

Biochemistry and Molecular Biology Major Checklist (45 cr.)

PROGRAM CHAIR: Dr. Michael J. Wolyniak, Pauley 220, 434-223-6175, is currently program chair for the BCMB program. All students interested in majoring in BCMB [Biochemistry and Molecular Biology] are requested to see Dr. Wolyniak and Biology or Chemistry faculty members during their freshman year to discuss their program of study.

- _____ CHEM 110/151 (4) (fall)
- _____ CHEM 221/152 (4) (spr.)
- _____ CHEM 230 and 251 (4) (fall)
- _____ CHEM 231 (3) (spr.)
- _____ CHEM 335 (3) or BIOL 311 (3) (fall-even yrs.)
- _____ CHEM 336 (3) (spr.- odd yrs)
- _____ CHEM 340 (3) (fall)
- _____ CHEM 351 (2) (fall)
- _____ CHEM 352 (2) (spr.)
- _____ BIOL 110/151 (4)
- _____ BIOL 201 (4)
- _____ BIOL 304 (4)
- _____ BIOL 358 (1)
- _____ BIOL 310, 313, 321, 323, or 324 (4)

For students interested in pursuing topics related to Biochemistry and Molecular Biology in graduate school, the following courses are recommended:

- _____ CHEM 252 (often taken with CHEM 231)
- _____ CHEM 341 (3) (spr.)
- _____ CHEM 440 (3) (fall)
- _____ CHEM 441 (3) (spr.)
- _____ MATH 121 (4)
- _____ BIOL 310, 313, 321, 323, and/or 324 (4)

Important information for majors:

- Majors planning to pursue graduate or professional studies should speak with Biology or Chemistry faculty as soon as possible to determine which other courses (e.g., calculus, physics, organic chemistry) should be taken.
- Research and internship experiences are becoming increasingly important. You should start thinking about these by your sophomore year at the **latest**.

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Successful completion of the above items does not alone guarantee that graduation requirements have been met. Please see advisor.

Last updated 07/23