



Biology Core

The Biology Core consists of the following:

- Two quarters of Calculus
- One year of General Chemistry with Labs
- Two quarters of Organic Chemistry with Labs
- One year of Introductory Biology
- One quarter of Statistics
- One quarter of Biochemistry
- One year of Physics with Lab

All core courses must be completed with a C- or better & a cumulative GPA of at least 2.0.

Tentative Biology Core Curriculum Offerings

	Fall	Winter	Spring	Summer	Summer Session
MATH	*MATH 005A (5) MATH 006A (4) MATH 006B (4) MATH 007A** (4) MATH 007B** (4)	*MATH 005A (5) MATH 006A (4) MATH 006B (4) MATH 007A** (4) MATH 007B** (4)	*MATH 005A (5) MATH 006A (4) MATH 006B (4) MATH 007A** (4) MATH 007B** (4)	*MATH 005A (5) MATH 006B (4) MATH 007A** (4) MATH 007B** (4)	A A A + A & B
Statistics ***	STAT 010 (5)	STAT 010 (5)	STAT 010 (5)	STAT 010 (5)	+ A & B
General Chemistry	CHEM 001A/01LA (5) CHEM 001B/01LB (5) CHEM 001C/01LC (5)	CHEM 001A/01LA (5) CHEM 001B/01LB (5) CHEM 001C/01LC (5)	CHEM 001A/01LA (5) CHEM 001B/01LB (5) CHEM 001C/01LC (5)	CHEM 001A/01LA (5) CHEM 001B/01LB (5) CHEM 001C/01LC (5)	A +A & B +A & B
Organic Chemistry	CHEM 008A/08LA (4) ++CHEM 008C/ 08LC (4)	CHEM 008A/08LA (4) CHEM 008B/08LB (4)	CHEM 008B/08LB (4) ++CHEM 008C/08LC (4)	CHEM 008A/08LA (4) CHEM 008B/08LB (4) ++CHEM 008C/08LC (4)	C1 C2 +A & C3
Biology	BIOL005A/05LA/020 (5/6) BIOL 005B (4) BIOL 005C (4)	BIOL005A/05LA/020 (5/6) BIOL 005B (4) BIOL 005C (4)	BIOL005A/05LA/020 (5/6) BIOL 005B (4) BIOL 005C (4)	BIOL005A/05LA (5) BIOL 005B (4) BIOL 005C (4)	F F F
Physics	PHYS 002A/02LA (5) PHYS 002B/02LB (5)	PHYS 002B/02LB (5) PHYS 002C/02LC (5)	PHYS 002A/02LA (5) PHYS 002C/02LC (5)	PHYS 002A/02LA (5) PHYS 002B/02LB (5) PHYS 002C/02LC (5)	A + A & B B
Biochemistry	BCH 100 (4) BCH 110A (4)	BCH 100 (4) BCH 110A (4)	BCH 100 (4)	BCH 100 (4)	F

*MATH 5 is acceptable if taken prior to FALL 2022.

**MATH 9 series is acceptable if taken prior to FALL 2017.

***STAT 100A/100B is acceptable if taken prior to FALL 2021.

+SUMMER COURSE OFFERINGS the "&" statement indicates courses are offered in both summer sessions, and student enrollment is required for only one session. Letter indicates length of session. Please refer to the Summer Sessions website at: [Summer Sessions | UC Riverside](#) for more information.

++ Beginning Fall 2025 CHEM 8C & 8LC are no longer required for the biology major. CHEM 8C & 8LC are now course options in the Biology Related Fields requirement.

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