

## Master of Design in Sustainable Environments Double Graduate Degree Program

A double degree requires fulfillment of the requirements for two graduate majors for which two differently named master's degrees and two diplomas are granted at the same time. For double degrees, the final project (thesis or creative component) must integrate subject areas from both departments.

Only one committee appointment form and one program of study form need to be submitted for the two degrees.

The proposal will be reviewed by the departments' curriculum committee, by the related college curriculum committees, by the Graduate Curriculum and Catalog Committee, by the Graduate Council, by the Graduate College, and by the Dean of the Graduate College.

### The Proposal for Double Degree Programs

The proposal for double degree programs should include the following information:

1. Name of the programs or majors

Master of Design in Sustainable Environments and Master of Architecture Double Graduate Degree

Master of Design in Sustainable Environments and Master of Community and Regional Planning Graduate Degree

Master of Design in Sustainable Environments and Master of Fine Arts in Integrated Visual Arts Double Graduate Degree

Master of Design in Sustainable Environments and Master of Landscape Architecture Double Graduate Degree

2. Name of the degrees

M Arch/M.Des.S.E., M CRP/ M.Des.S.E., MFA IVA/ M.Des.S.E., and M L A/M.Des.S.E.

3. Name of the department(s) which administer(s) the program(s)

The College of Design "Interdisciplinary Programs" administers the MDesSE program. As an interdisciplinary degree, the Master of Sustainable Environments is part of the College of Design "Design Studies." The program director reports to the College of Design Associate Dean for Academic Programs and is supported by an administrative assistant and other staff members of the College of Design administrative service office. The Department of Architecture administers the Master of Architecture program, the Department of Community and Regional Planning administers the Master of Community and Regional Planning program, the Department of Art and Visual Culture administers the Master of Fine Arts in Integrated Visual Arts program and the Department of Landscape Architecture administers the Master of Landscape Architecture program.

4. Rationale for the double degree program

The Master of Design in Sustainable Environments is a post-professional degree that builds on the professional knowledge and training students acquire in the M Arch, M CRP, MLA and MFA programs respectively. Increasingly, knowledge in sustainability is becoming an integral part of art, planning and design professional and academic practices. Accordingly, pursuing both degrees prepares the students to be more competitive in the job market as well as acquire an interdisciplinary sub-specialty in their own disciplines. Since the initiation of the MDesSE degree in fall 2014, twelve College of Design graduate students have requested to pursue a concurrent degree with MDesSE distributed as follows: 9 M Arch, 1 M CRP and 3 M LA.

5. Admission procedures and requirements

Students may apply to one of the double degrees before they join Iowa State or after being enrolled in any of the four programs. In either case students need to fulfill the admission

## Master of Design in Sustainable Environments Double Graduate Degree Program

requirements of both degrees (as published on the graduate college website), and their application will be reviewed by both programs admission committees for approval.

### 6. Requirements of the program

Requirements for the M Arch/MDesSE are 105 credits that cover all the core courses of both degrees in addition to 6 credits of electives (see M Arch/MDesSE schedule of courses attached).

Requirements for the M CRP/MDesSE are 55-57 credits that cover all the core courses of both degrees in addition to 3 credits of electives (see M CRP/MDesSE schedule of courses attached).

Requirements for the MFA in IVA/MDesSE are 75 credits that cover all the required core of both degrees (see MFA in IVA/MDesSE schedule of courses attached).

Requirements for the M LA/MDesSE are 91 credits that cover all the required core of both degrees in addition to 9 credits of electives (see M LA/MDesSE schedule of courses attached)

### 7. Expected enrollment

Six to twelve students each year.

### 8. Attached memos showing approval by appropriate department and college committees, faculty, and administrators.

Approved at the College of design AAC meeting on October 20, 2015, 8-0

### 9. Name(s) of the proposal contact(s)

Cameron Campbell, Associate Professor  
Associate Dean for Academic Programs  
Department of Architecture  
Iowa State University  
cameronc@iastate.edu  
1 515 294 8881

Marwan Ghandour, Professor  
Department of Architecture  
Director of Master of Urban Design  
Director of Master of Design in Sustainable Environments  
Iowa State University  
marwang@iastate.edu  
1 515 294 3543

## Double degree M Arch - M Des S E

cr

cr

**M Arch (req. 100) 79**

**MDesSE (req. 35) 26**

first fall	Arch 505	5			
	Arch 541	5			
	Arch 595	5			
	<b>15</b>				<b>0</b>
first spring	Arch 506	5			
	Arch 541	5			
	Arch 596	5			
	<b>15</b>				<b>0</b>
first summer	Arch 507	5			
	Arch 581	5			
<b>10</b>				<b>0</b>	
second fall	Arch 601	6	countes for Sus E elective	Sus E 550x	3
	Arch 643	3			
	Arch 597	3			
	<b>12</b>				<b>3</b>
second spring	DsnS 546	6		Sus E 531	3
	Arch 644	3			
	Arch 598	3			
<b>12</b>				<b>3</b>	
second summer					
<b>0</b>				<b>0</b>	
third fall	Arch 403	6		Sus E 511	3
	Arch 582	3		Sus E 521	3
	<b>9</b>				<b>6</b>
third spring	Elective	3		Sus E 501	5
	Elective	3		Sus E 512	1
				Sus E 540x	3
	<b>6</b>				<b>9</b>
third summer				Sus E 502	5
<b>0</b>				<b>5</b>	

### Double degree M CRP - MDesSE

	cr		cr
	M CRP (req. 48) 29		MDesSE (req. 35)26
first fall	CRP 563	3	counts CRP elect
	CRP 564	3	Sus E 550x
	CRP 566	3	count Sus E elec
	<b>9</b>		<b>3</b>
first spring	CRP 561	3	Sus E 531
	CRP 568	3	
	CRP elective	3	
	<b>9</b>		<b>3</b>
first summer			
	<b>0</b>		<b>0</b>
second fall	CRP 532	4	Sus E 511
	CRP 592	3	Sus E 521
	<b>7</b>		<b>6</b>
second spring	CRP 599	2	or 699 (4cr)
			Sus E 501
			Sus E 512
			Sus E 540x
<b>2</b>		<b>9</b>	
second summer	CRP 599	2	or 699(2cr)
			Sus E 502
<b>2</b>		<b>5</b>	

**Double degree in MFA in IVA - M Des S E**

cr

cr

**MFA IVA (req. 60) 49**

**MDesSE (req. 35) 26**

first fall	ArtIS studio	3		
	ArtIS studio	3		
	Art H	3		
	<b>9</b>			<b>0</b>
first spring	ArtIS studio	3		
	ArtIS studio	3		
	ArtIS 571	2		
	Art H	3		
<b>11</b>			<b>0</b>	
first summer				
	<b>0</b>			<b>0</b>
second fall	ArtIS studio	3		SusE 521 3
	Art H	3		
<b>6</b>			<b>3</b>	
second spring	ArtIS studio	3		Sus E 531 3
	ArtIS studio	3		
	ArtIS 571	2		
<b>8</b>			<b>3</b>	
second summer				
	<b>0</b>			<b>0</b>
third fall	ArtIS studio	3		Sus E 511 3
	Art H	3		Sus E 550x 3
	<b>6</b>			<b>6</b>
third spring	ArtIS studio	3		Sus E 501 5
				Sus E 512 1
				Sus E 540x 3
<b>3</b>			<b>9</b>	
third summer /fourth fall	Thesis	6		Sus E 502 5
	<b>6</b>			<b>5</b>

## Double degree M LA - M Des S E

cr

cr

**M LA (req. 82) 65**

**MDesSE (req. 35) 26**

first fall	LA 571	3			
	LA 601	3			
	LA 578D/590D	3			
	Planning elec	3			
	<b>12</b>				<b>0</b>
first spring	LA 602	6			
	LA 557	3			
	LA 543	1			
	conc elec	3			
<b>13</b>				<b>0</b>	
first summer	<i>!ALL: Lakeside Lab</i>		<i>4 credit optional elective, varied courses</i>		
<b>0</b>				<b>0</b>	
second fall	LA 603	6	LA conc elective	SusE 521	3
	LA 581	3			
	LA 522	3	counts for Sus E elec		
<b>12</b>				<b>3</b>	
second spring	LA 604	6		Sus E 531	3
	LA 583	3			
	LA 541	3			
<b>12</b>				<b>3</b>	
second summer					
<b>0</b>				<b>0</b>	
third fall	LA 605	6		Sus E 511	3
	LA 545	1	counts for LA theory elec	Sus E 550x	3
	Elective	3			
<b>10</b>				<b>6</b>	
third spring	LA 542	3	counts for Dsn 546	Sus E 501	5
	LA 593	3		Sus E 512	1
			counts for LA conc elec	Sus E 540x	3
<b>6</b>				<b>9</b>	
third summer				Sus E 502	5
<b>0</b>				<b>5</b>	

27 May 2016

To Whom It May Concern:

As Chair of the Academic Affairs Committee in the College of Design, I confirm that the committee supports the following dual-degree programs as recorded in the vote of 8-0 at the October 20, 2015 College of Design AAC meeting.

- Master of Design in Sustainable Environments and Master of Architecture Double Graduate Degree
- Master of Design in Sustainable Environments and Master of Community and Regional Planning Double Graduate Degree
- Master of Design in Sustainable Environments and Master of Fine Arts in Integrated Visual Arts Double Graduate Degree
- Master of Design in Sustainable Environments and Master of Landscape Architecture Double Graduate Degree
- Master of Urban Design and Master of Architecture Double Graduate Degree
- Master of Urban Design and Master of Community and Regional Planning Double Graduate Degree
- Master of Urban Design and Master of Landscape Architecture Double Graduate Degree

Please do not hesitate to contact me if you have any further questions or concerns.

Best Regards,



Carl Rogers, PLA  
Associate Professor, Department of Landscape Architecture  
Co-Director, Iowa State University Community Design Lab  
<http://research.design.iastate.edu/communitydesignlab/>  
Iowa State University

# IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

Graduate College  
1137 Pearson Hall

16 June 2016

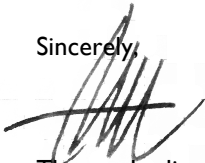
To Whom It May Concern:

I am pleased to confirm my enthusiastic support for our double degree programs, the Master's in Urban Design and the Master's in Sustainable Development. Both degree programs have been popular choices for students in our M.Arch. program, as they extend that curriculum into two areas that are vitally important and increasingly valuable in practice.

Our international students have been particularly enthusiastic about these programs, making them important recruitment tools in addition to their academic and intellectual value.

Please do not hesitate to contact me if I can provide further support for these vital degree programs.

Sincerely,

A handwritten signature in black ink, appearing to read 'T. Leslie', written over a horizontal line.

Thomas Leslie, AIA  
Pickard Chilton Professor in Architecture and Director of Graduate Education  
Department of Architecture



# IOWA STATE UNIVERSITY

**Department of Art and Visual Culture**

**College of Design**

**715 Bissell Road**

**Ames, Iowa 50011-3091**

**515 294-6743**

**FAX 515 294-2725**

**<http://www.design.iastate.edu>**

27 May 2016

To Whom it May Concern:

As Chair of the Curriculum Committee and departmental representative to the Academic Affairs Council in the College of Design, I confirm that the faculty of the Department of Art and Visual Culture supports the following dual-degree programs:

- Master of Design in Sustainable Environments and Master of Architecture Double Graduate Degree
- Master of Design in Sustainable Environments and Master of Community and Regional Planning Double Graduate Degree
- Master of Design in Sustainable Environments and Master of Fine Arts in Integrated Visual Arts Double Graduate Degree
- Master of Design in Sustainable Environments and Master of Landscape Architecture Double Graduate Degree
- Master of Urban Design and Master of Architecture Double Graduate Degree
- Master of Urban Design and Master of Community and Regional Planning Double Graduate Degree
- Master of Urban Design and Master of Landscape Architecture Double Graduate Degree

Please do not hesitate to contact me if you have any further questions or concerns.

Sincerely,

Emily K. Morgan  
Assistant Professor of Art History  
Department of Art and Visual Culture  
College of Design

# IOWA STATE UNIVERSITY

Department of Art and Visual Culture

College of Design

715 Bissell Road

Ames, Iowa 50011-3091

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<http://www.design.iastate.edu>

May 31, 2016

Cameron Campbell, Associate Dean  
134 College of Design

Dear Cameron,

The dual degree involving our Master of Fine Arts in Integrated Visual Arts (MFA, IVA) and the Master of Sustainable Design of Environments (MDesSE) will uniquely position students interested in sustainability and art to become change agents within their communities. They will have the means for developing socially aware projects while creating new ways to define the meaning of art.

We offer our unequivocal support for new program. We anticipate this has strong potential in graduate recruiting. There are already a number of current graduate students who have interest in issues of sustainability and who might benefit from the dual degree. Additionally, the program creates distinction for the department, college, and university.

Sincerely,

*Ingrid Lilligren*

Ingrid Lilligren  
Professor and Chair

# IOWA STATE UNIVERSITY

Department of Community and  
Regional Planning

College of Design

Ames, Iowa 50011-3091

515 294-2557

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<http://www.design.iastate.edu>

May 31, 2016

Cameron Campbell  
Associate Dean for Academic Affairs  
College of Design

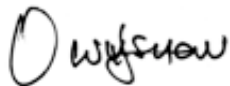
Dear Associate Dean Campbell:

The Community and Regional Planning Department is pleased to support the proposed Masters of Community and Regional Planning (MCRP)/Masters of Urban Design (MUD) and Masters of Community and Regional Planning (MCRP)/Masters of Design in Sustainable Environments (MDesSE) double degrees.

These double degrees would provide our students the opportunity to explore and expand their expertise in urban design and sustainability. The programs have been attractive to many prospective students and will be helpful in our recruitment efforts. We also encourage our students to become proficient in these areas in to diversify their education and increase their job marketability. Indeed, some MCRP students are enrolled in these double degree programs.

If you have any questions or would like further information about our courses, please feel free to contact me.

Sincerely,



Francis Owusu, Ph D.  
Professor and Chair  
Department of Community & Regional Planning  
Iowa State University  
College of Design  
Phone: (515) 294-7769  
E-mail: [fowusu@iastate.edu](mailto:fowusu@iastate.edu)



June 13, 2016

MEMO

To: whoever it may concern in the Graduate Council and Graduate College

From: Mira Engler, Director of Graduate Education *M.E.*  
Landscape Architecture Department

This memo is in strong support of the double degree of the masters of Landscape Architecture (MLA) and master of Design in Sustainable Environment (MDesSE). The department of landscape architecture has been actively involved in crafting and promoting this double degree in the past year. We believe that the combined knowledge, skills, and interdisciplinary nature of the Landscape architecture and Sustainable Environments programs is of great interest to our students and present an excellent opportunity for our students to become proficient in the sub-specialty of Sustainable Environments as well as more competitive in the job market. The department stands to benefit from collaborative work with faculty in related disciplines as well as potentially from increase in number of applicants interested in both programs.