

Salish Kootenai College
Bachelor of Science in Secondary Education – Broadfield Science
Catalog Year 2013-2014 (Revised 061113)

First Year Courses

	Credits	Grade	Term Taken	Comments/Transfer Info
Fall - First Year				
ENGL 101 - English Composition I	3			
MATH 241 – Statistics	5			
BIOS 101 – General Biology	4			
BIOS 102 – Biology Lab	1			
List A – NAS – FAH or NAS - LANG	3			
Total Credits: 16 Quarter Credits				
Winter - First Year				
ENGL 202 - English Composition II	3			
MATH 108 - Advanced Functions & Modeling	3			
List C – SS - (SCID 101 recommended)	5			
BIOS 130 - Elementary Microbiology	4			
BIOS 131 - Elementary Microbiology Lab	1			
Total Credits: 16 Quarter Credits				
Spring - First Year				
NASD 101- History of Indians in the U.S.	3			
MATH 109 - Trigonometry	3			
HMNT 101 – Intro to Humanities	3			
BIOS 112 – Introduction to Botany	4			
BIOS 113 – Introduction to Botany Lab	1			
SPCH 100 - Basic Communication	3			
Total Credits: 17 Quarter Credits				

Second Year Courses

	Credits	Grade	Term Taken	Comments/Transfer Info
Fall - Second Year				
List B – EXPR – ART - OPEN	3			
MATH 110 – Calculus I	5			
CHEM 150 – Principles of General Chemistry	3			
CHEM 151 - Principles of General Chemistry Lab	2			
EDUC 240 - Human Growth & Development	4			
Total Credits: 17 Quarter Credits				
Winter - Second Year				
CHEM 152 – Principles of Chemistry II	3			
CHEM 153 – Principles of Chemistry II Laboratory	2			
EDUC 235 – Introduction to American Indian Education	3			
ENVS 203 - Weather and Climate	3			
EDUC 206 - Introduction to Secondary Science Teaching	3			
EDUC 220 - Parent and Community Partnership	3			
Total Credits: 17 Quarter Credits				
Spring - Second Year				
CHEM 140 – Fundamentals of Organic & Bio Chemistry	5			
BIOS 260 – Principles of Ecology	3			
BIOS 261 - Principles of Ecology Lab	2			
EDUC 178 - Exploratory Field Experience	1			
EDUC 203 – Foundations of Education	5			
Total Credits: 16 Quarter Credits				

Transition to Teacher Professional Dispositions Seminar

This is a required seminar that all potential teacher candidates must complete prior to formal admission to the Teacher Education Program and the BSSE. Generally, it occurs during the summer, prior to the start of the academic year

Third Year Courses

	Credits	Grade	Term Taken	Comments/Transfer Info
Fall - Third Year				
EDUC 250 - Educational Psychology	3			
EDUC 306 - Technology in Secondary Ed	2			
PHYS 201 – College Physics I	5			
EDUC 394 - Teaching Science in Secondary Classroom I	2			
LFSC 320 - Mammalian Physiology	5			
Total Credits: 17 Quarter Credits				
Winter - Third Year				
EDUC 307 - Curriculum, Planning and Assessment	4			
NASD 210 - Indigenous Science	3			
PHYS 203 - College Physics II	5			
LFSC 330 – Genetics and Adaptation	5			
Total Credits: 17 Quarter Credits				
Spring- Third Year				
EDUC 311 - Cultures, Diversity and Educational Ethics	3			
EDUC 312 - CDEE Practicum	1			
EDUC 315 - Health, Safety and Drug Awareness	3			
ASTR 110 - Astronomy	5			
PHYS 205 - College Physics III	5			
Total Credits: 17 Quarter Credits				

Fourth Year Courses

	Credits	Grade	Term Taken	Comments/Transfer Info
Fall – Fourth Year				
EDUC 276 - Teach and Assess Exceptional Learners	5			
EDUC 277 - Teach and Assess Except Learners Lab	1			
GEOG 101 - Physical Geology	4			
GEOG 102 - Physical Geology Laboratory	1			
EDUC 310 – Secondary Classroom Management	2			
EDUC 342 - Literacy Strategies in Secondary Education	3			
EDUC 343 – Literacy in Secondary Education Practicum	1			
Total Credits: 17 Quarter Credits				
Winter – Fourth Year				
HPED 125 - First Aid and CPR	1			
SCID 301 – Conducting and Reporting Scientific Research	3			
BIOS 410 - Conservation of Biodiversity	3			
List J – SS - Advanced Elective	3			
EDUC 395 - Teaching Science in Secondary Classroom II	2			
EDUC 396 - Teaching Science Practicum	1			
List G – FA – OPEN or HUM - ADVANCED	3			
Total Credits: 16 Quarter Credits				
Spring - Fourth Year				
EDUC 491 - Student Teaching in Secondary Ed	12			
EDUC 495 - Reflective Practice/Research in Educ.	2			
Total Credits: 14 Quarter Credits				

As part of the BSSE degree, students are required to complete an original scientific research project. The project will be reported in a student generated paper written during the course SCID 301 – “Conducting and Reporting Scientific Research”, typically taken during their senior year. It is recommended that students complete the project between the end of their sophomore year and the beginning of their senior year in preparation for writing the research paper.

Total credits for the BSSE = 197