

Date Submitted: 09/20/23 1:06 pm

Viewing: **DSGNMDS-IWDS : Design Studies: Integrated Wood Design Concentration**

Last approved: 12/14/21 11:35 am

Last edit: 10/17/23 10:26 am

Changes proposed by: melindas

Catalog Pages Using this Program

[Design Studies \(DSGN\)](#)

Submitter:	User ID:	melindas	Phone:
2763			
Program Status	Active		
Academic Level	Graduate		
Type of proposal	Concentration		
Select a reason for this modification			
Making Minor Changes to an Existing Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)			
Effective Catalog Year	Fall 2024		
College/School Code	Fay Jones School of Architecture and Design (ARCH)		
Department Code	Department of Architecture and Design Dean (ARCD)		
Program Code	DSGNMDS-IWDS		
Degree	MDES		
CIP Code			

In Workflow

1. ARCH Dean Initial
2. GRAD Dean Initial
3. Director of Curriculum Review and Program Assessment
4. Registrar Initial
5. Institutional Research
6. ARCD Chair
7. ENGR Dean
8. ARCH Dean
9. Global Campus
10. Provost Review
11. Graduate Council
12. Faculty Senate
13. Provost Final
14. Registrar Final
15. Catalog Editor Final

Approval Path

1. 09/20/23 1:21 pm
Melinda Smith (melindas):
Approved for ARCH Dean Initial
2. 09/20/23 2:47 pm
Ed Bengtson (egbengts):
Approved for GRAD Dean Initial
3. 10/09/23 5:17 pm
Lisa Kulczak (lkulcza): Approved for Director of Curriculum Review

- and Program
Assessment
4. 10/10/23 7:11 am
Gina Daugherty
(gdaugher):
Approved for
Registrar Initial
 5. 10/10/23 9:53 am
Doug Miles
(dmiles): Approved
for Institutional
Research
 6. 10/10/23 9:55 am
Melinda Smith
(melindas):
Approved for ARCD
Chair
 7. 10/10/23 4:14 pm
Kevin Hall (kdhall):
Approved for ENGR
Dean
 8. 10/10/23 4:31 pm
Melinda Smith
(melindas):
Approved for ARCH
Dean
 9. 10/10/23 4:32 pm
Suzanne Kenner
(skenner): Approved
for Global Campus
 10. 10/10/23 4:50 pm
Jim Gigantino
(jgiganti): Approved
for Provost Review
 11. 10/19/23 3:13 pm
Ed Bengtson
(egbengts):
Approved for
Graduate Council

History

1. May 5, 2020 by Lisa Kulczak (lkulcza)
2. May 11, 2020 by Lisa Kulczak (lkulcza)
3. Dec 14, 2021 by Melinda Smith (melindas)

04.0902 - Architectural and Building Sciences/Technology.

Program Title

Design Studies: Integrated Wood Design Concentration

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

Yes

College(s)/School(s)

College/School Name

College of Engineering (ENGR)

What are the total hours needed to complete the program? 36

Program Requirements and Description

Requirements

Additional requirements for the concentration in Integrated Wood Design:

<u>ARDS 6833</u>	<u>Wood Theories, Tectonics and Environmental Response</u>	<u>3</u>
<u>ARDS 6843</u>	<u>Advanced Wood Production Processes</u>	<u>3</u>

Dependent upon previous coursework and experience, the remaining 6 hours of graduate-level, elective courses may be selected from CVEG, MEEG, INEG, ENDY, SUST and courses from the School of Forestry and Natural Resources at the University of Arkansas at Monticello. These elective courses require approval from the Graduate Advisor. 6

SUST-5103 Foundations of Sustainable and Resilient Systems

SUST-5203 Decision Making, Analysis and Synthesis in Sustainability

CVEG-4353 Timber Design

Dependent upon previous coursework and experience, the remaining 6 hours of graduate-level, elective courses may be selected from CVEG, MEEG, INEG, ENDY and courses from the School of Forestry and Natural Resources at the University of Arkansas at Monticello. These elective courses require approval from the Graduate Advisor. 6

Total Hours

12

Are Similar Programs available in the area?

No

Estimated Student n/a

Demand for Program

Scheduled Program 2025-2026 See

Review Date DSGNMDS

Program Goals and Objectives

Program Goals and Objectives

While professional architects, landscape architects, and interior designers may pursue professional licensure through accredited baccalaureate degrees, there is a growing demand for expertise and specialized knowledge on emerging and critical issues, extending design education in contemporary settings. The current proposal is a Master of Design Studies degree serving as structure for specific areas of concentration initially including Resiliency Design and Retail and Hospitality Design. Utilizing strengths across the University of Arkansas campus, the M.Des. is a 36 credit hour program that includes 24 hours of core courses and 12 elective credit hours for each concentration. The course offerings are combined with a professional residency to immerse students in these areas of study. This program will prepare graduates to secure leadership positions in architecture and design firms, municipalities, and business settings where advanced knowledge and skills are increasingly required for success. See DSGNMDS

Enable graduates to pursue careers grounded in the design, manufacturing, and construction of wood and timber environments and products.

Enhance state and regional resources and economic development with the advanced study and design of wood and timber environments.

Develop learning resources in emerging technologies and fabrication processes benefitting individual goals and industry demands.

Learning Outcomes

Learning Outcomes

- Generate comprehensive design solutions to resolve emerging and complex issues within specific domains. See **DSGNMDS**
- Identify and apply appropriate design strategies necessary to resolve complex design scenarios in specific sites and in global systems.
- Demonstrate creative problem solving across multiple environmental scales with competing needs and multiple constraints.
- Interpret existing knowledge in a contemporary context for the purpose of generating innovative design solutions.
- Demonstrate the ability to address the cultural, social, political, environmental, and economic aspects of contemporary design contexts.
- Identify through appropriate methods of inquiry emerging and critical issues relative to a range of environmental typologies and scales.
- Articulate the interconnected spatial, environmental, and technical systems that inform design solutions utilizing emerging wood and timber technologies.
- Implement cutting-edge technologies and the production and manufacturing of wood products to create safe and sustainable structures.
- Identify emerging and critical issues in the domain of wood relative to a range of building scales and typologies.
- Generate comprehensive design solutions to resolve emerging and complex issues utilizing timber and wood technologies.

Description and justification of the request

Description of specific change	Justification for this change
We cleaned up the course list table in the CIM block. The hours were not adding up correctly, so we made necessary edits for clarification.	For ease of understanding the catalog copy.

Upload attachments

Reviewer Comments

- Lisa Kulczak (lkulcza) (10/09/23 4:58 pm):** Updated scheduled program review date, added program goals/learning outcomes.
- Lisa Kulczak (lkulcza) (10/09/23 4:59 pm):** ATTENTION REGISTRAR: Please remove Undergraduate Council from workflow.
- Gina Daugherty (gdaugher) (10/10/23 7:10 am):** Removed Undergraduate Council from workflow.

Lisa Kulczak (lkulcza) (10/17/23 10:26 am): Adjusted program review date; DSGNMDS and all concentrations will be reviewed together in 2025-2026.

Key: 761