Planner Requirements Overview

BIOLCELBBS 2025 Sequence (Requirement: 000020066, Effective Date: 08/01/2025)

Acad Prog:	UBACH	Undergraduate	Default Units Per Term:	15	Send to Degree Search:	Yes
Acad Plan:	BIOLCELBBS	Biol Sci-Molec Cell & Bio BS	Total Units to Graduate:	120	Use Catalog Prefs:	Yes
			Reporting Only:	No		

[01] 1st Semester (Units: 15, Lines: 7)

01.01 **MATH 150 (Fulfills Subject Area 2)** — Typically Offered: Fall and/or Spring
0040, Major Requirement (GE-2 Math/Quant Reasoning), Units: 3
Min Grade Points/Unit: 2

Pre-Requirement
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0020)
  and
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0040)
  and
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0060)
  and
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0080)
  and
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0060)
  and
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0040)
  and
- o (1602/0020)
  and
- o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0080)
  and
- o MATH 115 (2350/0010)
  - o see above
  and
- o MATH 115 (2350/0020)
  - o see above

01.02 **BIOL 211 (Fulfills Subject Area 5B)** 0030, Major Requirement (GE-5B Biological Science) Units: 4 Min Grade Points/Unit: 2 Typically Offered: Fall and/or Spring	Co-Req	**BIOL 211A (1 of 1)** 0035, Major Requirement (Major Requirement), Units: 1
01.03 **BIOL 211A** 0035, Major Requirement (Major Requirement) Units: 1 Min Grade Points/Unit: 2 Typically Offered: Fall and/or Spring	Co-Req	**BIOL 211 (Fulfills Subject Area 5B) (1 of 1)** 0030, Major Requirement (GE-5B Biological Science), Units: 4

01.04 **Additional Elective - 3 Units** — Display Note: Y
0270, Elective Requirement (Elective), Units: 3 — Typically Offered: Intermittently
Allow Any Course: Unused Courses
Notes: Additional Elective - 3 Units: For First Year Freshman Students UNIV 180-5 is recommended.

01.05 **GEO 102 (Fulfills Subject Area 1C)** — Major 1 Only: Y
0170, CAL GETC (GE-1C Oral Communication), Units: 3
Min Grade Points/Unit: 1.7

01.06 **BIOL 101** — Typically Offered: Fall and/or Spring
0005, Major Requirement (Major Requirement), Units: 1
Min Grade Points/Unit: 2

[02] 2nd Semester (Units: 16, Lines: 7)
.

02.01 **Additional Elective - 3 Units** — Typically Offered: Intermittently
0310, Elective Requirement (Elective), Units: 3
Allow Any Course: Unused Courses

02.02 **CHEM 150 (Fulfills Subject Area 5A)** 0010, Major Requirement (GE-5A Physical Science) Units: 4,CRITICAL Min Grade Points/Unit: 2 Typically Offered: Fall and/or Spring	Co-Req	**CHEM 150L (Fulfills Subject Area 5C) (1 of 1)** 0020, Major Requirement (GE-5C Laboratory), Units: 1

Pre-Requirement	o CHEM 101 (1605/0010) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0020) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0040) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0060) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0080) and o (1602/0020) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0040) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0060) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0080)

02.03 **CHEM 150L (Fulfills Subject Area 5C)** 0020, Major Requirement (GE-5C Laboratory) Units: 1 Min Grade Points/Unit: 2 Typically Offered: Fall and/or Spring	Co-Req	**CHEM 150 (Fulfills Subject Area 5A) (1 of 1)** 0010, Major Requirement (GE-5A Physical Science), Units: 4

Pre-Requirement	o CHEM 101 (1605/0010) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0020) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0040) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0060) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1601/0080) and o (1602/0020) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0040) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0060) and o [Support Course] MATH 105 (Fulfills Subject Area 2) (1602/0080)

02.04 **BIOL 210** 0050, Major Requirement (Major Requirement) Units: 4 Min Grade Points/Unit: 2 Typically Offered: Fall and/or Spring	Co-Req	**BIOL 210A (1 of 1)** 0055, Major Requirement (Major Requirement), Units: 1

Pre-Requirement	o CHEM 150 (Fulfills Subject Area 5A) (20066/0010) [Same Term OK] o see above and o CHEM 150L (Fulfills Subject Area 5C) (20066/0020) [Same Term OK] o see above

02.05 **BIOL 210A** 0055, Major Requirement (Major Requirement) Units: 1 Min Grade Points/Unit: 2 Typically Offered: Fall and/or Spring	Co-Req	**BIOL 210 (1 of 1)** 0050, Major Requirement (Major Requirement), Units: 4

Pre-Requirement	o CHEM 150 (Fulfills Subject Area 5A) (20066/0010) [Same Term OK] o see (02.04) above and o CHEM 150L (Fulfills Subject Area 5C) (20066/0020) [Same Term OK] o see (02.04) above

02.06 **GEW 101B (formerly GEW 101) (Fulfills Subject Area 1A)** Major 1 Only: Y
0190, CAL GETC (GE-1A English Composition), Units: 3
Min Grade Points/Unit: 1.7

Pre-Requirement	o (1603/0010) and o [Support Course] GEW 101A (1603/0020) and o (1604/0010) and o [Support Course] GEW 101A (1604/0020) and o (1603/0030) and o (1603/0040) and o (1603/0050) and o DSP 3/4 [Support Course] GEW 101A - GE A3 (1603/0060) and o [REQUIRED Support Course] DSP 2 (1603/0070) [Same Term OK] and o (1604/0030) and o (1604/0040) and o (1604/0050) and o DSP 3/4 [Support Course] GEW 101A - Subject Area 1B (1604/0060) and o [REQUIRED Support Course] DSP 2 (1604/0070) [Same Term OK]

[03] 3rd Semester (Units: 14, Lines: 5)

03.01 **CHEM 160** Typically Offered: Fall and/or Spring
0060, Major Requirement (Major Requirement), Units: 3
Min Grade Points/Unit: 2

Pre-Requirement	o CHEM 150 (Fulfills Subject Area 5A) (20066/0010) o see (02.04) above and o CHEM 150L (Fulfills Subject Area 5C) (20066/0020) o see (02.04) above and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see above

03.02 **BIOL 215** Typically Offered: Fall and/or Spring
0100, Major Requirement (Major Requirement), Units: 4
Min Grade Points/Unit: 2

Pre-Requirement	o MATH 30 (10026/0050) o see above

03.03 **PHYS 101 or 205**
0110, Major Requirement (Major Requirement), Units: 4
Min Grade Points/Unit: 2

Co-Sequence	PHYS 102 or 206 (20066/0140)
Pre-Requirement	o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

03.04 **Subject Area 1B - Critical Thinking** Major 1 Only: Y
0200, CAL GETC (GE-1B Critical Thinking), Units: 3

[04] 4th Semester (Units: 15, Lines: 6)

04.01 **BIOL 212** Typically Offered: Fall and/or Spring
0090, Major Requirement (Major Requirement), Units: 3
Min Grade Points/Unit: 2

Pre-Requirement	o BIOL 210 (20066/0050) o see above

Planner Requirements Overview

04.02 **CHEM 201**
0070, Major Requirement (Major Requirement)
Units: 3
Min Grade Points/Unit: 2
Typically Offered: Fall and/or Spring



CHEM 201L (1 of 1)
0080, Major Requirement (Major Requirement), Units: 2

Pre-Requirement	o CHEM 160 (20066/0060) o see above

04.03 **CHEM 201L**
0080, Major Requirement (Major Requirement)
Units: 2
Min Grade Points/Unit: 2
Typically Offered: Fall and/or Spring



CHEM 201 (1 of 1)
0070, Major Requirement (Major Requirement), Units: 3

Pre-Requirement	o CHEM 160 (20066/0060) o see (04.02) above

04.04 **SUBJECT AREA - 3A, 3B, 4H, 4C, 6** Major 1 Only: Y
0220, CAL GETC (GE-3/4/6), Units: 3

04.04 **PHYS 102 or 206**
0140, Major Requirement (Major Requirement), Units: 4
Min Grade Points/Unit: 2

Co-Sequence	PHYS 101 or 205 (20066/0110)
Pre-Requirement	o PHYS 101 or 205 (20066/0110) o see above

[05] 5th Semester (Units: 16, Lines: 4)

05.01 **BIOL 351** Typically Offered: Fall and/or Spring
0120, Major Requirement (Major Requirement), Units: 5
Min Grade Points/Unit: 2
Notes: It is highly recommended that BIOL 351 & 353 NOT be taken concurrently

Pre-Requirement	o BIOL 210 (20066/0050) o see (04.01) above and o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o BIOL 215 (20066/0100) o see above

05.02 **BIOL Core Course**
0130, Major Requirement (Major Requirement), Units: 5
Min Grade Points/Unit: 2
Notes: Please check course pre-requisites before selecting a course

Pre-Requirement	o BIOL 210 (20066/0050) o see (04.01) above and o BIOL 215 (20066/0100) o see (05.01) above and o BIOL 211 (Fulfills Subject Area 5B) (20066/0030)

05.03 **SUBJECT AREA - 3A, 3B, 4H, 4C, 6** Major 1 Only: Y
0210, CAL GETC (GE-3/4/6), Units: 3

05.04 **SUBJECT AREA - 3A, 3B, 4H, 4C, 6** Major 1 Only: Y
0230, CAL GETC (GE-3/4/6), Units: 3

[06] 6th Semester (Units: 16, Lines: 5)
Semester 6 Notes: After Earning 85 Units Apply for Graduation Online Through Your Student Center

06.01 **BIOL Core Course**
0150, Major Requirement (Major Requirement), Units: 5
Min Grade Points/Unit: 2
Notes: Please check course pre-requisites before selecting a course

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o BIOL 210 (20066/0050) o see (04.01) above and o BIOL 215 (20066/0100) o see (05.01) above

06.02 **BIOL Core Course**
0160, Major Requirement (Major Requirement), Units: 5
Min Grade Points/Unit: 2
Notes: Please check course pre-requisites before selecting a course

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o BIOL 210 (20066/0050) o see (04.01) above and o BIOL 215 (20066/0100) o see (05.01) above

06.04 **SUBJECT AREA - 3A, 3B, 4H, 4C, 6** Major 1 Only: Y
0240, CAL GETC (GE-3/4/6), Units: 3

06.04 **BIOL M/C Desg Elective Note: One Course must be completed with a LAB - If you select a stand-alone lab course you must select the corresponding lecture course within the same term.**
0326, Major Requirement (Major Elective), Units: 3
Min Grade Points/Unit: 2
Notes: Please check course Pre-requisites before selecting a course Once ALL course selections are made on this page, please be sure to run your ARR Planned Report (see link at the top of this page) to make sure your selections complete all degree requirements.

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

[07] 7th Semester (Units: 13, Lines: 5)

07.01 **BIOL M/C Desg Elective Note: One Course must be completed with a LAB - If you select a stand-alone lab course you must select the corresponding lecture course within the same term.**
0320, Major Requirement (Major Elective), Units: 4
Min Grade Points/Unit: 2
Notes: Please check course Pre-requisites before selecting a course Once ALL course selections are made on this page, please be sure to run your ARR Planned Report (see link at the top of this page) to make sure your selections complete all degree requirements.

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

07.02 **Upper-Division Science Electives**
0330, Major Requirement (Major Elective), Units: 3
Min Grade Points/Unit: 2
Notes: 7-9 Units Required to Complete a Minimum of 19 units for the Concentration Electives Overall.
Please check course Pre-requisites before selecting a course Once ALL course selections are made on this page, please be sure to run your ARR Planned Report (see link at the top of this page) to make sure your selections complete all degree requirements.

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

07.03 **GE Upper Division** Major 1 Only: Y
0290, CAL GETC (Upper Division GE), Units: 3

Planner Requirements Overview

07.04 **SUBJECT AREA - 3A, 3B, 4H, 4C, 6** Major 1 Only: Y
0250, CAL GETC (GE-3/4/6), Units: 3

[08] 8th Semester (Units: 15, Lines: 5)

08.01 **BIOL M/C Desg Elective Note: One Course must be completed with a LAB - If you select a stand-alone lab course you must select the corresponding lecture course within the same term.**
0325, Major Requirement (Major Elective), Units: 3
Min Grade Points/Unit: 2
Notes: Please check course Pre-requisites before selecting a course Once ALL course selections are made on this page, please be sure to run your ARR Planned Report (see link at the top of this page) to make sure your selections complete all degree requirements.

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

08.02 **GE Upper Division** Major 1 Only: Y
0280, CAL GETC (Upper Division GE), Units: 3

08.04 **Upper-Division Science Electives**
0340, Major Requirement (Major Elective), Units: 3
Min Grade Points/Unit: 2
Notes: 7-9 Units Required to Complete a Minimum of 19 units for the Concentration Electives Overall.
Please check course Pre-requisites before selecting a course Once ALL course selections are made on this page, please be sure to run your ARR Planned Report (see link at the top of this page) to make sure your selections complete all degree requirements.

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

08.04 **Upper-Division Science Electives**
0370, Major Requirement (Major Elective), Units: 3
Min Grade Points/Unit: 2
Notes: 7-9 Units Required to Complete a Minimum of 19 units for the Concentration Electives Overall.
Please check course Pre-requisites before selecting a course Once ALL course selections are made on this page, please be sure to run your ARR Planned Report (see link at the top of this page) to make sure your selections complete all degree requirements.

Pre-Requirement	o BIOL 211 (Fulfills Subject Area 5B) (20066/0030) and o MATH 150 (Fulfills Subject Area 2) (20066/0040) o see (03.01) above

08.05 **Additional Elective - 3 units** Typically Offered: Intermittently
0300, Elective Requirement (Elective), Units: 3
Allow Any Course: Unused Courses