

# Biology Teacher Certification Academic Map 2025-2026

Name: \_\_\_\_\_

This academic map is a suggested four-year schedule of courses based on degree requirements in the GGC catalog. This sample schedule serves as a general guideline to help build a full schedule each term. **Missing milestones could delay your program.**

ID: \_\_\_\_\_

FRESHMAN FALL		FRESHMAN SPRING		FRESHMAN SUMMER
<input type="checkbox"/> English Composition I ENGL 1101	3	<input type="checkbox"/> English Composition II ENGL 1102	3	<b>VOLUNTEER</b>  <b>GET A JOB</b>  <b>PLAN TO STUDY ABROAD</b>  *SUGGEST SUMMER CLASSES IF UNABLE TO FUFILL GIVEN CLASSES
<input type="checkbox"/> Pre-Calculus MATH 1113	4	<input type="checkbox"/> U.S. History HIST 2111 or 2112	3	
<input type="checkbox"/> Principles of Chemistry I with Laboratory CHEM 1211K	4	<input type="checkbox"/> Principles of Chemistry II with Laboratory CHEM 1212K	4	
<input type="checkbox"/> Principles of Biology I with Laboratory BIOL 1107K	4	<input type="checkbox"/> Principles of Biology II with Laboratory BIOL 1108K	4	
<input type="checkbox"/> Choices for Life PHED 1101	1	<input type="checkbox"/> Contemporary Issues in Education EDUC 2110	3	
<input type="checkbox"/> Physical Education Any PHED except 1101	1			
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>17</b>	
<b>RUNNING TOTAL</b>	<b>17</b>	<b>RUNNING TOTAL</b>	<b>34</b>	
SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER
<input type="checkbox"/> Exploring Socio-Cultural Perspectives EDUC 2120	3	<input type="checkbox"/> Introduction to Computing ITEC 1001	4	<b>VOLUNTEER</b>  <b>GET A JOB</b>  <b>PLAN TO STUDY ABROAD</b>  *APPLY TO SOE EPP (LATE FALL TO BE COMPLETED EARLY SPRING); SEEK ADVICE FROM ADVISOR OR BIOLOGY DEPARTMENT CHAIR  <b>PREPARE FOR GACE CONTENT EXAM</b>
<input type="checkbox"/> Humanities/Fine Arts II RELN 1100 / GEOG 1101 / 2000-Level Foreign Language	3	<input type="checkbox"/> Organic Chemistry II with Laboratory CHEM 2212K	4	
<input type="checkbox"/> Organic Chemistry I with Laboratory CHEM 2211K	4	<input type="checkbox"/> Social Science PSYC 1102 / SOCI 1101 / ANTH 1102 / ECON 2100	3	
<input type="checkbox"/> Cell Biology with Laboratory BIOL 3400K	4	<input type="checkbox"/> General Biology Elective BIOL 3100K, BIOL 3010K, BIOL 3020K, BIOL 3300K, BIOL 3310K, OR BIOL 3600K	4	
<input type="checkbox"/> Exploring Teaching and Learning EDUC 2130	3	<input type="checkbox"/> Physical Education Any PHED except 1101	1	
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>16</b>	
<b>RUNNING TOTAL</b>	<b>51</b>	<b>RUNNING TOTAL</b>	<b>67</b>	
JUNIOR FALL		JUNIOR SPRING		JUNIOR SUMMER
<input type="checkbox"/> Humanities/Fine Arts I MUSC 1100 / ARTS 1100 / ENGL 21XX / FILM 1005	3	<input type="checkbox"/> Middle Grades and Secondary Science Methods EDUC 3630	2	<b>VOLUNTEER</b>  <b>GET A JOB</b>
<input type="checkbox"/> Genetics BIOL 3200K	4	<input type="checkbox"/> Secondary Education Practicum II EDUC 3605	1	
<input type="checkbox"/> Characteristics of Students with Special Needs P-12 SPED 3100	3	<input type="checkbox"/> Physics and Earth Sciences ISCI 2500	2	
<input type="checkbox"/> Teaching and Learning in the Secondary Classroom EDUC 3400A	3	<input type="checkbox"/> Content Area Literacies READ 3400	3	
<input type="checkbox"/> Grades 6-12 Field I EDUC 3400B	1	<input type="checkbox"/> Digital Age Teaching Seminar EDUC 3700	1	
<input type="checkbox"/> Biology Elective BIOL 3900 or BIOL 4700	3	<input type="checkbox"/> Evolution BIOL 3000	3	
<b>TOTAL</b>	<b>17</b>	<input type="checkbox"/> Ecology with Laboratory BIOL 3500K	4	
<b>RUNNING TOTAL</b>	<b>84</b>	<b>TOTAL</b>	<b>16</b>	
		<b>RUNNING TOTAL</b>	<b>100</b>	
SENIOR FALL		SENIOR SPRING		GRADUATION
<input type="checkbox"/> Instructional Adaptation in Grades 6-12 EDUC 4600A	3	<input type="checkbox"/> Student Teaching: Professional Practices EDUC 4835A	4	<b>GRADUATION IN MAY!</b>
<input type="checkbox"/> Educational Assessment in Grades 6-12 EDUC 4600B	3	<input type="checkbox"/> Student Teaching: Planning and Assessment EDUC 4835B	4	
<input type="checkbox"/> Grades 6-12 Practicum EDUC 4600C	2	<input type="checkbox"/> Leadership Seminar EDUC 4800	1	
<input type="checkbox"/> Opening School Experience: Biology EDUC 4030	0	<input type="checkbox"/> Information Technology ITEC 2110 or ITEC 2120	4	
<input type="checkbox"/> American Government POLS 1101	3			
<input type="checkbox"/> History HIST 1111, 1112, 1121, 1122, 2111, or 2112 (take one not already completed)	3			
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>13</b>	
<b>RUNNING TOTAL</b>	<b>114</b>	<b>RUNNING TOTAL</b>	<b>127</b>	

This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information. Specific summer courses may not be offered as planned. This map was created based on the GGC Program requirements.*