



COLLEGE OF LETTERS AND SCIENCES

BACHELOR OF ARTS IN INTERDISCIPLINARY STUDIES

WITH AN INSPIRED TEACHING AND LEARNING PRELIMINARY MULTIPLE
SUBJECT TEACHING CREDENTIAL (CALIFORNIA)

A Customized Program for a Unique Education

A Bachelor of Arts in Interdisciplinary Studies is a popular major that allows you to develop your own unique yet rigorous degree program. Based on areas of expedience and interest, you'll participate in a broad and demanding program that will introduce you to the essential knowledge of different disciplines and guide you in discerning the connections across those disciplines. You'll participate in a well-rounded education designed to enhance reasoning, intellect, and ethical development with courses that include English and literature, social sciences, behavioral sciences, mathematics, humanities, natural sciences, and others. This rich and challenging path will prepare you for professional work in the changing modern world and global economy.

Program highlights:

- Coursework offered mostly online; please see catalog for specifics
- Use critical thinking for the collection, validation, analysis, and synthesis of information
- Demonstrate a deep and flexible understanding of chosen subject matter
- Integrate knowledge in a global context and engage in collaborative research across disciplines
- Recognize and appreciate the cultural perspectives of world views
- Employ technology for knowledge sharing using an interdisciplinary approach

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MAJOR IN INTERDISCIPLINARY STUDIES WITH AN INSPIRED TEACHING AND LEARNING PRELIMINARY MULTIPLE SUBJECT TEACHING CREDENTIAL (CALIFORNIA)

Academic Program Director: Joshua Olsberg; (559) 256-4908; jolsberg@nu.edu

The Bachelor of Arts in Interdisciplinary Studies and with a California Inspired Teaching in Learning Preliminary Multiple Subjects Teaching Credential provides a broad, rigorous education preparing candidates for a teaching career at the elementary level. The program introduces candidates to essential knowledge, connections across the disciplines, and applies knowledge of life beyond the University. This degree program gives candidates an enriched and thought-provoking curriculum incorporating content across subjects. This program prepares teacher candidates with the knowledge, skills and dispositions required for entry into California's teaching profession as a teacher. It is designed for multiple subject teacher candidates who will be dedicated to inspiring all PK-12 learners by ensuring for them: social emotional thriving, meaningful academic achievement, and equitable and inclusive learning communities. The program and courses meet the California Commission on Teacher Credentialing (CTC) requirements for a Preliminary Multiple Subjects Teaching Credential.

***Please Note:** To avoid interruptions to program progress and/or financial aid arrangements, students need to satisfy/pass the Basic Skills Requirement (e.g., CBEST) and Subject Matter Competency Requirement (e.g., CSET) prior to starting the multiple credential area method courses.

For additional information on credential requirements, please see the Sanford College of Education Credential Information section of the catalog.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate an understanding of interdisciplinary theory and the practice of critical thinking for the collection, validation, analysis, and synthesis of historical data and new information.
- Explain the integration of knowledge in a global context and engage in collaborative research across disciplines.
- Identify and appreciate the cultural perspectives of world view.
- Use information communications technology for knowledge sharing and the interdisciplinary approach.

Degree Requirements

To receive a Bachelor of Arts in Interdisciplinary Studies with an Inspired Teaching and Learning Multiple Subjects Teaching Credential (California), candidates must complete at least 180 quarter units as articulated below, 45 of which must be completed in residence at National University and 76.5 of which must be completed at the upper-division level, including a minimum 70.5 units of the University General Education. In the absence of transfer credit, additional general electives may be necessary to satisfy total units for the degree. The following courses are specific degree requirements. All candidates must meet California's Basic Skills Requirement and Subject Examination for Teachers (CSET) prior to starting the multiple subject credential method courses.

Students should refer to the section on undergraduate admission procedures for specific information on admission and evaluation as well as the Sanford College of Education Credential Information section of the catalog. All students receiving an undergraduate degree in Nevada are required by state law to complete a course in Nevada Constitution.

Preparation for the Major

(3 courses; 13.5 quarter units)

LIT 100*	Introduction to Literature <i>Prerequisite: ENG 100 and ENG 101</i>
HIS 410	California History <i>Prerequisite: ENG 100 and ENG 101</i>
MTH 209A*	Fundamentals of Mathematics I <i>Prerequisite: Accuplacer test placement evaluation or MTH 12A and MTH 12B</i>

* May be used to satisfy a General Education requirement.

Requirements for the Major

(26 courses; 112.5 quarter units)

Interdisciplinary Study Core Requirements

(6 courses; 27 quarter units)

BIS 301	Intro to Interdisc. Studies
ENG 350	Fundamentals of Linguistics <i>Prerequisite: ENG 100 and ENG 101</i>

MTH 301	Fundamentals of Mathematics II <i>Prerequisite: MTH 209A or Accuplacer test placement evaluation</i>
ART 329	World Art <i>Prerequisite: ENG 100 and ENG 101</i>
BIS 401	Interdisciplinary Practice: In <i>Prerequisite: BIS 301 and four additional courses from the major</i>
BIS 499	Interdisciplinary Studies Proj

Upper-Division Requirements

(5 courses; 22.5 quarter units)

COM 380	Democracy in the Info. Age <i>Prerequisite: ENG 100 and ENG 101</i>
HIS 320	Culture of Global Capitalism <i>Prerequisite: ENG 100 and ENG 101</i>
SCI 300*	Geography
BIS 405	Genetic Anthropology <i>Prerequisite: BIS 301, Recommended: Prior completion of: MTH 215</i>
MTH 410	Technology in Math Education <i>Prerequisite: MTH 215 or MTH 216A and MTH 216B or MTH 301</i>

INSPIRED TEACHING AND LEARNING PRELIMINARY MULTIPLE SUBJECT TEACHING CREDENTIAL REQUIREMENTS

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Students are required to take the courses in this sequence.

Prior to taking ITL 402, the candidate is required to submit a complete Credential Packet. This packet includes, but is not limited to, a background clearance and Negative TB test. To better understand these requirements, please refer to the Sanford College of Education's Credential Information section located in this catalog.

Prior to beginning any of the Multiple Subject Methods courses, the candidate must have completed all Foundation courses, passed CBEST (California Basic Educational Skills Test) and passed CSET (California Subject Examination Test).

There is an application process for applying to student teaching (clinical practice).

Each credential course (ITL) includes a required 4-hour field experience in one or more K-6 classrooms representing diverse student populations. The field experience is not associated with any clinical practice courses.

This coursework will not transfer as graduate-level credit to National University or any other University as it is part of an undergraduate degree program. Grades earned in graduate-level courses will be calculated as part of the student's undergraduate grade point average.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Integrate the knowledge needed for engaging/supporting all K-12 learners, including those with diverse learning needs.
- Integrate the knowledge needed for creating/maintaining effective learning environments for all K-12 learners, including those with diverse learning needs.
- Integrate the knowledge needed for making subject matter comprehensible for all K-12 learners, including those with diverse learning needs.
- Integrate the knowledge needed for designing/planning learning experiences for all K-12 learners, including those with diverse learning needs.
- Integrate the knowledge needed for assessing all K-12 learners, including those with diverse learning needs.
- Integrate the knowledge needed for being a legal, ethical, and professional educator for all K-12 learners, including those with diverse learning needs.
- Reflect critically about the application of the inspired teaching and learning principles.

Teacher Credential CORE Requirements

Multiple Subject Teaching Credential

(15 courses; 63 quarter units)

Introductory Core Requirement

(1 course; 4.5 quarter units)

ITL 400	Becoming a Teacher
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Students must complete ITL 400 and Credential Packet prior to beginning ITL 402.

Foundation Courses

(4 courses; 18 quarter units)

ITL 402	Context: Education in the U.S. <i>Prerequisite: ITL 400 and students must complete the credential packet.</i>
ITL 404	Learners and Learning I <i>Prerequisite: ITL 402</i>
ITL 406	Learners and Learning II <i>Prerequisite: ITL 404</i>
ITL 408	Design and Process of Teaching <i>Prerequisite: ITL 406</i>

Multiple Subject Credential Methods

(6 courses; 27 quarter units)

Prior to beginning any of the Multiple Subject Credential Area Method courses below, the candidate must successfully complete all Foundation courses, pass CBEST, pass CSET, and meet any other related program requirements. This coursework will not transfer as graduate-level credit to National University or any other University as it is part of an undergraduate degree program. Grades earned in graduate-level courses will be calculated as part of the student's undergraduate grade point average.

ITL 510	Language-Literacy: Foundations
ITL 512	Language/Literacy: Strategies <i>Prerequisite: ITL 510</i>
ITL 514	Language-Literacy: Assessment <i>Prerequisite: ITL 512</i>
ITL 516	Mathematics Integrative Design <i>Prerequisite: ITL 514</i>
ITL 518	Science Integrative Design <i>Prerequisite: ITL 516</i>
ITL 530	Optimized Learning Community

Student Teaching Requirements

(4 courses; 13.5 quarter units)

Prior to beginning any of the student teaching courses below, the candidate must successfully complete all Core, Multiple Subject Credential Area Method, and upper-division courses, pass CBEST, pass CSET, and submit a complete student teaching application. The student teaching application process must be completed at least three months prior to the candidate's intended start of student teaching. Student teaching placements in K-12 classrooms are made through a collaborative partnership of the university and respective school district. The student teaching placements must align to the CSET credential sought. Student teaching is unpaid and composed of at least 600 instructional hours (16-18 weeks of full-time student teaching) in designated K-12 classrooms.

Note: The two seminar courses below, ITL 551A and ITL 551B, are 2.25 quarter units each and will be taken concurrently with ITL 550A and ITL 550B, respectively.

ITL 550A	Student Teaching A <i>Corequisite: ITL 551A</i>
ITL 551A	Student Teacher Seminar A (2.25 quarter units) <i>Corequisite: ITL 550A</i>
ITL 550B	Student Teaching B <i>Prerequisite: ITL 550A, Corequisite: ITL 551B</i>
ITL 551B	Teacher Seminar B (2.25 quarter units) <i>Prerequisite: ITL 551A, Corequisite: ITL 550B</i>

Concentration in STEM (Science, Technology, Engineering, Mathematics)

A Concentration in STEM provides students with the depth and breadth of knowledge in science, technology, engineering and mathematics that prepares them to be successful in a digital classroom. Students will define, create and model team building and problem-based learning in an interdisciplinary environment that demonstrates an understanding of the integration of knowledge within and across the disciplines.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate how to integrate Science, Technology, Engineering, and Mathematics (STEM) to meet the needs of all learners.
- Create and model interdisciplinary learning environments that reflect team building and problem-based learning using technology.

Requirements for the Concentration

(5 courses, 22.5 quarter units)

SCI 400	History of Science <i>Prerequisite: One 4.5 quarter unit science course from the natural sciences.</i>
TED 306	21st Century Teaching Methods
MTH 410	Technology in Math Education <i>Prerequisite: MTH 215 or MTH 216A and MTH 216B or MTH 301</i>
BIS 405	Genetic Anthropology <i>Prerequisite: BIS 301, Recommended: Prior completion of: MTH 215</i>
TED 351	Teaching STEM Methods <i>Prerequisite: TED 305 or TED 306 or TED 320</i>

Note: Students will need a Taskstream account for portfolio work. Please refer to your Academic Program Director for more information (including fees).