

# ITDS - INTERDISCIPLINARY STUDIES

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## **ITDS 1070 Digital Humanities Convocation (0-0-0)**

The Digital Humanities Convocation is required for all students enrolled in the digital humanities minor. At Convocation, students will receive information about the digital humanities program, the requirements for the degree, upcoming events, careers and opportunities in the field of the digital humanities, and will have the opportunity to stay current on issues within the field. The Convocation is also meant to foster a sense of community and collaboration among students and faculty.

**Repeatability:** Repeatable for credit up to 2 times or 0 hours.

## **ITDS 1125 Science in the Public Discourse: Modern and Hist Conflicts Between Natrl Sciences and Public Opinion (2-0-2)**

This course will explore the sometimes contentious debates between the natural sciences (e.g. astronomy, biology, earth science) and pseudoscientific ideologies, especially modern and/or historical conflicts between scientific theories and established belief systems. The course will explore the nature of science in the context of public discourse on one or more of the following topics: evolution and creationism/intelligent design, flood geology, age of the Earth, formation of the universe/solar system, climate change, genetic engineering, and/or alternative medicine.

## **ITDS 1145 Comparative Arts (3-0-3)**

An introduction to the arts with emphasis on common elements, parallel dimensions, and aesthetic perception and response.

## **ITDS 1155 The Western Intellectual Tradition (3-0-3)**

An examination of the concepts and related dynamics that are central to and defining of the western intellectual tradition.

## **ITDS 1156 Understanding Non-Western Cultures (3-0-3)**

An examination of non-western systems of thought to increase understanding of cultural diversity and the process of cultural traditions.

## **ITDS 1774 Introduction to Digital Humanities (3-0-3)**

This course serves as an introduction to the methods, theories, and current debates within the growing field of the digital and computational humanities, an area of study which combines the skills of the humanist with the digital tools available to researchers in the present day. Students will explore the multifaceted nature of digital humanities scholarship while learning about opportunities for research, innovation, and career preparation at the crossroads of the traditional and the technological.

## **ITDS 1779 Scholarship Across the Disciplines (2-0-2)**

Students are introduced to scholarship across academic disciplines through invited talks by university researchers working on nationally and globally significant problems. Students will adopt a scholarly approach to solve a real-world problem related to their discipline or that involves multiple disciplines.

## **ITDS 1921 Rise of the Machines: The History and Future of Robotics (2-0-2)**

This course offers a survey of the history of robotics technology and machine intelligence, as well as the use of robots in popular culture. The course will also look into contemporary advances in robotics, showcase modern uses of robotics in research and industry, and give the students an opportunity to explore concepts of robotics hands-on.

## **ITDS 2105 The International Cross-Cultural Experience (0-0-0)**

This course assists students in preparing for the study abroad experience by focusing on pertinent intercultural concepts and models. It will familiarize students with the process of cultural learning, its theoretical foundation, and its application. It will enable students to maximize the cross-cultural and educational benefits of studying abroad. May be repeated for each study abroad or exchange program.

**Repeatability:** Repeatable for credit up to 98 times or 0 hours.

**Restriction(s):**

Enrollment limited to students in the Department Prerequisite college.

## **ITDS 2106 Medical Terminology (3-0-3)**

Construction and interpretation of terms used in health and medical professions with a focus on prefixes, suffixes, roots, and combining forms. Students will define and interpret medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology.

## **ITDS 2108 Medical Terminology II (2-0-2)**

Introduction to medical terminology-Part II. Basic construction of scientific terms, common prefixes and suffixes; endocrine & urinary systems; senses; male and female reproduction; obstetrics; child health; radiology/diagnostic imaging; oncology; gerontology

## **ITDS 2109 Spain in the Middle Ages and the Renaissance (3-0-3)**

This course will examine many of the myths of national and cultural identity of contemporary Spain rooted in the country's legacy of conflict and tolerance between Muslims, Jews, and Christians. Through an exploration of surviving primary source materials, such as architecture, literature, philosophy and religion, historical chronicles, and artistic manifestations, as well as secondary critical texts, we will question the role of conquest, coexistence, and Empire and their ramifications for the present world.

## **ITDS 2125 Historical Perspectives on the Philosophy of Science and Mathematics (3-0-3)**

Overview of the history and philosophical underpinnings of science and mathematics. Connections of broader history and context to science and mathematics learning. Course may be attempted only two times.

## **ITDS 2205 The Re-Entry Experience for Study Abroad Students (1-0-1)**

This course assists students in making a successful re-entry to the U.S. culture after completing semester or year-long study abroad programs. The course focuses on specific phenomena and theories that are related to re-entry. The concepts and experiences discussed in this course will enable the student to integrate their experience abroad into their life in the U.S.

## **ITDS 2726 Introduction to Cultural Diversity (1-0-1)**

This course is designed to familiarize students with the cultural differences of the major racial/ethnic minority groups within the United States. Myths, stereotypes, and issues concerning minority groups will also be explored. Based upon individual experiences, guest speakers, presentations, self-exploration, and lectures, students will attain knowledge that will help them better understand and relate to these groups.

## **ITDS 2727 Introduction to Interpersonal Skills (1-0-1)**

This course is designed to introduce students to basic skills needed in the helping profession. A survey of the helping discipline, including job opportunities and work settings, will be covered. Social skill training techniques in the helping field will be demonstrated and practiced across a number of settings. Interpersonal relationship concepts, evaluative and developmental issues, and conflict resolution are components in this course. This course will review requirements and competencies for further study.

**ITDS 2735 Life and Career Planning (1-0-1)**

This course is designed to help students consider those career choices and related factors contributing to satisfaction and happiness in life. The process of goal setting and self-management by objectives will be studied in order for the student to plan systematically for a career.

**ITDS 2746 Business and Society (1-0-1)**

An introduction to the roles of business in historical and contemporary society, the relationship between business and governmental and not-for-profit institutions, and ways in which business interacts with virtually all professions, occupations and careers. Students will investigate moral and ethical issues relating to business and societal goals, and ways by which they might be resolved.

**ITDS 2748 Topics in Global Issues (1-0-1)**

An interdisciplinary course on issues that affect the world or the people of the world, issues such as air pollution, Internet child pornography, international copyright infringement, endangered species, policies of the United Nations, international stock markets, export/import laws, etc. Topics will vary from semester to semester. Course will be taught by faculty from various departments and colleges.

**ITDS 2749 Ethics and Legal Issues in the Professions (1-0-1)**

An interdisciplinary course focusing on such issues as censorship, plagiarism, truth in advertising, forgery, invalid scientific data and experiments, etc. Issues will vary from semester to semester. Course will be taught by faculty from various departments and colleges.

**ITDS 2755 Elements of Critical Thinking (1-0-1)**

This course focuses on the questions of how to reason correctly and how to identify fallacies in reasoning. Specifically, the issues of validity, consistency, formal and informal fallacies will be addressed.

**ITDS 2791 Interdisciplinary Pathways (1-0-1)**

A seminar that provides a foundation for the Bachelor of Science in Interdisciplinary Studies, training students to appreciate the value of a multidisciplinary approach to education while planning their own studies and career. Guidance is provided as students clarify their academic and career goals and create detailed Pathway Plans for their major.

**Restriction(s):**

Enrollment limited to students in the BSUA14 or BSUA14\_ONL programs.

**ITDS 2792 Information Literacy and Critical Analysis (1-0-1)**

This hands-on course introduces students to contemporary research techniques and strategies to become efficient and effective consumers and creators of information in the digital age. Discussions will include the importance of verifying and synthesizing information as evidence into coherent arguments across disciplines, and will serve as an introduction to current resources to further develop research and critical analysis skills. In addition, students will learn important aspects of how to responsibly acquire, evaluate, organize and ethically use collected information. May be taken concurrently with ITDS 2791.

**Prerequisite(s):** ITDS 2791 (may be taken concurrently) with a minimum grade of D

**ITDS 2793 Interdisciplinary Research and Careers (1-0-1)**

The culmination of the introductory sequence for the Bachelor of Science in Interdisciplinary Studies, this course serves as a seminar to expose students to a variety of interdisciplinary practitioners from the academy as well as the public and private sectors. Students will learn about how interdisciplinary training has benefitted these diverse practitioners in their professions while gaining a further appreciation and understanding of the strengths of multidisciplinary approaches for a wide variety of careers.

**Prerequisite(s):** ITDS 2791 (may be taken concurrently) with a minimum grade of C and ITDS 2792 (may be taken concurrently) with a minimum grade of C

**ITDS 2795 Lead Learners: Peer Tutors and Mentors ((0-1)-0-(0-1))**

This course provides an overview of contemporary best practices of tutoring and peer facilitated collaborative learning with students from across the disciplines. Students will learn to adapt learning activities and modes for different types of learners in math, science, writing, and the humanities. Topics include promoting active learning, incorporating critical thinking and questioning skills, assessing learning, collaborative learning and group, and online tutoring. Students will weigh the benefits and drawbacks of different tutoring approaches, and they will apply knowledge from the course to various tutoring situations and subjects. A satisfactory grade in this course allows students to tutor for academic support services.

**ITDS 2796 Leadership Development (1-0-1)**

A course for students who are interested in developing and honing leadership skills in order to become effective campus and community leaders. Topics include surprising facts about leaders, assessing leadership tendencies and personality traits, expressing leadership vision, listening, building relationships and teams, defining problems and reaching solutions, motivating, delegating tasks and responsibilities, managing conflict, and supporting and empowering participation.

**ITDS 2797 Undergraduate Research Journal Editing and Publishing (1-0-1)**

This seminar will explore the theoretical and practical concerns of publishing an interdisciplinary undergraduate research journal. Students in the course will edit and produce a journal while learning to formally critique research articles, address publishing ethics, and manage a peer review process. May be repeated for credit.

**Repeatability:** Repeatable for credit up to 2 times or 3 hours.

**ITDS 2799 Interdisciplinary Pathways (3-0-3)**

A seminar that provides an intellectual framework for the Bachelor of Science in Interdisciplinary Studies and explores topics such as the nature of knowledge and the value of generalist studies. Guidance is provided as students clarify their academic and career goals, assess prior learning, and create detailed Pathway Plans.

**Restriction(s):**

Enrollment limited to students in the BSUA14 or BSUA14\_ONL programs.

**ITDS 3099 Interdisciplinary Milestones (0-0-0)**

Connects students in the BS Interdisciplinary Studies to a community of learners and provides guidance as they complete the Pathway Plan they developed in ITDS 2799 Interdisciplinary Pathways. Students begin to develop a portfolio of artifacts that demonstrate having met program learning outcomes.

**Prerequisite(s):** ITDS 2799 (may be taken concurrently) with a minimum grade of C

**Repeatability:** Repeatable for credit up to 99 times or 0 hours.

**ITDS 3115 Seven Revolutions in Global Change (3-0-3)**

This course is designed to introduce students to leadership studies from an international perspective using the Seven Revolutions as a framework. Seven Revolutions is a project led by the Global Strategy Institute at the Center for Strategic and International Studies (CSIS) to identify and analyze the key policy challenges that policymakers, business figures, and other leaders will face out to the year 2030. It is an effort to promote strategic thinking on the long-term trends that too few leaders take the time to consider.

**Restriction(s):**

Enrollment limited to Junior or Senior students.

**ITDS 4535 Selected Topics in Standardized Testing for Professionals (1-0-1)**

This class is designed to help upper-level undergraduate students to become proficient at taking standardized tests. The class will emphasize student preparation for exams, such as MCAT, DAT, PCAT or other standardized exams.

**Restriction(s):**

Enrollment limited to Junior or Senior students.

**ITDS 4698 Internship (0-0-3)**

Students pursuing a major in Interdisciplinary Studies may identify supervised internship experiences that provide opportunities to apply concepts learned in the university classroom in a professional setting. A minimum of 135 hours of documented experience in the internship setting is required.

**Restriction(s):**

Enrollment limited to Junior or Senior students.

Enrollment limited to students in a Bachelor of Arts degree.

**ITDS 4779 Digital Humanities Capstone (3-0-3)**

As a student prepares to complete the digital humanities program, this course serves as an opportunity for them to reflect on their training and the projects they developed. Students from all digital humanities tracks will share unique insights and approaches to their research, to situate their work within the wider field, to identify future opportunities for the use of their skills, and to construct a portfolio of work that demonstrates their mastery of their skill.

**Prerequisite(s):** ITDS 1774 with a minimum grade of C

**ITDS 4799 Interdisciplinary Capstone (2-0-2)**

The culminating academic experience for students in the Bachelor of Science in Interdisciplinary Studies degree. Having successfully created a proposal for a capstone project appropriate for their Degree Pathway Plan, students will produce a final project appropriate for their disciplines (capstone thesis or portfolio project) which demonstrates their ability to work independently within those chosen disciplines. Students will be supported in the creation of their final project by specialists within their fields of study that are approved by the College while also demonstrating how their training has prepared them for their chosen profession following degree completion.

**Prerequisite(s):** ITDS 2799 with a minimum grade of C and ITDS 3099 with a minimum grade of S

**ITDS 4901 Interdisciplinary Capstone Proposal (0-0-1)**

Students enrolled on the Bachelor of Science in Interdisciplinary Studies degree prepare a formal proposal for a research project or design a portfolio plan which demonstrates a synthesis of the disciplines which make up their chosen Degree Pathway Plan. This proposal or design document will then be completed while enrolled in ITDS 4902. Working with the instructor, students will also identify a project advisor and develop a timeline for their capstone completion.

**Prerequisite(s):** (ITDS 2791 with a minimum grade of C and ITDS 2792 with a minimum grade of C and ITDS 2793 with a minimum grade of C)

**ITDS 4902 Interdisciplinary Capstone (0-0-2)**

The culminating academic experience for students in the Bachelor of Science in Interdisciplinary Studies degree. Having successfully created a proposal for a capstone project appropriate for their Degree Pathway Plan, students will produce a final project appropriate for their disciplines (capstone thesis or portfolio project) which demonstrates their ability to work independently within those chosen disciplines. Students will be supported in the creation of their final project by specialists within their fields of study that are approved by the College while also demonstrating how their training has prepared them for their chosen profession following degree completion.

**Prerequisite(s):** ITDS 4901 with a minimum grade of D

**ITDS 4999 Capstone (0-0-3)**

The capstone course is intended as a culminating experience for students pursuing the Bachelor of Arts degree in Liberal Arts. The student learning outcomes and subsequent course requirements are purposefully designed to demonstrate the student has successfully met the student learning outcomes for the program of study. Each student will work with his/her academic advisor to determine which track within the capstone course would provide the most appropriate venue through which the student could demonstrate proficiency in the student learning outcomes for the program.

**Restriction(s):**

Enrollment limited to Senior students.

Enrollment limited to students in a Bachelor of Arts degree.

**ITDS 5105G History and Practice of Translation (3-0-3)**

Prerequisite: ENGL 1102 with C or better. Translation involves more than moving the meanings of words from one language to another; it is, rather, an exchange of meaning across an entire social, cultural, linguistic and material world. Students will discuss problems of translation in books and/or films, and the roles of editing and transcription in translation. Fluency in a language other than English is not required, but some experience and study of a foreign language is recommended. Students will pursue a term-length project on a translation related topic of their own interest.

**ITDS 5105U History and Practice of Translation (3-0-3)**

Prerequisite: ENGL 1102 with C or better. Translation involves more than moving the meanings of words from one language to another; it is, rather, an exchange of meaning across an entire social, cultural, linguistic and material world. Students will discuss problems of translation in books and/or films, and the roles of editing and transcription in translation. Fluency in a language other than English is not required, but some experience and study of a foreign language is recommended. Students will pursue a term-length project on a translation related topic of their own interest.

**Prerequisite(s):** ENGL 1102 with a minimum grade of C

**ITDS 5555G Interdisciplinary Special Topics (3-0-3)**

Pre-requisites include junior standing or above, an overall GPA of 2.5, if undergraduate; and a preliminary statement of expectations and plan of study. This course is designed to provide junior/senior undergraduate students or graduate students with knowledge of various special topics that are interdisciplinary in nature.

**Restriction(s):**

Enrollment is limited to Graduate Level level students.

**ITDS 5555U Interdisciplinary Special Topics (3-0-3)**

Pre-requisites include junior standing or above, an overall GPA of 2.5, if undergraduate; and a preliminary statement of expectations and plan of study. This course is designed to provide junior/senior undergraduate students or graduate students with knowledge of various special topics that are interdisciplinary in nature.

**Restriction(s):**

Freshman or Sophomore students may **not** enroll.