

WEB DESIGN AND DEVELOPMENT

Interaction and Design Emphasis

BACHELOR OF SCIENCE

SMITH COLLEGE OF ENGINEERING AND TECHNOLOGY

2024-2025 Catalog Year

	WED DESIGN & DEVI	ELOPMENT REQUIREMENTS				
WEB DESIGN & DEVELOPMENT CORE REQUIREMENTS						
COURSE #	COURSE TITLE	PREREQUISITE	CF			
DWDD 1400	Digital Design Essentials	(B- Grade or Higher for Portfolio Review)	3.0			
DWDD 1410	Interaction Design Essentials	DWDD 1400, (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 1420	Communicating Digital Design	DWDD 1400 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 1600	Web Essentials	(B- Grade or Higher for Portfolio Review)	3.0			
DWDD 1720	Scripting for Internet Technologies	DWDD 1600 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 2410	Interaction Design	DWDD 1410 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 241R	Interaction Design Practicum	DWDD 2410 (B- Grade or Higher for Portfolio Review)	1.0			
DWDD 2590	Portfolio Workshop	DWDD 2410 and 2610 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 2610	Principles of Web Languages	DWDD 1720 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 301R	Digital Lecture Series	UAS	1.0			
DGM 3110	Corporate Issues	UAS & Portfolio Review Acceptance	3.0			
DGM 312G	Digital Media for Intercultural Communication	UAS & Portfolio Review Acceptance	3.0			
DGM 3220	Digital Media Project Management	UAS & Portfolio Review Acceptance	3.0			
MKTG 3690	Digital Marketing Analytics	Portfolio Review Acceptance & see advisor for approval	3.0			
DGM 481R	Internship	See Advisor for information	1.0			
DWDD 490R	Senior Capstone	UAS & Portfolio Review Acceptance	3.0			
DWDD 490R	Senior Capstone	UAS & Portfolio Review Acceptance	3.0			
	INTERACTION & DESIG	ON EMPHASIS REQUIREMENTS	•			
DWDD 2420	Media Formats and Outputs	DWDD 1400, (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 2510	Interactive Media Production	DWDD 1410 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 2520	Digital Product Experiences I	DWDD 1410 (B- Grade or Higher for Portfolio Review)	3.0			
DWDD 3410	Interaction Design Colloquium	UAS & Portfolio Review Acceptance	3.0			
DWDD 3520	Digital Product Experiences II	UAS & Portfolio Review Acceptance	3.0			
DWDD 3430	Adaptive Media Experiences	UAS & Portfolio Review Acceptance	3.0			
DWDD 4430	Adaptive Media II	DWDD 3430, UAS & Portfolio Review Acceptance	3.0			
DWDD 4520	Digital Product Design Studio	UAS & Portfolio Review Acceptance	3.0			
DWDD 4240	Experience Design Process	DWDD 2410, UAS & Portfolio Review Acceptance	3.0			
	Complete 13 Credits of Elective C	redits (2 credits must be Upper Division)				
DWDD 2530	Immersive Experiences I	DWDD 1410	3.0			
DWDD 4560	Designing Voice Experiences	UAS & Portfolio Review Acceptance	3.0			
DGM 1645	Mixed Reality Essentials		2.0			
DGM 2245	Mixed Reality Experiences I	DGM 1645	3.0			
DGM 281R	Internship	See Advisor for more information	1-4			
DGM 3261	Mixed Reality Experiences II	UAS & Portfolio Review Acceptance	3.0			
DCPR 2995	Virtual Reality for Digital Cinema Storytelling		3.0			
ART 1410	Typography I	ART 1400. For DGM majors: DGM 1110, DWDD 1400	3.0			

	GENERAL EDUCATI	ON REQUIREMENTS		
COURSE NO.	COURSE TITLE	PREREQUISITE	CREDITS	
ENGH 1005	Literacies and Composition	See Advisor for placement information	5.0	
ENGL 1010	Introduction to Academic Writing		3.0	
ENGL 2010	Intermediate Writing	ENGH 1005 or ENGL 1010	3.0	
MATH 1030/1035	Quantitative Reasoning	See Advisor for placement information	3.0	
MATH 1040/1045	Introduction to Statistics		3.0	
MATH 1050/1055	College Algebra		4.0	
EXSC 1097 or	Fitness for Life or		2.0	
HLTH 1100	Personal Health and Wellness			
PHIL 2050	Ethics and Values	ENGL 1010	3.0	
American Institutions (See Wolverine Track for options)				
Humanities Distribution (See Wolverine Track for options)				
Fine Arts Distribution (See Wolverine Track for options)				
Social/Behavioral Science (See Wolverine Track for options)				
Biology Distribution (See Wolverine Track for options)				
Physical Science Distribution (See Wolverine Track for options)				
Third Science Distribution (See Wolverine Track for options)				
TOTAL CREDITS				