



Associate/Bachelor of Science in Biology with Secondary Education Certification University Centered Career Pathway 2022 – 2023 Catalog



Del Rio | Eagle Pass | Uvalde

Student Name: _____

SWTJC Student ID#/Email: _____

Student Signature: _____

Advisor: _____

By checking this box, you agree to allow Southwest Texas Junior College (SWTJC) to share your directory information with Sul Ross State University-DR|EP|UV for the purpose of tracking and transfer assistance that is part of the SWJTC/SRSU-DR|EP|UV Memorandum of Understanding. SWTJC and SRSU-DR|EP|UV will not share this information with any third-party members.

Bridging Semester		sch	or			sch
EDUC 1300	STEM Learning Framework ⁰	3		COLS 0300	College Success Skills ¹	3
SWTJC Fall Semester Year 1		sch		SWTJC Spring Semester Year 1		sch
ENGL 1301	Composition I	3		ENGL 1302	Composition II	3
HIST 1301	U. S. History I	3		HIST 1302	U.S. History II	3
BIOL 1306	Biology for Science Majors I	3		BIOL 1307	Biology for Science Majors II	3
BIOL 1106	Biology for Science Majors I Lab	1		BIOL 1107	Biology for Science Majors II Lab	1
CHEM 1311	General Chemistry I	3		CHEM 1312	General Chemistry II	3
CHEM 1111	General Chemistry I Lab	1		CHEM 1112	General Chemistry II lab	1
		14		MATH 1314	College Algebra	3
						17
SWTJC Fall Semester Year 2		sch		SWTJC Spring Semester Year 2		sch
GOVT 2305	Federal Government	3		GOVT 2306	Texas Government	3
MATH 1316/2312	Plane Trigonometry or Pre-Calculus	3		CHEM 2423	Organic Chemistry	4
SPCH 1315	Public Speaking	3		Core:	Language, Philosophy & Culture ²	3
PHYS 1411/2405	College or University Physics I & Lab	4		Core:	Social & Behavioral Sciences ³	3
		13		Core:	Creative Arts ⁴	3
						16
SWTJC Core: 42 + 18 transferable sch = 60				ASSOCIATES OF SCIENCE (AS) SWTJC Total 60. sch		

SRSU-DR EP UV Fall Semester Year 3		sch	or	SRSU-DR EP UV Spring Semester Year 3		sch
BIOL 24XX	Sophomore Biology ⁵	4		BIOL 24XX	Sophomore Biology ⁵	4
BIO 3306	Genetics	3		BIO 4301	Cell Biology	3
BIO 3/4XXX	Advance Biology ⁶	3-4 ⁷		BIO 3/4XXX	Advanced Biology ⁶	3-4 ⁷
MATH 1342	Elementary Statistical Methods	3				10-11
		13-14				
SRSU-DR EP UV Fall Semester Year 4		sch		SRSU-DR EP UV Spring Semester Year 4		sch
BIO 3302	Evolution	3		BIO 3307	Animal Behavior	3
BIO 3/4XXX	Advanced Biology ⁶	3-4 ⁷		BIO 3/4XXX	Advanced Biology ⁶	3-4 ⁷
BIO 3/4XXX	Advanced Biology ⁶	3-4 ⁷		BIO 4301	Biology Senior Review	1
		9-11				7-8
Professional Education Courses^{8, 9}						
EDSR 3300	Pedagogy & Professional Responsibility	3		EDSR 4314	Reading Skills for Content Subjects	3
EDSR 3301	Planning, Instruction, & Assessment	3		EDSR 4322	Classroom Management	3
EDSR 3302	Developmental & Learning Theories	3		EDSR 4605	Student Teaching in the Secondary School	6
EDSR 3303	Methods & Materials for the Classroom	3				12
		12		Bachelor of Science in Biology SRSU-DR EP UV		
SRSU-DR EP UV Total = 60-63				Total 123-128 sch		

⁰EDUC 1300 required of all first-time college students, not applicable towards degree requirement.

¹COLS 0300 required for students with TSI deficiencies, not applicable towards degree requirement.

² Selected from SWTJC Language Philosophy & Culture core courses.

³ Selected from SWTJC Social & Behavioral Sciences core courses.

⁴ Selected from SWTJC Creative Arts core courses.

⁵ BIOL 2401 Anatomy & Physiology I or BIOL 2402 Anatomy & Physiology II or BIOL 2406 Environmental Biology or BIOL 2421 Microbiology of Science Majors

⁶ Five additional advanced biology courses, 3000 or 4000 level.

⁷ If 3-credit options for Advanced Biology requirements are chosen, the credit deficiencies must be made up in electives to ensure a minimum of 120 SCH

⁸ Students must be admitted into the Teacher Education program prior to enrollment in Professional Education courses

⁹ Students must complete ENGL 3312 (B or better) to be admitted to the Teacher Education Program

Requirements for SRSU-DR|EP|UV Campuses Degree:

- Students must be core complete prior to acceptance at SRSU
- A minimum of 120 semester credit hours
- A minimum of 36 semester credit hours of advanced course work

- Cumulative GPA of 2.0 or better
- Cumulative GPA for major and minor, 2.0 or better.
- No grade less the "C" can be used to fulfill biology course requirements.