

# Core Curriculum for an Associate in Science Degree -

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2023-24



## I. English Composition

Courses in English composition will emphasize the practice of critical reading and effective writing.

Select two courses: 6 credit hours

Item #	Title	Credits
ENGL 121	Freshman Composition	3
ENGL 220	Research Writing	3
	Sub-Total Credits	6

## II. Mathematics

Courses in mathematics will emphasize quantitative and deductive reasoning, problem solving and logical thinking, organizational and systematic thinking, and the application of mathematics to various life situations.

Select one course: 3 credit hours

Item #	Title	Credits
MATH 110	College Algebra	3
MATH 115	Mathematics in Society	3
MATH 116	Mathematics and Humanity	3
MATH 131	Applied Mathematics	3
MATH 141	Introduction to Probability and Statistics	3
MATH 180	Precalculus	4
MATH 181	Calculus I	4
	Sub-Total Credits	3

## III. Whole-Person Wellness

Courses in fitness activity will emphasize practical knowledge and practices that will promote life-long whole-person wellness.

Select two courses: 1 credit hours

Item #	Title	Credits
	KINA XXX	1
	Sub-Total Credits	1

## IV. Humanities

Courses in the humanities will emphasize a reflection on the human experience and human condition through literary texts and artistic forms.

Select one course: 3 credit hours

Item #	Title	Credits
ARTS 135	Introductory Studio Ceramics	1-3
ARTS 222	Art Appreciation	3
	ENGL 221 or ENGL 222	3
	ENGL 231 or ENGL 232	3
HIST 221	History of Western Art	3
MUHL 221	Survey of Music	3
	Sub-Total Credits	3

## V. Life and Physical Science

Courses in science will emphasize understanding and application of everyday phenomena. Laboratories will be discovery based and emphasize the development and testing of hypotheses, or they may expose students to observational experiences that enhance scientific understanding.

Select one course: 4 credit hours

Item #	Title	Credits
	BIOL 101 or 102	4
BIOL 103	Human Biology	4
BIOL 111	General Biology I	4
BIOL 112	General Biology II	4
BIOL 220	Microbiology and Immunology	4
BIOL 225	Field Biology	4
CHEM 105	Survey of Chemistry	4
CHEM 111	General Chemistry I	4
GEO 240	The Dinosaurs	4
PHYS 101	Introductory Physics	4
PHYS 112	Introductory Astronomy	4
PHYS 114	Physical Science	4
PHYS 121	General Physics I	4
	Sub-Total Credits	4

## VI. History and Social Science

Courses in history and social science are designed to give students a broad understanding of the sweep of world historical, governmental, and cultural events. Through reading, lectures, discussions, and writing, these courses will enhance the critical abilities of students by providing tools and practices that are universal in application. Ultimately, students should be better able to understand contemporary events by grasping how historical, political, and cultural events have combined to create the world in which they live.

Select one course: 3 credit hours

Item #	Title	Credits
HIST 111	United States History to 1865	3
HIST 112	United States History from 1865	3
HIST 225	World Civilizations I	3
HIST 226	World Civilizations II	3
HIST 242	Historical and Political Geography	3
ECON 211	Macroeconomics	3
ECON 212	Microeconomics	3
POLS 211	National and Texas Constitutions	3
PSYC 212	General Psychology	3
PSYC 220	Human Growth & Development	3
SOCI 111	Introduction to Sociology	3
	Sub-Total Credits	3

## VII. Religion

Courses in biblical studies will introduce the student to practical methods of Bible study, critical evaluation of scholarship and interpretation, and the richness and depth of the biblical text. Courses in theology will engage the student in a systematic approach to biblical matters, will have students explore different perspectives and relevant issues, and guide students to formulate personal viewpoints and positions. Courses in historical studies trace the origin and development of the Bible, Christianity, Seventh-day Adventism, and other religions.

Select two courses: 6 credit hours

Transfer students from a non-SDA college must complete one course for each academic year in attendance, with a minimum of 2 courses (one in Biblical Studies).

Item #	Title	Credits
RELB 211	Life and Teachings of Jesus	3
RELH 230	History of the Seventh-day Adventist Church	3
RELH 233	Biblical Archaeology	3
RELT 101	Christian Beliefs	3
RELT 201	Bible Study Methods	3
RELT 212	Introduction to Christian Ethics	3
	Sub-Total Credits	6

## IX. Competence in Communication

Students completing a degree must be proficient in the application of the principles of effective oral communication including discussion techniques and public presentations. Proficiency will be determined by the completion of a department designated course or courses.

*The Bulletin description of approved courses includes the statement "This course fulfills the Communication Competency requirement as specified in the Core Curriculum." Unless specified in the major, the following courses meet the proficiency requirement:*

Item #	Title	Credits
COMM 111	Speech	3
COMM 115	Group Communication	3
	Sub-Total Credits	3

# Sample 4 Year Curriculum

## General Education Requirements

To view general education requirements for this major please visit: <https://catalog.swau.edu/core-curriculum-for-a-bachelors-degree>