

CERT Interdisc Design **Certificate in Interdisciplinary Design**

Under Review | Spring 2026

Proposal Information

Status

Active

Workflow Status

In Progress

Refresh  **Form Submission, Proposer**

collapse ▼

Submitted for Approval | Proposer

✓ Jason Moore | 9/05/2025 9:24 AM

Department Chair Approval, Honors College

Approved | Department Chair

✓ Jason Moore | 9/17/2025 9:37 AM

Registrar Technical Check Approval, Registrar Technical Check

Approved | Registrar Technical Check

✓ Michael Raine | 9/22/2025 8:18 AM

— Maggie Sumruld

College/School Approval, Honors College

Approved | College or School approver

✓ Naomi Yavneh Klos | 9/22/2025 9:43 AM

Library Approval, Main Campus Library

Approved | Library Approval

✓ Sever Bordeianu | 9/22/2025 10:33 AM

FSCC Member notification, Faculty Senate Curriculum Committee

Notification Sent | Faculty Senate Curriculum Committee Member

- ☒ Joe Anderson
- ☒ Laura Belmonte
- ☒ Sara Ice
- ☒ Mary Rice
- ☒ John Russell
- ☒ SueNoell Stone
- ☒ Jonathan Wheeler
- ☒ Kirsten Thomson
- ☒ Paulo Dutra
- ☒ Randi Archuleta
- ☒ Joan Lucas
- ☒ Julia So
- ☒ Jennifer Henry
- ☒ Christopher Holden
- ☒ Justine Ponce
- ☒ Isabella Goss
- ☒ Vanessa Ferguson

Faculty Senate Curriculum Committee Approval, Faculty Senate Curriculum Committee

Approved | Faculty Senate Curriculum Committee Chair

— Janet Vassilev

✓ Nicole Capehart

Approved. Thank you!

10/27/2025 6:01 PM

Provost Approval, Main Campus Provost

Approved | Provost

✓ Pamela Cheek | 10/30/2025 2:51 PM

Faculty Senate Approval, Faculty Senate

Waiting for Approval | Faculty Senate Approval

Nancy Middlebrook

Theresa Sherman

External Review - HED CIP code approval, External Review

Approval | HED CIP code approval

Michael Raine

Anna Gay

Reg. Final Approval/Processing, Registrar

Approval | Registrar final approval

Michael Raine

Maggie Sumruld

Notification, Proposer

Notification | Proposer

Jason Moore

EMRT notification, EMRT users

Notification | EMRT user

Enrollment Mgt Reporting Team

Notification, LoboTrax Team

Notification | LoboTrax Staff

Sherri DeLeve

Paula Freitag

Hannah Epstein

Allie Martinez

Glenda Johnson

Changes

- participants
- Proposed Effective Term and Year
- Certificate Requirements
- Interdepartmental Program
- Program Justification

Show All ▼

Proposal Information

Sponsoring faculty/staff member

Sponsoring faculty/staff email

Megan Jacobs

mejacobs@unm.edu

College

Honors College

Department

Honors College

Campus

Main Campus

Effective Term and Year

Proposed

Proposed Effective Term and Year

Spring 2026

Existing

Proposed Effective Term and Year

Fall 2023

Justification

Proposed

Program Justification

Updating list of approved courses towards certificate

Existing

Program Justification

The 12-credit transcribed Interdisciplinary Design Undergraduate Certificate will provide UNM undergraduate students with academic skills and practical experiences, preparing them for a range of career fields that rely on design thinking and design methods. The certificate consists of a minimum of 12 undergraduate credit hours. Students will select four courses from an approved list, including at least one course that provides an introduction on how to design. The courses must span at least three departments and two colleges. Upon successful completion of the requirements, students are awarded a transcribed Undergraduate Certificate in Interdisciplinary Design.

Broadly, the goal of the Undergraduate Certificate in Interdisciplinary Design is to promote the competitiveness of UNM graduates in both meeting market demands and empowering them as citizens. The purpose of the certificate is to enhance the interdisciplinary design capacity of students. This aligns with the UNM Mission, as this capacity—which comprises values, habits of mind, knowledge, and skills—prepares students not just to be problem solvers, but to frame and reframe problems that appear to be intractable, persistent, or are reproduced across solutions. Learning to frame and reframe problems empowers people to be engaged citizens capable of making change, to contribute to economies as producers of ideas that go beyond the ordinary, and to lead more satisfying lives because they have and know how to use their agency to make consequential decisions.

Program Category and Level

Program Category	Program Level	Degree, Minor, or Certificate Name
Certificate	Undergraduate	Certificate in Interdisciplinary Design
Proposed		
Certificate or Degree Type		
Certificate (undergraduate)		
Existing		
Certificate or Degree Type		
Proposed		
Degree/Certificate Level		
Undergraduate Certificate		
Existing		
Degree/Certificate Level		
--		
Is this program also offered online?		
No		

File Uploads

Document uploads

- Executive Summary.pdf

Associated Quali Forms

Select any associated course forms that exist

Select any associated program forms that exist

Catalog Information

Program Description

The Certificate in Interdisciplinary Design provides students with an interdisciplinary community of scholars at the University of New Mexico doing research, teaching, and service at the confluence of design thinking, interactive working processes, and community engagement. All undergraduate students, from a range of diverse perspectives and disciplines—ranging from the humanities to the arts, to architecture & planning, and computer science—are invited to apply.

Key student learning outcomes include conducting asset inventory, developing problem-solving skills through hands-on projects, and employing design thinking practices using ethical and culturally responsive methods for a range of diverse stakeholders. Other major student learning outcomes include community engagement, collaborative working methods, prototyping, and iterative processes in order to improve and reimagine communities.

Admissions Requirements

The certificate is only available to current undergraduate students already matriculated in an undergraduate degree-granting program (i.e. bachelor's degree program) at the University of New Mexico, regardless of the field of study. No application is necessary. Students will meet with advisement so they can certify that they have taken four courses from the approved list (must be in three different departments). Only courses with a grade of C or better will count toward the certificate credits.

Graduation Requirements

The certificate requires the completion of 12-credit hours from a list of approved courses, including at least one course that provides an introduction on how to design. Up to 6 credit hours may be completed in one department, including a maximum of 3 credit hours of independent study. Courses may double-count with major or elective requirements. A list of approved courses, and information for the Interdisciplinary Design faculty and staff advisors, may be found at the website: www.i-design.unm.edu

Professional Credential/Licensure Program Information

Proposed

License/Certification associated with program

No

Existing

License/Certification associated with program

--

Concentrations

Program Concentrations

Code	Title
Concentration Required	
No	

Certificate Information

Certificate Requirements

Certificate in
Interdisciplinary
Design Requirements

12
Total Credits

- Complete all of the following
 - Complete the following:
 - ARCH2151 - Design Thinking (3)
 - Earn at least 9 credits from the following:
 - ARCH450 - Design Leadership (3)
 - ARCH462 - Seminar (1 - 3)
 - ARTS1510 - Introduction to Electronic Arts (3)
 - ARTS445 - Text and Image: Graphic Design for Artists (3)
 - ARTS445 - Text and Image: Graphic Design for Artists (3)
 - ARTS447 - Augmented Spaces (3)
 - ARTS429 - Undergraduate Topics in Studio Art (1 - 6)
 - ARTS333 - Digital Fabrication (3)
 - ARTS429 - Undergraduate Topics in Studio Art (1 - 6)
 - CBE101 - Introduction to Chemical and Biological Engineering (1)
 - CBE102 - Addressing Societal Challenges using the Tools of Chemical and Biological Engineering (1)
 - ~~CS152L - Computer Programming Fundamentals (3)~~
 - ~~CS105L - Introduction to Computer Programming (3)~~
 - ~~CS251L - Intermediate Programming (3)~~
 - ~~CS365 - Introduction to Scientific Modeling (3)~~
 - ~~CS108L - Computer Science for All: An Introduction to Computational Science and Modeling (4)~~
 - ~~CS293 - Social and Ethical Issues in Computing (1)~~
 - HNRS2113 - Seminar in Fine Arts as Global Perspective (3)
 - UHON301 - Honors Seminar (3)
 - UHON402 - Honors Seminar (3)
 - UHON302 - Honors Seminar (3)

- UHON401 - Honors Seminar (3)
 - LAIS309 - Topics in Integrative Studies (1 - 3)
 - ~~OILS418 - Creativity in the Wild (1)~~
 - ~~OILS419 - Framing Wicked Problems (2)~~
 - OILS420 - Creativity and Technical Design (3)
 - OILS495 - Field Experience (1 - 6)
 - ~~ARCH2151 - Design Thinking (3)~~
 - **CE160L - Civil Engineering Design (3)**
 - **ECE484 - Photovoltaics (3)**
 - **CBE102 - Addressing Societal Challenges using the Tools of Chemical and Biological Engineering (1)**
 - **GEOG2115 - Information Design in Science and Society (3)**
 - **ME260L - Mechanical Engineering Design II (3)**
 - **ME160L - Mechanical Engineering Design I (3)**
- Up to 6 credit hours may be completed in one department, including a maximum of 3 credit hours of independent study.

Grand Total Credits: 12

Registrar Office Only

CM Program Code

CERT Interdisc Design

BANP

5.23.23 AG

Banner Program Code

CERT-IDDS-HC

Major Code

IDDS

Online Program Code

Online Major Code

Pre-major Program Code

Pre-major Major Code

CIP Code

300000

Concentration Inheritance

No

Catalog

Main Campus

Catalog Activation Date

07/31/23

Proposed

Notes

AG: removed inactive courses ARTS 141, ART 389 and UHON 201 from list before approving for 2023

MR, 5/23/23: Per Heather Mechler, approved for Multi-/Interdisciplinary Studies, General (30.0000); HED CIP and program approval not necessary for this program.

MR 9/17/25: removed 6 inactive courses from elective list.

Existing

Notes

AG: removed inactive courses ARTS 141, ART 389 and UHON 201 from list before approving for 2023

MR, 5/23/23: Per Heather Mechler, approved for Multi-/Interdisciplinary Studies, General (30.0000); HED CIP and program approval not necessary for this program.