



Northwest Missouri State University  
 School of Computer Science and Information Systems  
 Digital Media: Computer Science (Comprehensive Major– No Minor Required)  
 Bachelor of Science

Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
77-101	University Seminar		1	
10-111	Composition I		3	
29-102	Fundamentals of Oral Communication		3	
44-141	Computer Programming I	2 units of high school algebra and either CSIS 44101 OR CSIS 44130 with a grade of C or better, or School director's permission	3	<b>1</b>
44-144	Web Development I	CSIS 44101 or CSIS 44130 or EDCI 62130 with a grade of C or better	3	
44-101	Foundations of Computing		3	
<b>Total Hours</b>			<b>16</b>	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10-112	Composition II	ENGL 10-111	3	
17-114	General Statistics	An ACT Math score of 22 or higher, high school GPA of 3.00 or higher, or a minimum grade of C in MATH 17082, or concurrent enrollment in MATH 17014	3	
44-241	Computer Programming II	CSIS 44141 with a grade of C or better	3	
13-191	Intro to Design		3	
	Fine Arts Requirement		3	
<b>Total Hours</b>			<b>15</b>	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
44-242	Data Structures	CSIS 44241, and MATH 17114 or MATH 17117 or MATH 17118 or MATH 17120 (or concurrent enrollment), all with a grade of C or better, or consent of instructor	3	<b>2</b>
44-334	Web Development II	CSIS 44144 with a minimum grade of C	3	<b>2</b>
13-292	Computer Graphics I	ART 13120 and ART 13191 (IDM majors may take concurrently with ART 13191 and are not required to have ART 13120 as a prerequisite)	3	
44-296	Prof Dev. Seminar	Sophomore standing and CSIS 44141	3	
	Life Sciences/Lab		4	
<b>Total Hours</b>			<b>16</b>	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Humanities		3	
20-243	Media Design		3	
44-356	Network Fundamentals	CSIS 44130 or CSIS 44101 with a grade of C or better	3	
44-460	Database Systems	CSIS 44241, with a grade of C or better	3	<b>3</b>
	Physical Sciences/ Lab		4	
<b>Total Hours</b>			<b>16</b>	

**1** = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

**2** = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

**3** = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

**4** = a milestone courses taken in final year to complete degree requirements.



Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
55-330	Principles of Marketing		3	
44-413	Visualization	MATH 17114 and CSIS 44141	3	
20-120	Intro to Mass Media		3	
44-411	Systems Analysis and Design*	CSIS 44317 with a minimum grade of C, and advanced standing, or consent of the instructor.	3	
20-355 OR 13-207	Photo Journalism OR Digital Photography		3	
<b>Total Hours</b>			<b>15</b>	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Social & behavioral Sciences		3	
20-314	Communication Law & Ethics	Advanced Standing	3	
20-303	Intro to Web Publishing		3	
	300+ Level Electives		3	
13-294	Typography I	ART 13191 which Graphic Design majors must pass with at least a grade of C.	3	
<b>Total Hours</b>			<b>15</b>	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
44-563	Dev Web Apps and Services	CSIS 44241 and CSIS 44460, each with a grade of C or better	3	
	300+ Level Electives		6	
10-220	Intro to Literature		3	
	Civics – History		3	
<b>Total Hours</b>			<b>15</b>	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
34-102	Intro to American Government & Politics		3	
	Global Experience		3	
	Social & Behavioral Sciences		3	
	300+ Level Electives		3	
<b>Total Hours</b>			<b>12</b>	

\*Replaces Script Programming course.

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= a milestone courses taken in final year to complete degree requirements.