B.S. Biology – Teacher Certification

2016-2017 Catalog

This plan is an unofficial document used for advisement only.

How to use this program plan: Write the grade for the course that satisfies each requirement. If the student takes a course that is chosen from a list of possible courses, circle the course number taken in addition to writing the grade.

General Education: (60 hours)

School Grade

Area A - Essential Skills: (9 hours)

("C" or better)

ENGL 1101 English Composition I
ENGL 1102 English Composition II
MATH 1113 Pre-Calculus or MATH 2200

Area B - Institutional Option (4 hours)

ITEC 1001 Introduction to Computing

Area C - Humanities/Fine Arts (6 hours)

Select one from the following:
MUSC 1100/ARTS 1100/ENGL 2111, 2112, 2121, 2122, 2131, 2132/FILM 1005
Select one from the following:
RELN 1100/GEOG 1101/2000 Level Foreign lang.

Area D – Natural Sciences, Math, Technology (11 hours)

CHEM 1211K and 1212K
Select one from the following:
ITEC 2110 Digital Media
ITEC 2120 Intro to Programming

Area E – Social Science (12 hours)

POLS 1101 American Government
HIST 2111 or HIST 2112 U.S. History I & II
Select one course:
HIST 2111 (if not used above)
HIST 2112 (if not used above)
HIST 1111 World History I
HIST 1112 World History II
HIST 1121 Western Civ I
HIST 1122 Western Civ II
Select one of the following:
PSYC 1102/SOCI 1101/ANTH 1102/ECON2100

Area F – Courses Related to the Program of Study (18 hours) ("C" or better)

BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II
CHEM 2211K Organic Chemistry I
CHEM 2212K Organic Chemistry II

Additional Requirements (3 hours)

Physical Education Requirement

Choices for Life (1 hour)
Additional Physical Education (2 hours)

Regents Requirements – The requirements for US and Georgia History and Constitution can be satisfied by transfer credit of HIST 2111 OR 2112 and POLS 1101 from a University System of Georgia institution. If not satisfied, the student should work with their adviser concerning exemption exams or can complete the courses.

US Constitution
US History

Additional Requirements

Admission to Teacher Education

Program of Study: (65 hours) Grade of “C” or Better

(39 hours must be at the 3000-4000 level)

Required Biology Courses (15 hours)

BIOL 3000 Evolution
BIOL 3200K Genetics
BIOL 3400K Cell Biology
BIOL 3500K Ecology

Biology/Biochemistry Electives (7 hours)

Select one from the following:
BCHM 3100K Biochemistry
BIOL 3010K Human Anatomy
BIOL 3020K Human Physiology
BIOL 3300K Microbiology
BIOL 3310K Botany
BIOL 3600K Zoology

Select one from the following:
BIOL 3900 Biotechnology
BIOL 4700 Interdisciplinary Application of Biology

Other Required Science Course (2 hours)

ISCI 2500 Physics and Earth Science

Required Education Courses (41 hours)

(Formal Admission to Teacher Education Required)

EDUC 2110 Exploring Critical & Contemporary Issues in Education*
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts*
EDUC 2130 Exploring Learning and Teaching*
EDUC 3300 Contexts for Learning
EDUC 3350 Models of Teaching and Learning
READ 3400 Content Area Literacies
EDUC 3600 Teaching Methods in Gr. 6-12
EDUC 4030 Opening of School Experience: Biology
EDUC 4500 Assessment
EDUC 4550 Instructional Adaptation
EDUC 4800 Leadership Seminar
EDUC 4835A Student Teaching: Prof Prac BIOL
EDUC 4835B Student Teaching: Plan & Asses BIOL

*required prior to Admission to Teacher Education

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