

INTERDISCIPLINARY STUDIES

Associate of Science

The Associate of Science Degree field of study in Interdisciplinary Studies provides students with a broad-based education in "college basics" that promotes critical thinking skills and allows for an opportunity to make an informed choice in educational preferences. The program offers transferable field of study selections in life science, physical science, computer applications, engineering, mathematics, and allied health sciences. This flexibility aspect of the field of study for this degree allows students the ability to develop individualized transfer pathways that can be used towards the successful completion of a Baccalaureate Degree in any science related discipline. Students are strongly advised to work closely with a student success specialist, program chair, or faculty advisor to select the courses and to map the course sequence needed for their specific academic interest.

Program Learning Outcomes

1. Critical Thinking Skills - creative thinking, innovation, inquiry, and analysis, evaluation, and synthesis of information.
2. Communication Skills - effective development, interpretation and expression of ideas through written, oral and visual communication.
3. Empirical & Quantitative Skills - manipulation and analysis of numerical data or observable facts resulting in informed conclusions.
4. Teamwork - ability to consider different points of view and work effectively with others to support a shared purpose or goal.
5. Personal Responsibility - ability to connect choices, actions and consequences to ethical decision-making.
6. Social Responsibility - intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities.

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Field of Study - 18 credit hours

Select a minimum of 18 hours of Field of Study courses¹ 18

STC Core Curriculum - 42 credit hours

Complete 42 credit hours of required Core Curriculum² 42

Mathematics

MATH 1414	College Algebra
MATH 1442	Elementary Statistical Methods
MATH 2412	Pre-Calculus Math
MATH 2413	Calculus I

Total Credit Hours 60

- ¹ The Field of Study courses must be chosen from two (2) or more AA or AS field of study.
- ² In addition to the courses in the Field of Study, the student is required to take 42 credit hours from the STC Core Curriculum. These courses must not duplicate courses taken to fulfill the field of study requirements.

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Recommended Course Sequence

Course	Title	Credit Hours
First Year		
Fall		
	Creative Arts Elective - Core Curriculum	3
MATH 1414 or MATH 1442 or MATH 2412 or MATH 2413	College Algebra or Elementary Statistical Methods or Pre-Calculus Math or Calculus I	4
ENGL 1301	Composition I	3
Math/Science - Field of Study		4
Credit Hours		14
Spring		
ENGL 1302	Composition II - Rhetoric	3
HIST 1301 or HIST 2327	United States History I or Mexican-American History I	3
Life and Physical Sciences Elective - Core Curriculum		4
Math/Science - Field of Study		4
Credit Hours		14
Summer		
HIST 1302 or HIST 2328	United States History II or Mexican-American History II	3
Credit Hours		3
Second Year		
Fall		
Math/Science - Field of Study		4
Life and Physical Sciences Elective - Core Curriculum		4
GOVT 2305	Federal Government	3
Social and Behavioral Sciences Elective - Core Curriculum		3
Credit Hours		14
Spring		
GOVT 2306	Texas Government	3
Math/Science - Field of Study		4
Math/Science - Field of Study ¹		4
Component Area Option - Core Curriculum		1-3
Credit Hours		12-14
Summer		
Language, Philosophy & Culture Elective - Core Curriculum		3
Credit Hours		3
Total Credit Hours		60-62

- ¹ For the last Math/Science Field of Study course, 2 credits are scheduled for the field of the study and 2 credits are scheduled to meet the Component Area Option - Core Curriculum.