

Science Education, Secondary

Bachelor of Science in Education

DEGREE PLAN

Common Core 36-38 Hours

CORE CAPSTONE 0

GNED 3000	Core Capstone	0
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BIBLICAL LITERACY 6

BIBL 1013	Introduction to Christian Scripture	3
BIBL 1023	Christian Theology and Ethics	3

COMPOSITION AND LITERATURE 6

ENGL 1153	English Composition: Exposition and Argument	3
ENGL 1163	English: Composition and Classical Literature	3

SCIENTIFIC LITERACY AND MATHEMATICS 8-10

MATH 1173	College Trigonometry	3
or MATH	MATH above 1173	

SELECT ONE OPTION

CHEM 1054	Introduction to Chemistry I	4
CHEM 1063	Introduction to Chemistry II	3
or		
CHEM 1105	General Chemistry I	5

WELLNESS AND LIFELONG FITNESS 1

PHED 1001	The Wellness Lifestyle	1
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HISTORY AND LITERATURE 12

ENGL 2013	European Civilization: Literature	3
and HIST 2013	European Civilization: History	3

ENGL 2023	Modern West: Literature	3
and HIST 2023	Modern West: History	3

PHILOSOPHY AND FINE ARTS — SELECT ONE COURSE 3

FNAR 2063	Arts and Western Culture	3
FNAR 2163	Arts and Ideas	3
PHIL 1043	Introduction to Philosophy	3

Supportive Core 11 Hours

CHEM 1115	General Chemistry II	5
---	TESOL or World Language	3

SELECT ONE COURSE

---	Anthropology Course	3
---	Criminal Justice	3
---	Economics Course	3
---	Philosophy Course	3
---	Political Science Course	3
---	Psychology Course	3
---	Sociology Course	3

Science Education, Secondary 37 Hours

AREA OF SPECIALIZATION 37 HOURS

BIOL 2034	Plant Biology	4
BIOL 3144	Animal Biology	4
CHEM 3104	Organic Chemistry I	4
GNSC 1001	Computing for Science I	1
GNSC 2204	Earth Science	4
GNSC 2304	Environmental Science	4
	Science Courses*	16

Professional Education 34 Hours

EDUC 1051	Cornerstone of Teacher Education	1
EDUC 2113	Principles of Secondary Education	3
EDUC 3143	Adolescent Development	3
EDUC 3203	Educational Psychology (PSYC 3203)	3
EDUC 3502	Principles of Middle School Education	2
EDUC 3723	Classroom Management 6-12	3
EDUC 3983	Special Methods of Teaching, Secondary	3
EDUC 4538	Student Teaching in the Secondary School	10
EDUC 4743	Pedagogy and Assessment Seminar	3
SPED 3023	Introduction to Children with Exceptionalities	3

Electives 0-2 Hours

Courses selected on the basis of student interest on consultation with faculty advisor.

Total Hours

Common Core	36-38
Supportive Core	11
Science Education, Secondary	37
Professional Education	34
Electives	0-2

Total hours required for graduation 120

* Sixteen Hours in Science. At least one course must be in each of BIOL and PHYS prefix. Students with physics emphasis may substitute calculus courses for eight of these science hours.

No D's will be accepted in the area of concentration and the supportive courses or in courses comprising majors and minors. Program must include at least 30 hours of courses at the 3000-4000 level.