

Date Submitted: 10/04/18 2:13 pm

Viewing: **DSGNMDS : Design Studies, Master of Design Studies**

Last approved: 05/21/18 4:33 pm

Last edit: 11/06/18 11:48 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 Major/Field of Study

Select a reason for this modification

Adding an Option, Concentration or Emphasis--(LON 3)

Are you adding a concentration?

Yes

Concentration(s):

### In Workflow

1. ARCH Dean Initial
2. GRAD Dean Initial
3. Provost Initial
4. Director of Program Assessment and Review
5. Registrar Initial
6. Institutional Research
7. ARCD Chair
8. ENGR Dean
9. EDUC Dean
10. GRAD Dean
11. ARCH Dean
12. Global Campus
13. Provost Review
14. University Course and Program Committee
15. Graduate Committee
16. Faculty Senate
17. Provost Final
18. ADE Licensure Approval
19. Provost's Office-- Documentation sent to System Office
20. Higher Learning Commission
21. Board of Trustees
22. ADHE Final
23. Provost's Office-- Notification of Approval
24. Registrar Final

## 25. Catalog Editor Final

**Approval Path**

1. 06/16/18 5:13 pm  
Melinda Smith  
(melindas):  
Approved for ARCH  
Dean Initial
2. 06/17/18 3:34 pm  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
3. 08/22/18 2:36 pm  
Terry Martin  
(tmartin): Rollback  
to Initiator
4. 09/25/18 2:05 pm  
Melinda Smith  
(melindas):  
Approved for ARCH  
Dean Initial
5. 09/25/18 2:24 pm  
Pat Koski (pkoski):  
Approved for GRAD  
Dean Initial
6. 09/27/18 1:40 pm  
Terry Martin  
(tmartin): Approved  
for Provost Initial
7. 09/28/18 12:03 pm  
Alice Griffin  
(agriffin): Rollback  
to Initiator
8. 10/04/18 2:13 pm  
Melinda Smith  
(melindas):  
Approved for ARCH  
Dean Initial
9. 10/04/18 2:59 pm  
Pat Koski (pkoski):

- Approved for GRAD  
Dean Initial
10. 10/10/18 7:47 am  
Terry Martin  
(tmartin): Approved  
for Provost Initial
  11. 10/17/18 2:11 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Program  
Assessment and  
Review
  12. 10/17/18 2:35 pm  
Lisa Kulczak  
(lkulcza): Approved  
for Registrar Initial
  13. 10/17/18 2:36 pm  
Gary Gunderman  
(ggunderm):  
Approved for  
Institutional  
Research
  14. 10/17/18 2:56 pm  
Melinda Smith  
(melindas):  
Approved for ARCD  
Chair
  15. 10/31/18 11:03 am  
Norman Dennis  
(ndennis): Approved  
for ENGR Dean
  16. 11/02/18 4:19 am  
Ketevan  
Mamiseishvili  
(kmamisei):  
Approved for EDUC  
Dean
  17. 11/02/18 8:18 am  
Pat Koski (pkoski):

- Approved for GRAD  
Dean
18. 11/02/18 8:38 am  
Melinda Smith  
(melindas):  
Approved for ARCH  
Dean
19. 11/05/18 12:47 pm  
Miran Kang (kang):  
Approved for Global  
Campus
20. 11/05/18 1:51 pm  
Terry Martin  
(tmartin): Approved  
for Provost Review

### History

1. May 21, 2018 by  
Melinda Smith  
(melindas)

Action	Code	Title
Add new	RHOS	Retail and Hospitality
Add new	RDES	Resiliency Design
Add new	IWDS	Integrated Wood Design

Are you adding a track? No

Are you adding a focused study? No

Effective Catalog Year Fall 2020

College/School Code Fay Jones School of Architecture and Design(ARCH)

Department Code Department of Architecture and Design Dean (ARCD)

Program Code DSGNMDS

Degree Master of Design Studies

CIP Code

04.0201 - Architecture.

## Program Title

Design Studies, Master of Design Studies

## Program Delivery

## Method

On Campus

Is this program interdisciplinary?

No

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

Yes ~~No~~

## College(s)/School(s)

College/School Name
College of Engineering(ENGR)
College of Education and Health Professions(EDUC)
Graduate School(GRAD)

What are the total  
hours needed to  
complete the  
program?

36

## Program Requirements and Description

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### Requirements

**Requirements for the Master of Design:** The program can be completed in 1 year (3 semesters including 2 full-time, on-campus semesters combined with an off-campus, summer residency component). The curriculum includes two advanced design studios addressing increasingly complex challenges resolved first through the synthesis of multiple knowledge domains and moving to scenarios for which there are unidentified constraints and unknown methods for solution.

The M.Des. program requires 36 credit hours. Core courses comprise 24 credit hours and each concentration requires an additional 12 credit hours of elective coursework.

### Core Courses

<a href="#">FJAD 6723</a>	Methods of Design Inquiry	3
<a href="#">FJAD 6803</a>	Design Leadership	3
<a href="#">FJAD 6906</a>	Advanced Design Studio	6
<a href="#">FJAD 6916</a>	Advanced Design Studio II	6
<a href="#">FJAD 6926</a>	Graduate Residency	6
Total Hours		24

**12 HOURS OF ELECTIVES:**

Students pursuing the Integrated Wood Design concentration will choose 6 hours from SUST 5103 Analysis and Design of 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 Civil, Mechanical, Industrial Engineering, Environmental Dynamics, and/or the School of Forestry and Natural Resources at the University of Arkansas at Monticello. These substitutions require approval from the Graduate Advisor.

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 10-15 a year

Scheduled Program Review Date **2024-2025** ~~2025~~

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.

- **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**

### Learning Outcomes

- Generate comprehensive design solutions to resolve emerging and complex issues within specific domains.
- 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**

Description of specific change	Justification for this change
<p>The University of Arkansas and the Fay Jones School of Architecture and Design proposes a new concentration addressing contemporary challenges relative to increasing demand for expertise in wood materials and expanding industrial production of emerging engineered wood products. An Integrated Wood Design concentration will provide post-professional graduate study in one of the most rapidly growing areas of design and construction.</p>	<p>The Integrated Wood Design concentration will provide post-professional design education in this rapidly growing market segment. The concentration specifically provides intellectual development and knowledge dissemination, making available value-added expertise and skill in timber and wood products that underpin one of the state's major industries and assets. The curriculum combines existing and new coursework and growing expertise to provide time- and cost-effective value to existing professional design degrees. The Master of Design Studies with a concentration in Integrated Wood Design is available to new graduates as well as experienced practitioners seeking professional value and career advancement through this course of study.</p> <p>No similar program exists within Arkansas or the neighboring states. Led by Europe and Canada, tremendous advances have been made in the design, engineering, production, fabrication, and application of wood products for the construction industry in the last 15 years. The U.S. now is being tapped for its timber resources, manufacturing capacity, and wood design/engineering expertise, yet there is a dearth of timber design education at universities across the country. Arkansas' wide availability of timber, existing educational programs in forestry and forest technology, central geographic location, and the U of A's current investment in timber architecture affords resources to these educational and professional prospects essential to the state's economic expansion.</p>

#### Upload attachments

[DSGNMDS-IWDS - New Option - Ltrs of Support.pdf](#)

[DSGNMDS-IWDS - New Option - Ltr of Notification.docx](#)

#### Reviewer Comments

**Lisa Kulczak (lkulcza) (07/30/18 12:33 pm):** Added "Design" to existing Retail and Hospitality concentration; was included in the original proposal for the degree on the Proposal/LOI, but not indicated on CourseLeaf form.

**Terry Martin (tmartin) (08/22/18 2:36 pm):** Rollback: Please clarify in the LON that the new faculty line from the Provost is one of the faculty lines committed to Dean MacKeith as part of a previous commitment.

**Alice Griffin (agriffin) (09/28/18 12:03 pm):** Rollback: Rolling back at School's request.

**Alice Griffin (agriffin) (10/11/18 9:31 am):** Reformatted LON to match BOT requirements and naming convention. Changed SUST 5103 course title to match title in course inventory. Changed



SUST 5202 to SUST 5203 and updated course title. College is encouraged to review.

**Alice Griffin (agriffin) (10/11/18 9:45 am):** Hyperlinked courses in the elective paragraph to include course subject, number, and course title for accuracy.

**Alice Griffin (agriffin) (10/11/18 9:47 am):** Renamed Letters of Support document to match BOT naming convention.

**Alice Griffin (agriffin) (10/17/18 2:11 pm):** Note, approval dates will need to be entered on LON, when request reaches UCPC.

**Ketevan Mamiseishvili (kmamisei) (11/02/18 4:18 am):** Deleted PBHL 6553 Environmental Health from the elective options. At this time PBHL program is unable to offer this course.

**Alice Griffin (agriffin) (11/06/18 11:47 am):** Inserted approval dates into LON and also removed PBHL 6553 course from electives (See KM note).

Key: 631