

# 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-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 professional goals. Online, hybrid, and face-to-face courses provide 21st-century flexibility to meet the needs of students, including military families and transfer students,

Under the guidance of admission coordinators and advisors, students tailor and personalize their degree program using courses from across campus. Prepare for careers in art management, cybercrime, global military leadership, and more by selecting courses from any two of the following thematic areas:

### COMMUNICATING IN A GLOBAL ENVIRONMENT

*Courses in languages, linguistics, writing, communication, and those that study global issues.*

### HUMANITIES

*Courses in literature, history, language, philosophy, and creative writing.*

### LEADERSHIP AND COMMUNITY ENGAGEMENT

*Courses framed around the topics of leadership and engagement are offered in fields such as business, education, military science and social sciences.*

### EVIDENCE-BASED INQUIRY USING SOCIAL SCIENCE OR NATURAL SCIENCE PERSPECTIVES

*Courses and research experiences offered in the sciences, sociology, and psychology.*

### LAW ENFORCEMENT AND PUBLIC SAFETY

*Courses that study systems of justice, law, politics, and public safety.*

### 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 |
|--|------------------------------------|--------------|
| <b>Core IMPACTS Area : Institutional Priorities <sup>1</sup></b>                           |                                    | <b>4-5</b>   |
| COMM 1110  | Public Speaking                    | 3            |
| ITDS 1779  | Scholarship Across the Disciplines | 2            |
| LEAD 1705  | Introduction to Servant Leadership | 2            |
| PERS 1506  | Perspectives 1-hour                | 1            |
| PERS 1507  | Perspectives 2-hour                | 2            |
| Foreign Language Course Options  |                                    |              |
| ARAB, CHIN, FREN, GERM, GREK, ITAL, JAPN, KREN, LATIN, PORT, SPAN - 1001, 1002, 2001, 2002 |                                    |              |

|   |   |             |
|---|---|-------------|
| SWAH 1001   | Elementary Swahili I  |             |
| SWAH 1002   | Elementary Swahili II   |             |
| <b>Core IMPACTS Area : Mathematics &amp; Quantitative Skills <sup>1</sup></b> |   | <b>3-7</b>  |
| 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           |
| <b>Core IMPACTS Area : Political Science and U.S. History</b>                 |   | <b>6</b>    |
| HIST 2111   | U. S. History to 1865   | 3           |
| or HIST 2112  | U. S. History since 1865  |             |
| POLS 1101   | American Government   | 3           |
| <b>Core IMPACTS Area : Arts, Humanities, and Ethics</b>                       |   | <b>6</b>    |
| 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 <sup>2</sup>                                     |             |
| Select one Humanities course  |   | 3           |
| ENGL 2111   | World Literature I  |             |
| ENGL 2112   | World Literature II   |             |
| ITDS 1774   | Introduction to Digital Humanities                                |             |
| PHIL 2010   | Introduction to Philosophy  |             |
| ITDS 1145   | Comparative Arts <sup>2</sup>                                     |             |
| <b>Core IMPACTS Area : Communicating in Writing</b>                           |   | <b>6</b>    |
| ENGL 1101   | English Composition I   | 3           |
| ENGL 1102   | English Composition II  | 3           |
| <b>Core IMPACTS Area : Technology, Mathematics, and Sciences <sup>1</sup></b> |   | <b>7-11</b> |
| 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   | Survey of Chemistry I   | 4           |
| & 1151L   | and Survey of Chemistry I Lab                                     |             |
| CHEM 1152   | Survey of Chemistry II  | 4           |
| & 1152L   | and Survey of Chemistry II Lab                                    |             |

|  |   |           |
|--|---|-----------|
| 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         |
| <b>Core IMPACTS Area : Social Sciences</b>   |   | <b>6</b>  |
| 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   |   |           |
| ANTH 1107  | Discovering Archaeology                                       | 3         |
| 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 1155  | The Western Intellectual Tradition                            |           |
| ITDS 1156  | Understanding Non-Western Cultures                            |           |
| <b>Core IMPACTS Total Hours</b>  |   | <b>42</b> |
| <b>Health and Wellness</b>   |   | <b>3</b>  |
| KINS 1106  | Lifetime Wellness   | 2         |
| or PHED 1205   | Concepts of Fitness   |           |
| Select one PEDS course ( <a href="https://catalog.columbusstate.edu/course-descriptions/peds/#peds">https://catalog.columbusstate.edu/course-descriptions/peds/#peds</a> ) |   |           |

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

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

## Major Requirements

| Code   | Title                                      | Credit Hours |
|--|--|--------------|
| <b>Core Requirements</b>   |  |              |
| Complete the core requirements for this program  |  | 45           |
| Core Total   |  | 45           |
| <b>Field of Study Requirements</b>   |  |              |
| 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           |
| <b>Required for the Major</b>  |  |              |
| 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 |
|------------------------|---|--------------|
| <b>First Year</b>      |   |              |
| <b>Fall</b>            |   |              |
| 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) <sup>1</sup> | 2            |
| POLS 1101              | American Government   | 3            |
| ITDS 2799              | Interdisciplinary Pathways <sup>2</sup>   | 3            |
| <b>Credit Hours</b>    |   | <b>14</b>    |
| <b>Spring</b>          |   |              |
| 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 <sup>3</sup>  | 3            |
| Area F                 | Foundational course for Pathway preparation <sup>3</sup>  | 3            |
| ITDS 3099              | Interdisciplinary Milestones  | 0            |
| <b>Credit Hours</b>    |   | <b>16</b>    |
| <b>Second Year</b>     |   |              |
| <b>Fall</b>            |   |              |
| Area F                 | Foundational course for Pathway preparation <sup>3</sup>  | 3            |
| Area F                 | Foundational course for Pathway preparation <sup>3</sup>  | 3            |
| Area F                 | Foundational course for Pathway preparation <sup>3</sup>  | 3            |
| Area G                 | Pathway #1 course <sup>4</sup>  | 3            |
| Area G                 | Pathway #2 course <sup>4</sup>  | 3            |
| Wellness               | KINS 1106 (or PHED 1205) Concepts of Fitness  | 2            |
| ITDS 3099              | Interdisciplinary Milestones  | 0            |
| <b>Credit Hours</b>    |   | <b>17</b>    |
| <b>Spring</b>          |   |              |
| 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 <sup>4</sup>  | 3            |

|                     |                                 |           |
|---------------------|---------------------------------|-----------|
| AREA G              | Pathways #2 course <sup>4</sup> | 3         |
| ITDS 3099           | Interdisciplinary Milestones    | 0         |
| <b>Credit Hours</b> |                                 | <b>15</b> |

### Third Year

#### Fall

|                     |                                |           |
|---------------------|--------------------------------|-----------|
| AREA C              | Humanities                     | 3         |
| AREA D              | Science                        | 3         |
| Wellness            | PEDS Elective                  | 1         |
| AREA G              | Pathway #1 course <sup>4</sup> | 3         |
| AREA G              | Pathway #2 course <sup>4</sup> | 3         |
| AREA I              | Elective                       | 3         |
| ITDS 3099           | Interdisciplinary Milestones   | 0         |
| <b>Credit Hours</b> |                                | <b>16</b> |

#### Spring

|                     |                                |           |
|---------------------|--------------------------------|-----------|
| AREA E              | World Culture                  | 3         |
| AREA E              | Behavioral Science             | 3         |
| AREA G              | Pathway #1 course <sup>4</sup> | 3         |
| AREA G              | Pathway #1 course <sup>4</sup> | 3         |
| AREA G              | Pathway #2 course <sup>4</sup> | 3         |
| ITDS 3099           | Interdisciplinary Milestones   | 0         |
| <b>Credit Hours</b> |                                | <b>15</b> |

### Fourth Year

#### Fall

|                     |                                |           |
|---------------------|--------------------------------|-----------|
| AREA G              | Pathway #1 course <sup>4</sup> | 3         |
| AREA G              | Pathway #2 course <sup>4</sup> | 3         |
| AREA I              | Elective                       | 3         |
| AREA I              | Elective                       | 3         |
| AREA I              | Elective                       | 3         |
| ITDS 3099           | Interdisciplinary Milestones   | 0         |
| <b>Credit Hours</b> |                                | <b>15</b> |

#### Spring

|                     |                                |           |
|---------------------|--------------------------------|-----------|
| AREA G              | Pathway #2 course <sup>4</sup> | 3         |
| ITDS 4799           | Interdisciplinary Capstone     | 3         |
| AREA I              | Elective                       | 3         |
| AREA I              | Elective                       | 3         |
| AREA I              | Elective                       | 3         |
| <b>Credit Hours</b> |                                | <b>15</b> |

**Total Credit Hours 123**

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.