





The Academic Plan is a semester-by-semester plan for the full-time student. Part-time students should work with an advisor to customize the map to fit individual needs.

ACADEMIC PLAN			NOTES
<b>Fall 1<sup>st</sup> Year</b>		<b>Cr Hrs</b>	<b>Semester 1</b>
	BUS101 Intro to Business	3	
	COL101 Introduction to College	1	COL101 and Reading Proficiency are pre-reqs for some next semester course work
	CIS129 Programming Logic	3	CIS129 is a pre-req for some next semester course work
	CIS125 Computer Concepts and Applications	3	CIS125 is a pre/co-req for some course work and fulfills comp. literacy req.
	CIS135 Intro to Photoshop	3	CIS135 is a pre/co-req for some course work
	ENG101 English Composition I	3	ENG101 is a pre-req for some next semester course work
<b>Total Hours</b>		<b>16</b>	
<b>Spring 1<sup>st</sup> Year</b>			<b>Semester 2</b>
	CIS145 Writing for Technology	3	
	CIS165 Programming for the Web	3	CIS165 with a grade of “C” or better is a pre-req for some next semester course work
	CIS170 Introduction to Android Programming	3	
	CIS235 Adv. Photoshop CS & Illustrator	3	CIS235 is a pre/co-req for some course work
	CIS236 SQL and Database Design	3	CIS236 is a pre/co-req for some course work
	COM100 Fundamentals of Communication	3	
<b>Total Hours</b>		<b>18</b>	
<b>Fall 2<sup>nd</sup> Year</b>			<b>Semester 3</b>
	ART160 Graphic Design I	3	
	CIS155 Intro to Computer Programming	3	
	HST103 US History I to Reconstruction	3	
	MGT103 Business Mathematics	3	
	PSY101 General Psychology	3	
<b>Total Hours</b>		<b>15</b>	
<b>Spring 2<sup>nd</sup> Year</b>			<b>Semester 4</b>
	CIS255 Web/Graphics Project Portfolio Development	3	
	CIS285 e-Commerce Concepts	3	
	CIS287 Advanced Web Development	3	
	CIS291 Programming Capstone	3	
	MTH128 Intermediate Algebra	3	
<b>Total Hours</b>		<b>15</b>	

**Program Description:** Computer Information Systems: Graphics/Web Developer

Designing, creating and maintaining a web based system is a fast-paced and exciting career field. Graduates of the Graphics/Web Developer degree program are prepared to program and develop web-based business pages and systems. General development skills include the Adobe Creative Suite, various web and business programming skills, including C++, JavaScript and Visual Studio. Programming and Graphics development are the key components for success.

**Admission Requirements:**

There are no specific admission requirements for this program. Computer Information Systems coursework requires reading and a level of math proficiency. Certain general education coursework requires specific measures for placement. See [www.jeffco.edu/future-students/admissions/math-english-placement](http://www.jeffco.edu/future-students/admissions/math-english-placement) or consult an advisor for more information.

**Department Faculty Advisors:** David McNair

**Interim Associate Dean:** Christopher DeGeare

**Employment Outlook/Median Salary\*:**

Career	Degree Level Required	** Growth	Median Annual Salary
Web Developer	Associate’s Degree	13%	\$66,130
Computer Programmer	Bachelor’s Degree	-8%	\$79,840
Graphic Artist/Designer	Bachelor’s Degree	5%	\$47,640

\*Employment information based on current Bureau of Labor Statistics Occupational Outlook Handbook.

\*\*Projected % of change in employment 2016-2026; the average for all occupations is 7%.

**Jefferson College Program Highlights:**

The degree plan has been updated to enhance the Graphics/Web Developer curriculum with modern innovations. The plan focuses on programming and graphics skills to match current industry standards and practices. The ever changing web development career offers new and exciting challenges and rewards for students.

**Transfer Information:**



Courses with this symbol are guaranteed to transfer to any public college or university in Missouri.

Pursuing a higher degree? Get the most credit for your transfer and earn your Bachelor's degree from Missouri Baptist University by attending MBU courses at the Jefferson College, Hillsboro campus!

The Associate of Applied Science degree in CIS Graphics/Web Developer will transfer to Missouri Baptist University’s Bachelor of Science in Applied Management.