Program Overview

The Master of Arts in Interdisciplinary Studies (M.A.I.S.) degree with a major in Interdisciplinary Studies is coordinated through the Department of Organization, Workforce, and Leadership Studies (OWLS). The interdisciplinary studies degree program utilizes courses from other departments offering graduate-level work. The interdisciplinary studies degree is highly individualized and is designed to provide the adult with various course options. Further information may be obtained by contacting the program chair of the OWLS Department, referencing the “Interdisciplinary Studies” section of this catalog, or the OWLS Department website at http://www.owls.txstate.edu/ (http://www.oced.txstate.edu/).

Application Requirements

The items listed below are required for admission consideration for applicable semesters of entry during the current academic year. Submission instructions, additional details, and changes to admission requirements for semesters other than the current academic year can be found on The Graduate College's website (http://www.gradcollege.txstate.edu). International students should review the International Admission Documents page (http://mycatalog.txstate.edu/graduate/admission-documents/international/) for additional requirements.

- completed online application
- $55 nonrefundable application fee

  or

- $90 nonrefundable application fee for applications with international credentials
- baccalaureate degree from a regionally accredited university
- official transcripts from **each institution** where course credit was granted
- minimum 2.75 GPA in the last 60 hours of undergraduate course work (plus any completed graduate courses)
- GRE not required
- statement of purpose outlining future direction

TOEFL, PTE, or IELTS Scores

Non-native English speakers who do not qualify for an English proficiency waiver:

- official TOEFL iBT scores required with a 78 overall and minimum individual module scores of
  - 19 listening
  - 19 reading
  - 19 speaking
  - 18 writing
- official PTE scores required with 52 overall
- official IELTS (academic) scores required with a 6.5 overall and minimum individual module scores of 6.0

This program does **not** offer admission if the scores above are not met. Conditional admission is not available to applicants who require "F" or "J" visas.

Degree Requirements

The Master of Arts in Interdisciplinary Studies (M.A.I.S.) degree with a major in Interdisciplinary Studies requires 39 semester credit hours, including:

1. Four or more departments represented in coursework (represented by prefixes, so CTE/OCED represent two departments)
2. Three or more colleges must be represented in coursework
3. Three or more departments (course prefixes) must have six or more hours in the departments.
4. No more than 15 hours in any department
5. No more than 12 hours by extension/correspondence (for students intending to do the Certified Public Manager program).

Course Requirements

Code	Title	Hours
Foundation Courses [1]		
CTE 5303	Interdisciplinary Studies in Occupational, Workforce, and Leadership Studies	3
CTE 5360	Organization Development in the Workplace	3
OCED 5360D	Leadership Development	3
OCED 5310	Human Problems in the Workplace	3
or OCED 5361	Human Systems in the Workplace	
or CTE 5313L	Emergent Workplace Perspectives	
or CTE 5324	Human Performance in the Workplace	
or CTE 5315	Leadership and Professional Development	
Ethics Module [1]		
PHIL 5322	Professional Ethics	3
PHIL 5301	Applied Philosophy	3
or PHIL 5302	Dialogue	
or PHIL 5303	Philosophy of Technology	
or PHIL 5351	Philosophy of Education	
or PHIL 5388	Problems in Philosophy	
Interdisciplinary Academic Module		
Choose 12 hours of advisor-approved courses		12
Exit Module (Students should choose from either the Practicum Based Exit Sequence, or the Research Based Exit Sequence) [2]		
OCED 5300	Interdisciplinary Research Methods	3
or CTE 5330	Overview of Interdisciplinary Research	
OCED 5301	Applied Interdisciplinary Research Part 1	3
or OCED 5303	Reflective and Experiential Learning Techniques	
OCED 5302	Applied Interdisciplinary Research Part 2	3
or OCED 5304	Professional Practicum	
Total Hours		**39**

[1] The courses in the ethics module may be utilized towards the Graduate Certificate in Professional Ethics. However, separate admission to the Graduate Certificate in Professional Ethics is needed.

[2] The courses in the Exit Module are sequential. OCED 5300 may only be offered during fall semesters. You may take Exit Module courses while taking other courses. Courses in exit module are sequential, and the prior course in the exit module must be completed before moving on to the next course in the exit module.

Comprehensive Examination Requirement

The OWLS department requires both written responses and an oral defense to fulfill comprehensive examination requirements. If the committee is not satisfied with either the written or oral responses, they will specify areas for correction and the student will be given the opportunity to resolve the deficiencies in a timely manner. If necessary, a second oral defense will be held to satisfy committee requirements.

Students who do not successfully complete the requirements for the degree within the timelines specified will be dismissed from the program.

Master's level courses in Organization, Workforce, and Leadership Studies: CTE (p. 2), OCED (p. 3)

Courses Offered

Career and Technical Education (CTE)

CTE 5301. Technology of Teaching.
This course presents the research and theory related to the technology of teaching. Topics include learning theories, effective teaching techniques, motivation and performance, evaluation, and classroom dynamics.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5303. Interdisciplinary Studies in Occupational, Workforce, and Leadership Studies.
This course provides an overview of interdisciplinary studies' frameworks in the fields related to occupational, workforce, and leadership studies. Students investigate career options, develop plans of study, integrate interdisciplinary academic material, and refine interdisciplinary writing skills.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5306. Instructional Materials Development Technology.
This course provides students opportunities to develop knowledge, skills, and abilities relevant to assessing instructional materials in education and training, within the context of real-world settings.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5308. Problems in Cooperative Training.
This course provides a review of basic standards for cooperative education, underlying reasons for standards, and current issues/problems in cooperative education programs. Students will discuss and provide solutions to current dilemmas of cooperative education, through the use of organizational research techniques and organizational problem solving.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5312. Development, Organization, and Use of Instructional Material.
This course involves the selection of lesson content, lesson planning, and instructional material development. The emphasis is on the effective development and evaluation of instructional materials. A variety of methods will be taught to gather and utilize instructional materials.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5313C. Teaching Entrepreneurship in Career and Technical Education.
This course includes a study and analysis of ownership, marketing strategies, location, financing, regulations, managing, and protecting a business. Students will analyze current research and techniques in teaching entrepreneurship in CTE settings. (MULT).
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from 3-peat Processing|Multicultural Content|Topics
Grade Mode: Standard Letter

CTE 5313L. Emergent Workplace Perspectives.
This course examines the emergent and evolving nature of the modern workplace. Students will explore topics related to interdisciplinary perspectives in the workplace such as inequality related to gender and race, workers' rights, knowledge, control, the role of technology, and globalization.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from 3-peat Processing|Topics
Grade Mode: Standard Letter

CTE 5313M. Program Evaluation in Career and Technical Education.
Students will gain an in-depth understanding of terminology and program evaluation, guiding principles, approaches and models, and professional standards utilized while conducting program evaluations of career and technical education (CTE) programs. Students will apply these concepts to design a program evaluation proposal for an existing or proposed CTE program.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from 3-peat Processing|Topics
Grade Mode: Standard Letter

CTE 5314. Human Relations for Career and Technical Education Teachers.
This course includes a study of methods of establishing and maintaining effective relationships with students, co-workers, families, business and industry, and community members. Strategies for teaching students and mentoring employees on the dynamics of human relations are highlighted.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5315. Leadership and Professional Development.
This course provides an overview of leadership approaches used in various educational, training, and workplace settings. Students will explore current research on leadership and engage in activities geared toward building leadership skills.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5320. Effective Methods of Teaching and Training.
This fundamental course is for trade and industrial educators seeking certification and technical trainers who are not seeking certification. It is designed to prepare them to apply effective teaching principles and techniques. Lesson plans will be prepared, classrooms managed, and practice teaching included.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5321. Work-based Learning in Career and Technical Education.
This course is intended for teacher coordinators of work-based programs in trades and industrial cooperative education. There is an emphasis on selection of occupations and training stations, student recruitment, instructional coordination in numerous on-the-job experiences, state and local reports, and recordkeeping requirements. Research is conducted on local districts.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5322. Teaching and Training as Professions.
This course emphasizes the professional requirements of teaching and training in a variety of settings. Professional topics include licensure and preparation for the profession, organizations, philosophical foundations of teaching and training, and the socio-political landscape of teaching and training. Research is conducted on reform efforts.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5323. Technology Applications.
This course covers the use of computers in the classroom or office. Topics include history of computers, philosophies of computer integration, research in computer use, overview of common computer programs, and history and use of the Internet.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5324. Human Performance in the Workplace.
The course provides an overview of current quality improvement strategies utilized in business and industry settings. Topics include the teaching of Human Performance Technology (HPT), organizational culture, teamwork, leadership, measuring improvement, statistical process control, and restructuring of work.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5330. Overview of Interdisciplinary Research.
Students will become familiar with various interdisciplinary research methods, learn concepts related to research, and conduct reviews and critiques of academic research articles. The application of academic research to practical problems will be emphasized.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5355. Career Education and Occupational Information in Career and Technical Education Guidance.
This course deals with the collection, evaluation, and interpretation of common occupational, career, and personal information. It includes an overview of current theory and research in occupational selection techniques, psychological and sociological factors in career selection, and job analysis. The emphasis is on the practical application in CTE settings.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5360. Organization Development in the Workplace.
This course introduces theories and practices related to organizational development (OD), including strategies to improve organizational, group, and individual performance. Topics include major theories, concepts, skills, and techniques for the practice of OD and the interventions used to lead and manage organization change in various contexts.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

CTE 5390. Independent Study in Career and Technical Education.
This is an independent study course involving the study of important and timely topics in CTE. Students complete the study at the direction of the faculty member. This course may be repeated with different topics with departmental permission.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from 3-peat Processing
Grade Mode: Standard Letter

Occupational Education (OCED)

OCED 5101. Instructional Skill Development.
Graduate assistants are required to enroll in this course to be prepared to instruct/assist with classes in Occupational/Career and Technology Education. Topics covered are essential teaching strategies, techniques, evaluation design, online instruction, and effective instructional, motivational techniques. This course does not earn graduate degree credit. Repeatable with different emphasis.
1 Credit Hour. 1 Lecture Contact Hour. 0 Lab Contact Hours.
Course Attribute(s): Graduate Assistantship|Exclude from Graduate GPA
Grade Mode: Leveling/Assistantships

OCED 5300. Interdisciplinary Research Methods.
Basic and advanced concepts related to interdisciplinary research. Special emphasis will be placed on technical writing skills, electronic analysis of databases, appropriate statistical treatment of data, development and validation of instruments, and interdisciplinary research design and procedures.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5301. Applied Interdisciplinary Research Part 1.
The instructional intent is to provide the graduate students with an opportunity to apply their research skills. Students are carefully monitored and mentored in initiating, performing, and documenting their individualized research project. Prerequisite: OCED 5300 with a grade of "C" or better and instructor approval.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5302. Applied Interdisciplinary Research Part 2.
This course is the final course in the interdisciplinary research series. It requires the development of a comprehensive final research report including extensive tables and graphs. Students must also be prepared to present the findings of the research to the Occupational Education faculty and students at the Graduate Research Forum. Prerequisite: OCED 5301 with a grade of "C" or better.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5303. Reflective and Experiential Learning Techniques.
This course prepares graduate students for a field-based practicum. Students learn reflection and experiential learning techniques useful in the domain of careers, workplace, and leadership. They also locate, develop, and propose a professional practicum experience. Corequisite: CTE 5330 with a grade of "C" or better.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5304. Professional Practicum.
This course engages students in a field based experience designed in OCED 5360C, the previous course in the sequence. Students implement their practicum of approximately 120 hours in a work-based setting and concurrently collect ongoing reflections of their experience.
3 Credit Hours. 1 Lecture Contact Hour. 8 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5310. Human Problems in the Workplace.
Overview of problems that supervisors, teachers, and co-workers encounter in business/industry, social service, military, or education. This range of problems interferes with communication, performance, and development of proficiency in school/work. Perspectives and reports on the incidence of these problems will be presented, as well as actions for these human problems.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5311. Technology, Change, and Innovation in Organizations.
This course provides students with opportunities to discover and apply theoretical perspectives on managing innovations within various organizational settings, such as work teams, departments, non-profits, governmental, businesses, and educational institutions.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5315. The Principles of Extramural Funding.
This course explores competencies of locating external agency funding for occupational, workforce, and leadership research, teaching and extension. The principles of producing a competitive proposal that includes multi-, cross- and inter-disciplinary collaborations are also discussed. The development of the grant proposal, implementation, budget, and evaluation plan will be emphasized.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5360B. Critical Thinking in the Workplace.
This course provides students with an opportunity to examine workplace decision making in terms of critical thinking. Current occupational approaches to critical thinking will be emphasized. Students will participate in simulations and case studies of critical thinking for the workplace.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Topics
Grade Mode: Standard Letter

OCED 5360F. The Basics of Extramural Funding.
Emphasizing professional relationships of mutuality, collaboration, and respect for the client system, this course helps students develop knowledge and skills to enhance organizational resources, particularly in developing programs, raising funds, writing grant proposals, and marketing.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Course Attribute(s): Exclude from 3-peat Processing|Topics
Grade Mode: Standard Letter

OCED 5361. Human Systems in the Workplace.
This course provides an overview of complexity science and systems theory. Students will explore how systematic inquiries are conducted within organizations, examine topics related to organizational dynamics, and apply systems theory to practical problems in organizations.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter

OCED 5362. Leadership Development.
This course examines leadership within the contexts of organization and workforce settings. Students will explore interdisciplinary approaches to leadership roles, topics related to leadership in organizations and the workplace, and practical application of leadership theories in real-life situations.
3 Credit Hours. 3 Lecture Contact Hours. 0 Lab Contact Hours.
Grade Mode: Standard Letter