

<b>Digital Media Minor: S 2018 - F 2018</b>							
<b>Arch</b>	<b>ArtGr</b>	<b>ArtID</b>	<b>ArtIS</b>	<b>CRP</b>	<b>IndD</b>	<b>LA</b>	<b>DsnS</b>
Arch230, 3 Credits, Design Communications.	ArtGr272/272X, 3 Credits, Digital Photography for Graphic Design (Concurrent enrollment in ArtGr270 or 271).	ArtID263, 3 Credits, Graphic Communication for Interior Design III (Prereq: ArtID 261, Graphic Communication for Interior Design I).	ArtIS212, 2 Credits, Studio Fundamentals: Computers.	CRP251x, 3 credits, Fundamental Geographic Information System.	IND D 341. 3 Credits, Computer Aided Industrial Design I. (Prereq: IndD301)	LA 211, 3 Credits, Digital Design methods for Landscape Architecture.	DsnS 232/232X, 3 Credits, Design Communications. (S. 2010). Fundamental course for non-design majors.
Arch330X, 3 Credits, Advanced Design Representation, (Prereq: Arch 230)	ArtGr275, 2 Credits, Graphic Technology I (Prereq: ArtGr270: Graphic Design Studio I).		ArtIS227, 3 Credits, Introduction to Digital Photography.	CRP 351x, 3 Credits, Intermediate Geographic Information System.	IND D 541. 3 Credits. Computer Aided Industrial Design. (Permission of instructor).	LA 458/558, 3 Credits, Introduction to Web Mapping (Prereq: LA 451) -spring	DsnS 332x, 3 Credits, Multi-Dimensional Digital Design Communications (Prereq: Arch 230, ArtGR 275, DsnS 232).
Arch334, 3 Credits, Computer Applications in Architecture.	ArtGr276, 2 Credits, Graphic Technology II (Prereq: ArtGr271 & ArtGr 275).		ArtIS308, 3 Credits, Modeling, Rendering & Virtual Photography (Prereq: Art 230 Drawing II).	CRP 452/552, 3 Credits, Geographic Data Management and Planning Analysis (Prereq: CRP 451).		LA478/578, 3 Credits, Topical Studies in LA: Computer Applications--spring	
Arch432, 3 Credits, Advanced Computer Lighting and Rendering.	ArtGr463x/563x, 3 Credits, 3D Motion Graphics.		ArtIS407/507, 3 Credits, Principles of 3D Character Animation. (Prereq: ArtIS 308).	CRP454/554x. 3 Credits, Fundamentals of Remote Sensing.			
Arch433, 3 Credits, File to Fabrication.	ArtGr464x, 3 Credits, Digital Imaging (see note 3 below).		ArtIS408/508. 3 Credits, Principles of 3D Animation. (Prereq: ArtIS 407).	CRP456/556x, 3 Credits, GIS Programming and Automation, (Prereq: 451).			
Arch434, 3 Credits, Computer-aided Architectural and Environmental Design.	ArtGr473/573. 3 Credits, MultiMedia Design (Prereq: ArtGr370 or 371 or 470 or 482).		ArtIS448/548, 3 Credits, Digital Textile Design. S.				
Arch436, 3 credits, Advanced Design Media.	ArtGr478/578. 3 Credits, Web Design for E-Commerce / Graphic Applications (Prereq: ArtGr370 or 371 or 470 or 482).		ArtIS 473/573, 3 Credits, Video Art. S. 2014.				
Arch437, 3 credits, Architectural Photography (Prereq: Arch202: Architectural Design II).	ArtGr484/584, 3 Credits, Studies in Graphic Design: Narrative and Motion Graphics (Prereq: ArtGr370 or 371 or 470 or 482), PB.		ArtIS 475X/575X, 3 Credits, Interactive Art. F. 2016.				
Arch439X/539X, 3 Credits, Computational Design Theory (Spring 2017).	ArtGr484/584, 3 Credits, Studies in Graphic Design: Web Design (Prereq: ArtGr370 or 371 or 470 or 482), AB.						
Arch534, 3 Credits, Advanced Computer-aided Architectural Design.							

Note 1: DsnS 232 is open to the Bachelor of Design degree since spring 2012.

Note 2: Yellow highlight means the courses are only open for majors.

Note 3: ArtGr464X had been offered before fall 2014 as ArtGr484/584, Studies in Graphic Design: Digital Imaging by CF.

## DMM Web page:

The undergraduate minor in Digital Media is intended to familiarize students with the use of digital media in the design process. It covers the knowledge and techniques necessary to generate digital representations, including two-dimensional drawing, three-dimensional modeling, rendering, animation, video processing, prototyping, photography, computer gaming, web design, geographic information systems, human-computer interaction, stereoscopic image creation and virtual environments.

Each department in the College of Design offers its own digital media courses that may be applied to the multidisciplinary Digital Media minor.

This minor requires at least 15 credits of coursework. At least three credits of fundamental courses at the 200 level must be taken in the student's primary major. Please consult the following list of fundamental courses:

- ARCH 230: Design Communications (3 credits) – for Architecture major.
- ART GR 275: Graphic Technology I (2 credits); prerequisite: ART GR 270: Graphic Design Studio – for Graphic Design major.  
ART GR 276: Graphic Technology II (2 credits); prerequisite: ART GR 275 – for Graphic Design major.
- ArtIS212: Studio Fundamentals: Computers (2 Credits) – for Integrated Studio Arts and all major.
- ArtIS 227: Introduction to Digital Photography (3 credits) – for Integrated Studio Arts major.
- ART ID 263: Graphic Communication for Interior Design II (3 credits); prerequisite: ART ID 261: Graphic Communication for Interior Design I – for Interior Design major.
- CRP 251x: Fundamental Geographic Information System – for non-design majors.
- LA 211: Digital Design Methods for Landscape Architecture – for LA major and all majors.
- DSN S 232: Design Communications (3 credits) – for non-design majors.

At least **nine** of the 15 credits must be taken at Iowa State University in courses numbered 300 or above. At least nine of the **15** credits must not be used to meet any college or university requirements except the credit requirement for graduation.

Download a PDF flyer listing all of the courses that qualify for the Digital Media minor.

Courses taken outside Iowa State may be accepted for transfer credit after review of the syllabus and materials by faculty in the Digital Media area. This minor may be applied retroactively after graduation. If you are interested in obtaining a minor in Digital Media, you may return and take listed courses following graduation. Qualifying courses taken prior to graduation may be used to fulfill the 15-credit program requirement.

A special note for students majoring in Architecture: Because the Digital Media minor requires ARCH 230, only another three credits of the courses used to satisfy the minor may be drawn from the professional option area that is part of the architecture program credits. The other nine credits for the minor must fall in the unrestricted elective category.

For more information, contact: Professor Anson Call, [ansonc@iastate.edu](mailto:ansonc@iastate.edu), at 515-294-7855.