



## University Courses & Curricula Committee 2017-2018

February 7, 2018  
 Talley Student Union 4140  
 12:45pm-2:45pm

### Call to Order 12:45pm

- Welcome from Chair Helmut Hergeth
- Remarks and Updates from OUCCAS/DASA
- Approval of UCCC January 24<sup>th</sup> 2018 Minutes
- Course and Curricular Business

### New Business

#### College of Natural Resources

Presenter	Reviewers	Action	Type
Lindsay	Robinson, Cherry, Griffin Hillis	<a href="#">FOR 472 Forest Soils</a>	New Course

#### College of Design

Presenter	Reviewers	Action	Type
Rieder	Trivedi, Hessling, Bruce	BA Design Studies (12DSBA)	Revisions to 8 semester display

#### College of Humanities and Social Sciences

Presenter	Reviewers	Action	Type
Despain	Ferguson, Lindsay, Kotek	<a href="#">COM 289 Science Communication and Public Engagement</a>	New Course
Despain	Orphanides, Fath, Rieder	<a href="#">FL/ECI 436/(536) Perspectives on English as a New Language</a>	Revisions: Course number, dual-level, crosslisting, prerequisites, SLOs
Cherry	Kuzenski, Krause, Carlson Welch	<a href="#">PA 498 Special Topics in Public Administration</a>	New Course
Cherry	Nadvi, Serancino, Klesath	<a href="#">REL 220 Religion in the Contemporary World</a>	New Course

### Discussion: Process Mapping

#### Notes:

- All linked course actions are viewable in CIM.
- To view actions, please click on the hyperlink. You may need to use your Unity ID to log in.
- If you experience issues logging in, please go to <https://next-catalog.ncsu.edu/courseadmin/> and type the course prefix and number into the search bar.

### SLO = Student Learning Outcomes

**University Courses and Curricula Committee**January 24, 2018  
Talley Student Union 4140  
Call to Order: 12:45 pm

**Members Present:** Chair Helmut Hergeth, Chair Elect Marta Klesath, Walter Robinson, Edwin Lindsay, Annie Carlson Welch, Elizabeth Fath, Andreas Orphanides, Megan Cherry, Kathleen Rieder, John Kuzenski, Walter Robinson, Peter Hessling, Scott Despain, Rudi Seracino, Berkley Griffin Hillis, Shweta Trivedi, Erin Peterson,

**Members Absent:** Richard Kotek, Wendy Krause, Zeenat Nadvi, Jackie Bruce, Scott Ferguson

**Guest:** Melissa Merrill, Fredrick Parker, Jane Lubischer

**Ex-Officio Members Present:** Lexi Hergeth, Li Marcus, Tim Petty, Lindsey Mihalov, Charles Clift

**WELCOME AND INTRODUCTIONS**

- **Remarks from Chair** - Welcomed the committee members introduced guests.
- **Remarks from OUCCAS/DASA-** Li Marcus thanked the committee for the feedback on the Process Approval Map and informed the committee that dual level course paths will be added to the map. Li also reminded the committee that CIM training will be available Friday January 26, 2018 from 1-3 in the College of Textiles.
- **Approval of the Minutes from January 10<sup>th</sup> 2017 – Approved Unanimously**
  - Discussion: Member Edwin Lindsay moved to approve. Minutes from the previous meeting were presented and approved without further discussion.

**NEW BUSINESS**

- **Consent Agenda -Approved Unanimously**  
*Paper Science Engineering name change.*  
Discussion: Member Scott Despain moved to approve.
- **BIO 416 Cancer Cell Biology-Approved with Friendly Suggestions**  
Discussion: Member Walter Robinson presented the course. Member notice the catalog description has a grammatical errors, the beginning "Focus will be on..." and a period at the end of the third to last sentence. Member commented that there are not PRRs do not include S/U grading. Li Marcus responded that this course does not include the S/U grading option, so adding this to the syllabus would be confusing.
- **BIO 418 Cell Biology Research Lab-Approved Unanimously**  
Discussion: Member Walter Robinson presented the course. Member asked if there are any safety issues that should be addressed for the lab. Guest Jane Lubischer responded that the first week of the course will cover all safety regulations and there is minimal risk to any students.
- **GPH/ST 404 Epidemiology and Statistics in Global Public Health –Approved Unanimously**  
Discussion: Member Walter Robinson presented the course.
- **MEA 493 Special Topics in MEAS–Approved Unanimously**  
Discussion: Member Marta Klesath presented the course.
- **Adding GPH/ST 404 to 6 elective lists: (17MBIOHS) (17GNBS) (17BIOSCHB) (17BIOSCEEC) (17BIOSCBS)(17ZOOBS)-Approved Unanimously**  
Discussion: Member Marta Klesath presented the course.
- **Minor Marine Science -Approved Unanimously**  
Discussion: Member Marta Klesath presented the new Minor.
- **ANS 395 Animal Science Study Abroad- Approved Unanimously**  
Discussion: Member Shweta Trivedi presented the course and introduced the guest Melissa Merrill.
- **ARE 425 Contracts and Organizations in Agriculture- Approved Pending**  
Discussion: Member Shweta Trivedi presented the course action and indicated the course has been offered as a

special topic offering twice before. Member asked the instructional resources statement, typically this is for the department, not the student. Guests said they would adjust this. Member indicated the PRRs in the syllabus do not include the links to the PRR statements. Members agreed these should be viable links. Motion to approve course pending the inclusion of the links by member Walter Robinson.

**Discussion:** Li Marcus reminded the committee the interest survey is closing soon.

Meeting adjourned at 1:02 pm

*Respectfully submitted by Lexi Hergeth*

**MEMORANDUM**

To: University Course and Curriculum Committee

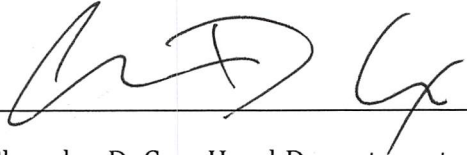
From: Chandra D. Cox, Head, Department of Art +Design

November 15, 2017

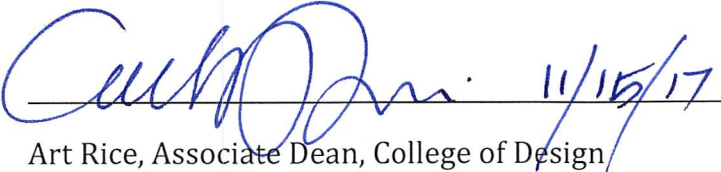
**RE: Art + Design | Design Studies Revision**

The Department has decided to update the 2009 curriculum required courses for Design Studies. These revisions include the Design Studies; foundational courses, the required math and the elective options available in various subject areas. Many of the courses are no longer available and/or the numbers have changed. Design Studies has introduced new courses with permanent numbers.

We believe the revisions will help provide a clearer understanding of the eight-semester curriculum display. A record of these revisions is provided as a tracked version of the curriculum display.

 11.15.17

Chandra D. Cox, Head Department of Art +Design

 11/15/17

Art Rice, Associate Dean, College of Design

\_\_\_\_\_  
Chair, University Courses & Curricula Committee Date

\_\_\_\_\_  
Dean, Division of Academic and Student Affairs (DASA) Date

**GEP FORMAT A**  
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Current:                      Proposed: X      Proposed Effective Semester: **11/2017**

**DEGREE TITLE: Bachelor of Arts Degree in Design Studies**

**CONCENTRATION TITLE: N/A**

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 101 Acad Writing & Research <sup>H</sup>	4	GEP PE/Healthy Living course <sup>E</sup>	1
MA 111 Precalculus Algebra and Trigonometry <sup>12, A</sup>	3	GEP Mathematical Sciences requirement <sup>12, A</sup>	3
D100 Design Thinking I <sup>1</sup>	3	DS 100 Design, Culture and Context <sup>1</sup>	3
Art History Survey <sup>8</sup>	3	Art History Survey <sup>8</sup>	3
ADN 281 Basic Drawing <sup>3</sup>	3	COM 110 Public Speaking	3
		ADN 219 Digital Imaging <sup>4</sup>	3
	Total: 16		Total: 16
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
GEP PE/Healthy Living course <sup>E</sup>	1	GEP Interdisciplinary Perspectives requirement <sup>G</sup>	3
GEP Social Science requirement <sup>D</sup>	3	Design History <sup>9</sup>	3
DS 200 Survey of Design Studies <sup>2</sup>	3	FL - Foreign Language <sup>11</sup>	3
Advanced Writing <sup>13</sup>	3	GEP Humanities requirement <sup>C</sup>	3
History elective <sup>10,C</sup>	3	Design Foundations <sup>3</sup>	3
FL - Foreign Language <sup>11</sup>	3		
	Total: 16		Total: 15
JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
Design History <sup>9</sup>	3	GEP Natural Sciences requirement (w/lab) <sup>B</sup>	4
GEP Natural Sciences requirement <sup>B</sup>	3	GEP Additional Breadth requirement <sup>F</sup>	3
GEP Social Science requirement <sup>D</sup>	3	Design Studies Elective <sup>15</sup>	3
ADN418 Contemporary Issues <sup>14</sup>	3	Design Studies Elective <sup>15</sup>	3
Art History Survey <sup>8</sup>	3		
	Total: 15		Total: 13
SUMMER			
<b>ADN 490 International Studio / Experience<sup>5</sup></b>			CREDITS
			Total: 6
SENIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
DS 481 Design Studies Senior Research Seminar <sup>6</sup>	3	DS 483 Capstone Seminar <sup>7</sup>	3
Design History <sup>9</sup>	3	Design Studies Elective <sup>15</sup>	3
Design Studies Elective <sup>15</sup>	3	Design Studies Elective <sup>15</sup>	3
Design Studies Elective <sup>15</sup>	3	Design Studies Elective <sup>15</sup>	3
Design Studies Elective <sup>15</sup>	3		
	Total: 15		Total: 12
Minimum Credit Hours Required for Graduation: 124*			

**Major/Program Footnotes:**

1. D 100 and DS 100 are required in the first year of Design Studies. and part of the critical path.
2. DS 200 Survey of Design Studies is required and part of the critical path.
3. Basic Drawing ADN 281 is required fall semester first year. In addition one more course (3 credit hours) in Design Foundations is required and may be selected from the following: ADN 111, ADN 112, ADN 414
4. Digital Imaging ADN 219 Spring semester first year
5. International Experience (6 credit hours) is required. This may be a Design Studio worth 6 credit hours (when available), or two 3-credit-hour advised electives.
6. Design Studies Senior Research Seminar is required. DS 481 - 3 hours.
7. Design Studies Capstone Seminar is required. DS 483 - 3 hours.
8. Two survey courses (6 credit hours) in Art History are required and may be selected from the following: HA 202, 203,298,310,395, ENG 364, ENG 374, COM 364, COM 374; Art 221, 222 from Meredith College; or Art 151, 152 with Recitation Sections from UNC-CH.
9. Three courses (9 credit hours) in Design History are required and may be selected from the following: ADN 475, ARC 242, D 231, GD 203, LAR 444, ID 444, ADN 492.
10. Choose a History course (HI) from the GEP Humanities course list.
11. Design Studies requires 6 credit hours of FL beyond FL 102 and may be selected from different language courses at the 200 level or above.
12. MA 111 is required. Choose an additional MA course from the GEP Mathematical Sciences course list.
13. Advanced Writing (3 credit hours) select one: ENG 201,214, 215, 287, 288, 292, 301, 316, 323, 325, 330
14. ADN 418 Contemporary Issues in Art and Design is required in the junior year.

**Major Advised electives:**

15. A total number of 24 credit hours of advised electives are required when pursuing the Design Studies curriculum. The Advised electives are divided into three units: Application, History and Theory. From each of these units a minimum of two courses (6 credit hours) and a maximum of three courses (9 credit hours) can be selected. 6 credit hours must be at the 300 level or higher.

**\*General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied beyond the major requirements listed above. University approved GEP course lists for each of the following units can be found at <https://oucc.dasa.ncsu.edu/general-education-program-gep/gep-category-requirements/>

- A. Mathematical Sciences** (6 credit hours – *Includes MA 111 and one course from the University approved GEP Mathematical Sciences course list*).
- B. Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)  
*Choose from the University approved GEP Natural Sciences course list .*
- C. Humanities** (6 credit hours selected from two different disciplines/course prefixes)  
*Choose from the University approved GEP Humanities course list . The History elective in the major requirements fulfills 3 hours of this requirement.*
- D. Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)  
*Choose from the University approved GEP Social Sciences course list .*
- E. Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)  
*Choose from the University approved GEP Physical Education/Healthy Living course list.*
- F. Additional Breadth** - (3 credit hours to be selected from the following University approved GEP course lists)  
*Choose a course from the GEP Mathematical Sciences or Natural Sciences course list.*
- G. Interdisciplinary Perspectives** (3 credit hours)  
*Choose from the University approved GEP Interdisciplinary Perspectives course list.*
- H. Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better )

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

- I. U.S. Diversity** (USD)  
*Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. Only one course that satisfies this co-requisite is required.*
- J. Global Knowledge** (GK)  
*Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. Only one course that satisfies this co-requisite is required.*
- K. Foreign Language proficiency** - Proficiency at the FL\_102 level is required for graduation. **Design Studies requires 6 credit hours of FL beyond FL 102.**

**Major/Program CORE Courses Required**

D100 .....	3
DS100 Culture/DN Context.....	3
DS 200 Survey of Design Studies.....	3
Art History: HA 202, 203,298,310 or 395 .....	6
Design History: ARC 241, LAR 444, GD 331, ADN 475 or D 231 .....	9
Design Foundations: ADN 111 2D, ADN 112 3D or ADN 414 Color & Light.....	6
ADN 281 Basic Drawing.....	3
ADN 219 Digital Imaging .....	3
ADN 490 International Studio/Experience.....	6
ADN418 Contemporary Issues.....	3
DS 481 Design Studies Capstone Seminar .....	3
DS 483 Design Studies Capstone Research Paper.....	3
FL Foreign Language.....	6
COM 110 Public Speaking .....	3
Humanities: 3 credit hours must be (HI) History (fulfills GEP requirement) .....	3
Advanced Writing: ENG 201,214, 215, 287, 288, 292, 301, 316, 323, 325,.....	3
	<b>66 total credit hours</b>

**\*GEP Requirements**

Humanities.....	3
Mathematical Science .....	6
Natural Sciences .....	7
Social Sciences .....	6
Additional Breadth (ADB).....	3
Interdisciplinary Perspective (IDP).....	3
English 101 Intro to Writing .....	4
Health and Exercise Studies .....	2
	<b>34 total credit hours</b>

**(DS) DESIGN STUDIES ADVISED ELECTIVES: 24 CREDIT HOURS** (3 credit hours per course)

*From each of the three units select a minimum of two courses (6 credit hours) and a maximum of three courses (9 credit hours). 6 credit hours must be at the 300 level or higher.*

**Application Unit**

ADN	111	2D Design Process & Methods	ADN	386	Basic Sculpture
ADN	112	3D Design Process & Methods	ADN	411	Visual Laboratory II
ADN	212	Basic Photography	ADN	414	Color and Light
ADN	219	Digital Imaging	ADN	415	Visualizing Narrative
ARC	232	Structure & Materials	ADN	419	Multimedia & Digital Imaging
ADN	272	Intro to Printing & Surface Design	ADN	481	Intermediate Drawing
ADN	273	Fibers, Materials & Processes	ADN	486	Intermediate Sculpture
ADN	292	Special Topics in Art+Design	ID	492	Special Topics in Industrial Design
ADN	311	Basic Visual Laboratories	DS	494	Design Studies Internship
ADN	312	Intermediate Photography			

**Theory Unit**

GD	200	Graphic Design Theory & Practice	ADN	571	Fibers & Surface Design Seminar
LAR	221	Intro to Environment & Behavior for Designers	LAR	579	Human Use of Urban Landscape
ID	262	Professional Practice in Industrial Design	D	592	Special Topics in Design
D	292	Special Topics in Design	ADN	492	Special Topics in Art + Design
ID	445	Human-Centered Design	DS	481	Design Studies Senior Research Seminar
D	492	Special Topics in Design	DS	483	Design Studies Senior Capstone
LAR	511	Community Design Policy			

**History Unit**

ARC	241	Introduction to World Architecture	D	492	Special Topics in Design
ARC	242	History of Western Architecture	ID	492	Special Topics in Industrial Design
D	292	Special Topics in Design	ADN	561	Animation Seminar
GD	342	History of Graphic Design	HI	591	Intro to Museology
ARC	441	History of Cont. Architecture (ARC 241 ADN ARC 242 Pre-Reqs)	D	592	Special Topics in Design
LAR	444	History of Landscape Architecture	HI		Any History Course from GEP Humanities List
ADN	475	Pre-Industrial World Textiles	ID	444	History of Industrial Design



GEP FORMAT A  
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Current: Proposed: X Proposed Effective Semester: 7/200911/2017

DEGREE TITLE: Bachelor of Arts Degree in Design Studies

CONCENTRATION TITLE: N/A

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 101 Acad Writing & Research <sup>H,11,12</sup>	4	<del>HES_*** Health &amp; Exercise Studies</del> GEP	1
Mathematics <sup>9,A</sup>	3	PE/Healthy Living course <sup>E</sup>	3
MA 111 Precalculus Algebra and Trigonometry <sup>12, A</sup>	2	GEP Mathematical Sciences <del>Req-requirement</del> <sup>12, A</sup>	2
D100 Design Thinking I <sup>1,11,12</sup>	3	<del>D104DS 100 Design Thinking II</del> <sup>1,11,12</sup>	3
<del>D102 Design Culture/Context I</del> <sup>2,11,12</sup>	3	<del>D103 Design Culture/Context II</del> <sup>2,11,12</sup> and Context <sup>1</sup>	3
Art History Survey <sup>8</sup>	3	Art History Survey <sup>5,11,12</sup> Survey <sup>8</sup>	3
ADN 281 Basic Drawing <sup>3</sup>	3	COM 110 Public Speaking	3
Survey <sup>5</sup>	3	ADN 219 Digital Imaging <sup>4</sup>	3
Total: <del>15</del> 16		Total: <del>15</del> 16	
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
<del>HES_*** Health &amp; Exercise Studies</del> GEP	1	Free Elective	2-3
PE/Healthy Living course <sup>E</sup>	3	DS History <sup>6,11,12</sup>	3
GEP Social Science <del>Req-<sup>D</sup> requirement</del> <sup>D</sup>	3	GEP Interdisciplinary Perspectives requirement <sup>G</sup>	3
DS 200 Survey of Design Foundations <sup>3,11,12</sup> Studies <sup>2</sup>	3	Design History <sup>9</sup>	3
Advanced Writing <sup>10</sup> Writing <sup>13</sup>	3	ADN 281 Basic Drawing <sup>3,11,12</sup>	3
History elective <sup>7</sup> elective <sup>10,C</sup>	3	FL - Foreign Language <sup>8,11,12</sup> Language <sup>11</sup>	
FL - Foreign Language <sup>8,11,12</sup> Language <sup>11</sup>		GEP Humanities requirement <sup>C</sup>	
		Design Foundations <sup>3</sup>	
Total: 16		Total: <del>14</del> 15	
JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
DS History <sup>6,11,12</sup>	3	Free Elective	3
Design History <sup>2</sup>	3	GEP Natural Sciences <del>Req-requirement</del> (w/lab) <sup>B</sup>	4
GEP Natural Sciences <del>Req-<sup>B</sup> requirement</del> <sup>B</sup>	3	GEP Additional Breadth <del>Req-<sup>E</sup> requirement</del> <sup>E</sup>	3
GEP Social Science <del>Req-<sup>D</sup> requirement</del> <sup>D</sup>	3	DS Elective <sup>13</sup>	3
ADN 418/ADN418 Contemporary Issues in <sup>14</sup>	3	DS Elective <sup>13</sup> Design Studies Elective <sup>15</sup>	3
Art & Design		Design Studies Elective <sup>15</sup>	
Design Foundations <sup>3,11,12</sup> History Survey <sup>8</sup>			
Total: 15		Total: <del>16</del> 13	
SUMMER			
ADN 490 International Studio/ <del>Exp-<sup>4,11,12</sup></del> / Experience <sup>5</sup>			CREDITS
			Total: 6
SENIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
DS 481 Design Studies Senior Research	3	DS 483 Capstone <del>Research Paper</del> Seminar <sup>7</sup>	3
Seminar/Seminar <sup>6</sup>	3	DS Elective <sup>13</sup>	3
Design History <sup>6,11,12</sup> History <sup>9</sup>	3	DS Elective <sup>13</sup>	3
DS Elective <sup>13</sup>	3	DS Elective <sup>13</sup> Design Studies Elective <sup>15</sup>	3
DS Elective <sup>13</sup>	3	Design Studies Elective <sup>15</sup>	
DS Elective <sup>13</sup> Design Studies Elective <sup>15</sup>		Design Studies Elective <sup>15</sup>	
Design Studies Elective <sup>15</sup>			
Design Studies Elective <sup>15</sup>			
Total: 15		Total: 12	
Minimum Credit Hours Required for Graduation: 124*			

Major/Program Footnotes:

- 1- D 100 and ~~D 104~~DS 100 are required in the first year of Design Studies.
- 1. ~~D 102~~ and ~~D 103~~ are required in part of the first year critical path.
- +2. DS 200 Survey of Design Studies is required and part of the critical path.

- ~~2-3.~~ Basic Drawing ADN 281 is required ~~fall semester first year~~. In addition ~~two~~ ~~one~~ more ~~courses~~ ~~(6~~ ~~course~~ (3 credit hours) in Design Foundations ~~are~~ ~~is~~ required and may be selected from the following: ADN 111, ADN 112, ADN 414-
4. Digital Imaging ADN 219 Spring semester first year
- ~~3-5.~~ International Experience (~~6 credit hours~~) is required. ~~This~~ may be ~~taken at the Prague Institute or some other approved international program to fulfill the department's International Experience requirement. In addition, a summer international studio in Art & Design or other design discipline may also fulfill this requirement. Please consult with your advisor~~ Studio worth 6 credit hours (when available), or two 3-credit-hour advised electives.
6. Design Studies Senior Research Seminar is required. DS 481 - 3 hours.
7. Design Studies Capstone Seminar is required. DS 483 - 3 hours.
- ~~4-8.~~ Two survey courses (6 credit hours) in Art History are required and may be selected from the following: HA 202, 203, ~~298, 310, 395~~, ENG 364, ENG 374, COM 364, COM 374; Art 221, 222 from Meredith College; or Art 151, 152 with Recitation Sections from UNC, ~~CH~~.
- ~~5-9.~~ Three courses (9 credit hours) in Design History are required and may be selected from the following: ADN 475, ARC 242, D 231, GD ~~342~~ 203, LAR 444, ~~ID 444, ADN 492~~.
- ~~6-10.~~ Choose a History (~~HI~~) ~~course~~ (HI) from the GEP Humanities course list.
- ~~7-11.~~ Design Studies ~~required~~ ~~requires~~ 6 credit hours of FL beyond FL 102 ~~and may be selected from different language courses at the 200 level or above.~~
- ~~8-12.~~ ~~Mathematics requirement: MA 111 is required.~~ Choose an additional MA course from: MA 114, 121, 131, 141, 231 or equivalent the GEP Mathematical Sciences course list.
- ~~9-13.~~ Advanced Writing ~~requirement to be chosen from~~ (3 credit hours) ~~select one:~~ ENG 201, 214, 215, ~~422, 287, 288, 292, 301, 316, 323, 325, 330~~
- ~~2.~~ ~~Minimum grade of C required.~~
- ~~3.~~ ~~Cannot be taken pass/fail.~~
14. Design (ADN 418 Contemporary Issues in Art and Design is required in the junior year.

### Major Advised ~~electives:~~

- ~~10-15.~~ A total number of 24 credit hours of advised electives are required when pursuing the Design Studies curriculum. The Advised electives are divided into three units: Application, History and Theory. From each of these units a minimum of two courses (6 credit hours) and a maximum of three courses (9 credit hours) can be selected. ~~(6 credits~~ credit hours must be at the 300 level or higher).

*Select 3 credit hours from each unit. Check the course lists for each unit in the SIS degree audit for this program for the most up-to-date course lists.*

### Application Unit:

ADN 111 2D Design  
 ADN 112 3D Design  
 ADN 212 Basic Photography  
 ADN 219 Digital Imaging  
 ADN 271 Intro to Printing & Surface Design  
 ADN 273 Fibers, Materials & Processes  
 ADN 292 Special Topics in Design  
 ADN 311 Basic Visual Laboratories  
 ADN 312 Intermediate Photography  
 ADN 384 Basic Painting  
 ADN 386 Basic Sculpture  
 ADN 411 Visual Laboratory II  
 ADN 414 Color and Light  
 ADN 419 Multimedia & Digital Imaging  
 ADN 472 Advanced Surface Design  
 ADN 481 Intermediate Drawing  
 ADN 484 Intermediate Painting  
 ADN 486 Intermediate Sculpture  
 ADN 492 Special Topics in Design  
 ARC 232 Structure & Materials  
 DS 494 Design Internship  
 ID 255 Contemporary Mfg. Process I

ID—256 Contemporary Mfg. Process II

ID—492 Digital Rendering

### Theory Unit:

ADN 418 Contemporary Issues in Art & Design

ADN 571 Fibers & Surface Design Seminar

DS—244 Material Culture & Industrial Design

DS—492 Museum Theory & Practice

GD—200 Graphic Design Theory & Practice

LAR 221 Intro to Environment & Behavior for Designers

LAR 511 Community Design Policy

LAR 579 Human Use of Urban Landscape

ID 262—Professional Practice in Industrial Design

ID 445—Human-Centered Design

### History Unit:

ADN 475—Pre-Industrial World Textiles

ARC 241—Intro. to World Architecture

ARC 242—History of Western Architecture

ARC 441 Hist Cont ARC (ARC 241, ARC 242 pre reqs)

ARC 442—History of NC Architecture

D 492A—Iconography

DS 251—History of Aesthetics

GD 342—History of Graphic Design

HA 203—History of American Art

HA 202—History of Art/Renaissance-20th Century

HA 310—History of Art & Photography

HI—Any History Course from GEP Humanities List

HI 592—Advanced Museology

ID 492F / ID 582F—History of Industrial Design

LAR 444—History of Landscape Architecture

### \*General Education Program (GEP) requirements and GEP Footnotes:

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied- beyond the major requirements listed above. University approved GEP course lists for each of the following units can be found at <https://oucc.dasa.ncsu.edu/general-education-program-gep/gep-category-requirements/>

University approved GEP course lists for each of the following units can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (6 credit hours – *Includes MA 111 and one course with MA or ST prefix*)  
*Choose a course from the University approved GEP Mathematical Sciences course list. The Math requirement in the major fulfills 3 hours of this requirement.*
- B. **Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)  
*Choose from the University approved GEP Natural Sciences course list.*
- C. **Humanities** (6 credit hours selected from two different disciplines/course prefixes)  
*Choose from the University approved GEP Humanities course list. The History elective in the major requirements fulfills 3 hours of this requirement.*
- D. **Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)  
*Choose from the University approved GEP Social Sciences course list.*
- E. **Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)  
*Choose from the University approved GEP Physical Education/Healthy Living course list.*
- F. **Additional Breadth** - (3 credit hours to be selected from the following University approved GEP course lists)  
*Choose a course from the GEP Mathematical Sciences or Natural Sciences course list.*
- G. **Interdisciplinary Perspectives** (5-63 credit hours)  
*Choose from the University approved GEP Interdisciplinary Perspectives course list.*
- H. **Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

- I. **U.S. Diversity** (USD)  
*Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. Only one course that satisfies this co-requisite is required.*
- J. **Global Knowledge** (GK)  
*Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. Only one course that satisfies this co-requisite is required.*
- K. **Foreign Language proficiency** - Proficiency at the FL\_102 level is required for graduation. **Design Studies requires 6 credit hours of FL beyond FL 102.**



**Major/Program CORE Courses Required**

<u>D100 .....</u>	<u>3</u>
<u>DS100 Culture/DN Context.....</u>	<u>3</u>
<u>DS 200 Survey of Design Studies.....</u>	<u>3</u>
<u>Art History: HA 202, 203,298,310 or 395 .....</u>	<u>6</u>
<u>Design History: ARC 241, LAR 444, GD 331, ADN 475 or D 231 .....</u>	<u>9</u>
<u>Design Foundations: ADN 111 2D, ADN 112 3D or ADN 414 Color &amp; Light.....</u>	<u>6</u>
<u>ADN 281 Basic Drawing .....</u>	<u>3</u>
<u>ADN 219 Digital Imaging .....</u>	<u>3</u>
<u>ADN 490 International Studio/Experience .....</u>	<u>6</u>
<u>ADN418 Contemporary Issues .....</u>	<u>3</u>
<u>DS 481 Design Studies Capstone Seminar .....</u>	<u>3</u>
<u>DS 483 Design Studies Capstone Research Paper.....</u>	<u>3</u>
<u>FL Foreign Language.....</u>	<u>6</u>
<u>COM 110 Public Speaking .....</u>	<u>3</u>
<u>Humanities: 3 credit hours must be (HI) History (fulfills GEP requirement) .....</u>	<u>3</u>
<u>Advanced Writing: ENG 201,214, 215, 287, 288, 292, 301, 316, 323, 325,.....</u>	<u>3</u>

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**66 total credit hours****\*GEP Requirements**

<u>Humanities .....</u>	<u>3</u>
<u>Mathematical Science .....</u>	<u>6</u>
<u>Natural Sciences .....</u>	<u>7</u>
<u>Social Sciences .....</u>	<u>6</u>
<u>Additional Breadth (ADB).....</u>	<u>3</u>
<u>Interdisciplinary Perspective (IDP).....</u>	<u>3</u>
<u>English 101 Intro to Writing .....</u>	<u>4</u>
<u>Health and Exercise Studies .....</u>	<u>2</u>

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**34 total credit hours**

**(DS) DESIGN STUDIES ADVISED ELECTIVES: 24 CREDIT HOURS** (3 credit hours per course)

*From each of the three units select a minimum of two courses (6 credit hours) and a maximum of three courses (9 credit hours). 6 credit hours must be at the 300 level or higher.*

**Application Unit**

<u>ADN</u>	<u>111</u>	<u>2D Design Process &amp; Methods</u>	<u>ADN</u>	<u>386</u>	<u>Basic Sculpture</u>
<u>ADN</u>	<u>112</u>	<u>3D Design Process &amp; Methods</u>	<u>ADN</u>	<u>411</u>	<u>Visual Laboratory II</u>
<u>ADN</u>	<u>212</u>	<u>Basic Photography</u>	<u>ADN</u>	<u>414</u>	<u>Color and Light</u>
<u>ADN</u>	<u>219</u>	<u>Digital Imaging</u>	<u>ADN</u>	<u>415</u>	<u>Visualizing Narrative</u>
<u>ARC</u>	<u>232</u>	<u>Structure &amp; Materials</u>	<u>ADN</u>	<u>419</u>	<u>Multimedia &amp; Digital Imaging</u>
<u>ADN</u>	<u>272</u>	<u>Intro to Printing &amp; Surface Design</u>	<u>ADN</u>	<u>481</u>	<u>Intermediate Drawing</u>
<u>ADN</u>	<u>273</u>	<u>Fibers, Materials &amp; Processes</u>	<u>ADN</u>	<u>486</u>	<u>Intermediate Sculpture</u>
<u>ADN</u>	<u>292</u>	<u>Special Topics in Art+Design</u>	<u>ID</u>	<u>492</u>	<u>Special Topics in Industrial Design</u>
<u>ADN</u>	<u>311</u>	<u>Basic Visual Laboratories</u>	<u>DS</u>	<u>494</u>	<u>Design Studies Internship</u>
<u>ADN</u>	<u>312</u>	<u>Intermediate Photography</u>			

**Theory Unit**

<u>GD</u>	<u>200</u>	<u>Graphic Design Theory &amp; Practice</u>	<u>ADN</u>	<u>571</u>	<u>Fibers &amp; Surface Design Seminar</u>
<u>LAR</u>	<u>221</u>	<u>Intro to Environment &amp; Behavior for Designers</u>	<u>LAR</u>	<u>579</u>	<u>Human Use of Urban Landscape</u>
<u>ID</u>	<u>262</u>	<u>Professional Practice in Industrial Design</u>	<u>D</u>	<u>592</u>	<u>Special Topics in Design</u>
<u>D</u>	<u>292</u>	<u>Special Topics in Design</u>	<u>ADN</u>	<u>492</u>	<u>Special Topics in Art + Design</u>
<u>ID</u>	<u>445</u>	<u>Human-Centered Design</u>	<u>DS</u>	<u>481</u>	<u>Design Studies Senior Research Seminar</u>
<u>D</u>	<u>492</u>	<u>Special Topics in Design</u>	<u>DS</u>	<u>483</u>	<u>Design Studies Senior Capstone</u>
<u>LAR</u>	<u>511</u>	<u>Community Design Policy</u>			

**History Unit**

<u>ARC</u>	<u>241</u>	<u>Introduction to World Architecture</u>	<u>D</u>	<u>492</u>	<u>Special Topics in Design</u>
<u>ARC</u>	<u>242</u>	<u>History of Western Architecture</u>	<u>ID</u>	<u>492</u>	<u>Special Topics in Industrial Design</u>
<u>D</u>	<u>292</u>	<u>Special Topics in Design</u>	<u>ADN</u>	<u>561</u>	<u>Animation Seminar</u>
<u>GD</u>	<u>342</u>	<u>History of Graphic Design</u>	<u>HI</u>	<u>591</u>	<u>Intro to Museology</u>
<u>ARC</u>	<u>441</u>	<u>History of Cont. Architecture (ARC 241 ADN ARC 242 Pre-Reqs)</u>	<u>D</u>	<u>592</u>	<u>Special Topics in Design</u>
<u>LAR</u>	<u>444</u>	<u>History of Landscape Architecture</u>	<u>HI</u>	<u>Any History Course from GEP Humanities List</u>	
<u>ADN</u>	<u>475</u>	<u>Pre-Industrial World Textiles</u>	<u>ID</u>	<u>444</u>	<u>History of Industrial Design</u>