

Sample Biology Roadmap: Accelerated MAT

The following is one potential roadmap to prepare for a career in teaching and complete the accelerated MAT program in the Biology major. It is only a suggestion; students have successfully completed the accelerated MAT program using a variety of course schedules. Some choose to reduce their course load each semester by taking summer courses. **Students should consult their advisors and programs of interest to plan their academic schedule.**

Freshman Year

Fall (15 credits)	Spring (15 credits)
ACAD 101 (1) WRIT 101 (3) BIOL 202 (0) BIOL 220 or 221 (3) and BIOL 222* or 223 (1) CHEM 104 (3) EDCO 101 (1) Gen Ed required(3)	HMXP 102 (3) BIOL 220 or 221 (3) and BIOL 222 or 223* (1) MATH 150 or 151 (3) CHEM 105 (4) Physical Education course (1)

*BIOL 270 SEA-PHAGES Lab (2) can replace BIOL 222 in Fall semesters. BIOL 271 SEA-PHAGES Lab (2) can replace BIOL 223 in Spring semesters.

Sophomore Year

Fall (16 credits)	Spring (14-15 credits)
CRTW 201 (3) BIOL 300 (4) CHEM 108 (2) EDCO 200 (3) Foreign Language 101 (4)	BIOL 316 (3) or BIOL 317 (4) EDCO 201/202 (4) Gen Ed required (3) Foreign Language 102 (4) <i>Apply to Teacher Education Program</i>

Junior Year

Fall (14 credits)	Spring (13-14 credits)
MATH 141 or other if took 150 (3) BIOL 315 (4) BIOL 307 (4) BIOL 491 (0) Gen Ed required (3)	BIOL 492 (0) BIOL (Ecology based course) (3-4) BIOL 308 (4) READ 346 (3) Gen Ed required (3)

Senior Year

Fall (16-17 credits)	Spring (14-17 credits)
BIOL 513* (3) BIOL Area C course (3-4) READ 346 (3) PHYS 201/201L (4) Gen Ed required (3) <i>Take Praxis (or summer before)</i>	BIOL 480 (3) GEOL 110/113 or 210/211 (3-4) BIOL electives (to get 42 BIOL hours) (0-3) SCIE 390 (1) PHYS 202/202L (4) Elective (0-3) <i>Apply to MAT Accelerated program by Feb 15th</i>

Notes:

- EDCO 200 will count as a Social Science General Education course.
- Make sure one General Education course also counts as Constitution requirement.
- Be sure to pay attention to >299 hours. Minor and degree account for 34 of the 40 required hours, but must be sure to get the remaining six to graduate.
- BIOL 513 only offered in Fall. Must be taken for graduate credit and has prereq of Genetics.
- PHYS 201 only offered in Fall and 202 only offered in Spring.
- If interested in middle level add on certification (grades 6-8), could take MLED 300 and/or 310 as elective(s). If can't fit both in, can take other at graduate level. This also helps with >299.