

Core Curriculum for an Associate in Science Degree -

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 |

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 |

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 |

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 |
| ENGL 272 | Introduction to Drama | 3 |
| HIST 221 | History of Western Art | 3 |
| MUHL 221 | Survey of Music | 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 |
| GEOL 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 |

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 |

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 |

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 |
| | Total credits: | 29 |

Category Descriptions

KINA XXX

Credits: 1

| Item # | Title | credits |
|----------|------------------------------|---------|
| KINA 111 | Physical Fitness | 1 |
| KINA 112 | Aerobics | 1 |
| KINA 115 | Resistance Training | 1 |
| KINA 116 | Fitness Walking | 1 |
| KINA 122 | Futsal (Indoor Soccer) | 1 |
| KINA 124 | Basketball | 1 |
| KINA 125 | Volleyball | 1 |
| KINA 131 | Swimming | 1 |
| KINA 141 | Badminton | 1 |
| KINA 142 | Tennis | 1 |
| KINA 145 | Racquetball | 1 |
| KINA 212 | Advanced Aerobics | 1 |
| KINA 213 | Pilates | 1 |
| KINA 215 | Advanced Resistance Training | 1 |
| KINA 222 | Soccer Team | 1 |
| KINA 224 | Basketball Team | 1 |
| KINA 225 | Volleyball Team | 1 |
| KINA 229 | Gymnastics Team | 1 |
| KINA 231 | Advanced Swimming | 1 |
| KINA 233 | Water Aerobics | 1 |
| KINA 234 | Lifeguard Training | 1 |
| KINA 236 | Disc Golf | 1 |
| KINA 242 | Advanced Tennis | 1 |
| KINA 246 | Inline Hockey | 1 |
| KINA 247 | Golf | 1 |
| KINA 248 | Advanced Racquetball | 1 |
| KINA 255 | Floorball | 1 |
| KINA 256 | Advanced Floorball | 1 |

ENGL 221 or ENGL 222

Credits: 3

| Item # | Title | credits |
|----------|---|---------|
| ENGL 221 | World Masterpieces: Ancient to Enlightenment | 3 |
| ENGL 222 | World Masterpieces: Enlightenment to Contemporary | 3 |

ENGL 231 or ENGL 232

Credits: 3

| Item # | Title | credits |
|----------|------------------------|---------|
| ENGL 231 | American Literature I | 3 |
| ENGL 232 | American Literature II | 3 |

BIOL 101 or 102

Credits: 4

| Item # | Title | credits |
|----------|-------------------------|---------|
| BIOL 101 | Anatomy & Physiology I | 4 |
| BIOL 102 | Anatomy & Physiology II | 4 |