

INTERDISCIPLINARY STUDIES (BS)

Overview

Interdisciplinary Studies is designed for students who prefer to customize their curriculum for a specific, personal career path rather than a discipline-specific program of study. This degree offers students the ability to create a plan of study that helps to meet their professional goals by creating connections across disciplines.

The program's unique Pathway Plan and Capstone design will help students who may have a variety of credits or partially completed majors to refashion their academic experience into a coherent and meaningful whole, investing them with the knowledge and skills they need to meet their professional goals. #Online, hybrid, and face-to-face courses provide flexibility to meet the needs of students, including military families, transfer students, and those returning to education after time in a career.

Under the guidance of admission coordinators and advisors, students tailor and personalize their degree program using courses from across the catalog. As part of this process, they will identify two of the following pathways to bring together relevant courses for a focus on topics as diverse as healthcare administration and national security to cybercrime and community-engaged leadership.

Data Management and Application Pathway:

Students will take courses that train them to gather, organize, and evaluate a variety of data related to practical applications.

Ethical, Creative, and Critical Reasoning Pathway:

Students will take courses that will teach them about the importance and enduring value of created works of art, history, and literature by interpreting and/or participating in the creative process.

Health and Community Welfare Pathway:

Students will learn to articulate and apply skills that support and improve the wellbeing of individuals and their communities.

Leadership and Communication Pathway:

Students will work to identify and address contemporary problems by developing strategies that effectively build and support collaborative work.

Public Service and Security Pathway:

Students will take courses to identify, analyze, and develop solutions for complex public safety and security situations.

Science and Technology:

Students will take courses that have them learn and apply scientific knowledge and methods to address contemporary and/or anticipated issues affecting society.

CREATE YOUR PATHWAY

Developed by the student under the guidance of interdisciplinary advisors and approved by the Interdisciplinary Governance Board.

Program of Study

Code	Title	Credit Hours
Core IMPACTS Area : Institutional Priorities ¹		4-5
Choose one of the following communication options		3
COMM 1110	Public Speaking	
Foreign Language Course Options		
AMSL, ARAB, CHIN, FREN, GERM, GREK, ITAL, JAPN, KREN, LATIN, PORT, SPAN - 1001, 1002, 2001, 2002; SWAH - 1001, 1002.		
Take one of the following courses		1-2
ITDS 1779	Scholarship Across the Disciplines	
LEAD 1705	Introduction to Servant Leadership	
PERS 1506	Perspectives 1-hour	
PERS 1507	Perspectives 2-hour	
Core IMPACTS Area : Mathematics & Quantitative Skills ¹		3-7
DATA 1501	Introduction to Data Science	3
MATH 1001	Quantitative Skills and Reasoning	3
MATH 1101	Introduction to Mathematical Modeling	3
MATH 1111	College Algebra	3
MATH 1113	Pre-Calculus	4
MATH 1125	Applied Calculus	3
MATH 1131	Calculus with Analytic Geometry I	4
MATH 1132	Calculus with Analytic Geometry II	4
MATH 1165	Computer-Assisted Problem Solving	3
MATH 1401	Introduction to Statistics	3
MATH 1501	Calculus I	4
MATH 2125	Introduction to Discrete Mathematics	3
STAT 1401	Elementary Statistics	3
Core IMPACTS Area : Political Science and U.S. History		6
HIST 2111	U. S. History to 1865	3
or HIST 2112	U. S. History since 1865	
POLS 1101	American Government	3
Core IMPACTS Area : Arts, Humanities, and Ethics		6
Select one Fine Arts course		3
ARTH 1100	Art Appreciation	
ARTH 2125	Introduction to the History of Art I– Prehistoric through Gothic	
ARTH 2126	Introduction to the History of Art II– Renaissance through Modern	
MUSC 1100	Music Appreciation	
THEA 1100	Theatre Appreciation	
ITDS 1145	Comparative Arts ²	
Select one Humanities course		3
ENGL 2111	World Literature I	
ENGL 2112	World Literature II	
ITDS 1155	The Western Intellectual Tradition	
ITDS 1774	Introduction to Digital Humanities	
PHIL 2010	Introduction to Philosophy	
ITDS 1145	Comparative Arts ²	
Core IMPACTS Area : Communicating in Writing		6
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Core IMPACTS Area : Technology, Mathematics, and Sciences ^{1,3}		7-11
ANTH 1145	Human Origins	3
ASTR 1105	Descriptive Astronomy: The Solar System	3
ASTR 1106	Descriptive Astronomy: Stars and Galaxies	3
ASTR 1305	Descriptive Astronomy Lab	1
ATSC 1112	Understanding the Weather	3
ATSC 1112L	Understanding the Weather Lab	1
BIOL 1125	Contemporary Issues in Biology Non-Lab	3
BIOL 1215K	Introductory Biology	4
BIOL 1225K	Contemporary Issues in Biology with Lab	4
CHEM 1151 & 1151L	Survey of Chemistry I and Survey of Chemistry I Lab	4
CHEM 1152 & 1152L	Survey of Chemistry II and Survey of Chemistry II Lab	4
CHEM 1211 & 1211L	Principles of Chemistry I and Principles of Chemistry I Lab	4
CHEM 1212 & 1212L	Principles of Chemistry II and Principles of Chemistry II Lab	4
CPSC 1105	Introduction to Computing Principles and Technology	3
CPSC 1301K	Computer Science I	4
ENVS 1105	Environmental Studies	3
ENVS 1105L	Environmental Studies Laboratory	1
ENVS 1205K	Sustainability and the Environment	4
GEOG 2215	Introduction to the Geographic Information Systems	3
GEOL 1110	Natural Disasters: Our Hazardous Environment	3
GEOL 1121	Introductory Geoscience I: Physical Geology	3
GEOL 1121L	Introductory Geoscience I: Physical Geology Lab	1
GEOL 1122	Introductory Geo-sciences II: Historical Geology	3
GEOL 1322	Introductory Geo-sciences II: Historical Geology Lab	1
GEOL 2225	The Fossil Record	4
PHYS 1111 & PHYS 1311	Introductory Physics I and Introductory Physics I Lab	4
PHYS 1112 & PHYS 1312	Introductory Physics II and Introductory Physics II Lab	4
PHYS 1125	Physics of Color and Sound	3
PHYS 1325	Physics of Color and Sound Lab	1
PHYS 2211 & PHYS 2311	Principles of Physics I and Principles of Physics I Lab	4
PHYS 2212 & PHYS 2312	Principles of Physics II and Principles of Physics II Lab	4
Core IMPACTS Area : Social Sciences		6
Select one Behavioral Science course		
ECON 2105	Principles of Macroeconomics	
ECON 2106	Principles of Microeconomics	
PHIL 2030	Moral Philosophy	
PSYC 1101	Introduction to General Psychology	
SOCI 1101	Introduction to Sociology	
Select one World Cultures course		3
ANTH 1107	Discovering Archaeology	
ANTH 1105	Cultural Anthropology	
ANTH 2105	Ancient World Civilizations	

ANTH 2136	Language and Culture	
ENGL 2136	Language and Culture	
GEOG 1101	World Regional Geography	
HIST 1111	World History to 1500	
HIST 1112	World History since 1500	
ITDS 1156	Understanding Non-Western Cultures	
Core IMPACTS Total Hours		42
Health and Wellness		3
KINS 1106	Lifetime Wellness	2
or PHED 1205	Concepts of Fitness	
Select one of the following		1
Any PEDS course		
MUSC 1206	Body Mapping (Music Majors Only)	

¹ The hours applied in the Institutional Priorities; Mathematics & Quantitative Skills; and Technology, Mathematics, and Sciences areas must add to 18 credit hours.

² ITDS 1145 Comparative Arts, though listed under both Fine Arts and Humanities, may be taken only once.

³ At least 4 of the credit hours in this area must be in a lab science course.

Major Requirements

Code	Title	Credit Hours
Core Requirements		
Complete the core requirements for this program		45
Core Total		45
Field of Study Requirements		
ITDS 2791	Interdisciplinary Pathways	1
ITDS 2792	Information Literacy and Critical Analysis	1
ITDS 2793	Interdisciplinary Research and Careers	1
Students apply 15 credit hours at the 1000-2000 level. These credits must be approved in the student's Pathway Plan by meeting prerequisite requirements for upper level courses in the student's Pathway Areas or supporting the learning outcomes of their chosen Pathways..		15
Field of Study Requirements Subtotal		18
Required for the Major		
All students take the following two courses:		3
ITDS 4901	Interdisciplinary Capstone Proposal	
ITDS 4902	Interdisciplinary Capstone	
Select two distinctly different Pathway Areas from the following list for a total of 36 credit hours. At least 12 hours in each Pathway must be at the 3000 level or above.		36

1. Data Management and Application Pathway: Students gather, organize, and evaluate a variety of data related to practical applications.

2. Ethical, Creative, and Critical Reasoning Pathway: Students explain the enduring value of created works of art, history, and literature by interpreting and/or participating in the creative process.

3. Health and Community Welfare Pathway: Students articulate and apply skills that support and improve the wellbeing of individuals and their communities.

4. Leadership and Communication Pathway: Students identify and address contemporary problems by developing strategies that effectively build and support collaborative work.

5. Public Service and Security Pathway: Students identify, analyze, and develop solutions for complex public safety and security situations.

6. Science and Technology: Students apply scientific knowledge and methods to address contemporary and/or anticipated issues affecting society.

7. Create Your Pathway: Students, through the formulation and fulfillment of a unique Degree Pathway Plan, will articulate and achieve measurable learning outcomes specific to their personal and professional goals.

Required for the Major Subtotal 39

General Electives

Select 21 credit hours of coursework. Students may need to apply upper level credit in this area to meet the program's overall requirement of 39 credits at the 3000-level or above.

All students must complete 31 hours at CSU to meet the 25% residency requirement.

General Electives Subtotal 21

Total Credit Hours 123

Program Map

Course	Title	Credit Hours
First Year		
Fall		
ENGL 1101	English Composition I (minimum grade of C)	3
AREA A	MATH 1001 or higher level MATH	3
Area B2	ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2) ¹	2
POLS 1101	American Government	3
ITDS 2799	Interdisciplinary Pathways ²	3
Credit Hours		14
Spring		
ENGL 1102	English Composition II (minimum grade of C)	3
Area B1	COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002	3
AREA D	Lab Science	4
Area F	Foundational course for Pathway preparation ³	3
Area F	Foundational course for Pathway preparation ³	3
ITDS 3099	Interdisciplinary Milestones	0
Credit Hours		16
Second Year		
Fall		
Area F	Foundational course for Pathway preparation ³	3
Area F	Foundational course for Pathway preparation ³	3

Area F	Foundational course for Pathway preparation ³	3
Area G	Pathway #1 course ⁴	3
Area G	Pathway #2 course ⁴	3
Wellness	KINS 1106 (or PHED 1205) Concepts of Fitness	2
ITDS 3099	Interdisciplinary Milestones	0
Credit Hours		17

Spring

HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
Area C	Fine Arts	3
AREA D	Math/Science/Tech	3
Area G	Pathway #1 course ⁴	3
AREA G	Pathways #2 course ⁴	3
ITDS 3099	Interdisciplinary Milestones	0
Credit Hours		15

Third Year

Fall

AREA C	Humanities	3
AREA D	Science	3
Wellness	PEDS Elective	1
AREA G	Pathway #1 course ⁴	3
AREA G	Pathway #2 course ⁴	3
AREA I	Elective	3
ITDS 3099	Interdisciplinary Milestones	0
Credit Hours		16

Spring

AREA E	World Culture	3
AREA E	Behavioral Science	3
AREA G	Pathway #1 course ⁴	3
AREA G	Pathway #1 course ⁴	3
AREA G	Pathway #2 course ⁴	3
ITDS 3099	Interdisciplinary Milestones	0
Credit Hours		15

Fourth Year

Fall

AREA G	Pathway #1 course ⁴	3
AREA G	Pathway #2 course ⁴	3
AREA I	Elective	3
AREA I	Elective	3
AREA I	Elective	3
ITDS 3099	Interdisciplinary Milestones	0
Credit Hours		15

Spring

AREA G	Pathway #2 course ⁴	3
ITDS 4799	Interdisciplinary Capstone	3
AREA I	Elective	3
AREA I	Elective	3
AREA I	Elective	3
Credit Hours		15
Total Credit Hours		123

¹ Note: Students must complete Area B and Area D with a combined total of 15 credit hours within the following ranges. Any additional hours may be applied to Area F or beyond, depending on the program of study. Students should consult their advisors.

- Area B1, 3 hours;
- Area B2, 1-2 hours;
- Area D1, 7-8 hours;
- Area D2, 3-4 hours.

² In ITDS 2799, students will develop a plan that identifies which specific Area F and Area G courses to take to meet their overall educational goals. With the guidance of the instructor of ITDS 2799 and the Interdisciplinary Governance Board (IGB), students will design their own degree program, one that highlights their unique skills and knowledge gained through study and experience. In ITDS 2799, students will develop a program map that is more specific than the general one shown here, for it will appropriate their previously earned credits to this degree. Two features of the program are designed for students with transfer credits or who have changed majors and have accrued a fair number of credits. First, its Interdisciplinary Governance Board can quickly evaluate and apply prior credits to the program so entering students know how long the program will take for them to finish. Once those prior credits have been appropriated, students can then determine which two pathways they want to pursue and which Area F courses they should take as prerequisites. Second, the program's Pathway-Milestone-Capstone design will help students who may have a variety of credits or partially completed majors to refashion their academic experience into a coherent whole, investing them with the knowledge and skills they need to meet their academic and career goals.

³ These Area F Foundational courses should be used to satisfy prerequisites for upper division courses in the chosen two Pathways (Area G coursework). The trickiest part of the degree is making sure that the prerequisite courses for the upper level courses get taken in areas A - F. Many can fit in Area F, but it will help to have some satisfy an A-E requirement. During Fall 1 and while enrolled in ITDS 2799, students will submit their personally created program map—including their plans for Area F Foundational coursework and Pathway choices—for approval to the IGB.

⁴ Students are to select two different Pathway Areas from the following list. At least 12 hours in each Pathway must be at the 3000 level or above.

1. Communicating in a Global Environment (18 hours) (Most language, linguistics, writing, and communication courses can contribute, as well as courses framed around global issues.)
2. Humanities (18 hours) (Most philosophy, literature, history, language, and creative writing courses can contribute.)
3. Leadership and Community Engagement (18 hours) (Courses framed around the topics of leadership and engagement can contribute and be found in a broad range of fields, including business, education, and social sciences.)
4. Evidence Based Inquiry using Social Science or Natural Science Perspectives (18 hours)
5. Create Your Pathway (18 hours) (Developed by the student in consultation with the Interdisciplinary Governance Board.)

Admission Requirements

There are no program specific admission requirements.

Additional Program Requirements

There are no program specific academic regulations.