-Division Class (4 units) Upper-Division Class (4 units) Elective Class (4 units) Elective Class (4 units) Total: 16 units | |
| Total Degree Units: 180 / 181 | | | | |
| *See notes (on last page). | | | | |

*MATH 003 PLACEMENT. Math 003 units apply toward financial aid eligibility and full-time status (but they do not count towards the 180 units required for graduation).

*MATH PLACEMENT will determine the appropriate MATH sequence students are to follow. Consult your advisor for additional questions.

*Earned AP STAT credit or STAT credit earned from a CA CC may provide credit for STAT 010. Please consult your advisor to confirm & prior to enrolling in STAT 010.

*The following courses are acceptable: MATH 9A and MATH 9B if taken prior to FALL 2017; STAT100A if taken prior to FALL 2021; MATH 5 if taken prior to FALL 2022.

*Starting Fall 2025 CHEM 008C/CHEM 08LC can be completed as a Related Area course and is not required.