

## 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 (1) BIOL 220 or 221 (3) and BIOL 222* or 223 (1) CHEM 201(4) EDCO 101 (1) Physical Education course (1)	HMXP 102 (3) BIOL 220 or 221 (3) and BIOL 222 or 223* (1) CHEM 202 (3) and 204 (2) EDCO 200 (3)

\*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 (16-17credits)	Spring (14-15 credits)
CRTW 201 (3) EDCO 201/202 (4) BIOL 316 (3) or BIOL 317 (4) Foreign Language 101 (4)	BIOL 300 (4) GEOL 110/113 or 210/211 (3-4) Foreign Language 102 (4) MATH 150/141 (3) <i>Apply to Teacher Education Program</i>

### Junior Year

Fall (14.5- 15.5 credits)	Spring (13.5--14 .5 credits)
MATH 141 or other if took 150 (3) BIOL 315 (4) or 320 (3) BIOL 307 (4) BIOL 390 (0.5) Required Gen Ed (3)	BIOL 490 (0.5) BIOL (Ecology based course) (3-4) BIOL 308 (4) Required Gen Ed (3) Required Gen Ed (3)

### Senior Year

Fall (16-17 credits)	Spring (12-16 credits)
BIOL 513* (3) BIOL Area C course (3-4) READ 346 (3) PHYS 201/201L (4) Required Gen Ed (3)  <i>Take Praxis (or summer before)</i>	BIOL 480 (3) BIOL Area D (to get 44 BIOL hours) (1-5) SCIE 390 (1) PHYS 202/202L (4) Required Gen Ed (3)  <i>Apply to MAT Accelerated program by Feb 15th</i>

### Notes:

- **Total hours need to add up to 120.**
- EDCO 200 will count as a Social Science General Education course.
- Make sure one General Education course also counts as Founding Documents (Constitution) requirement.
- Be sure to pay attention to >299 hours. Minor (4) and minimum required BIOL hours (35) account for 39 of the 40 >299 required hours, but must be sure to get the remaining one 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 500 and/or 510 as elective(s). If can't fit both in, can take other during MAT year. This also helps with >299.
- If interested in adding Gifted and Talented Endorsement, could take EDCI 594 and 529. Some districts give preferential treatment to those with this endorsement if you want to teach any Honors classes (vs College Prep). Can also take one/both during MAT year if cannot fit into undergraduate schedule. This also helps with >299.