

**CIS Curriculum  
Effective Fall 2015  
Semester-by-Semester Course Plan**

**Red** = Application Development (102A)  
**Blue** = Networking & System Management (102D)  
**Orange** = Web Development (102E)  
**Green** = CIS Core & Concentration Common Courses

**Highlight Meaning: Yellow** – Satisfied Requirement; **Blue** – On Track To Satisfy Requirement/Currently Taking;  
**Red/Orange** – Suggestion to Take; **Green** – See If We Can Substitute; **Blank** – Still to be Satisfied

	Hours		Hours
<b>Fall – 1<sup>st</sup> Year</b>		<b>Spring – 1<sup>st</sup> Year</b>	
BUAD 1800	3	<b>CIS 1030</b>	3
ENGL 1010	3	CIS 2000	3
MATH 1020	3	ENGL 1020	3
<b>CIS 1015</b>	3	MATH 1060	3
FA 1040	3	SCI 1010	3
UNIV1000	1		
Total	16	Total	15
<b>Fall – 2<sup>nd</sup> Year</b>		<b>Spring – 2<sup>nd</sup> Year</b>	
<b>CIS 2980</b>	3	<b>CIS 3020</b>	3
<b>CIS 2050</b>	3	<b>CIS 3300</b>	3
PSYC 1010	3	BUAD 2120	3
ACCT 2000	3	ACCT 2010	3
ECON 2000	3	ECON 2010	3
Total	15	Total	15
<b>Fall – 3<sup>rd</sup> Year</b>		<b>Spring – 3<sup>rd</sup> Year</b>	
<b>CIS 3400 / CIS 4020 / CIS 4030</b>	3	<b>CIS 4220 / CIS 4000 / CIS 4000</b>	3
BUAD 2200	3	<b>CIS 3980</b>	3
HIST (1010, 1020, 2010, 2020)	3	COMM 1010	3
SCI 1020	3	MGT 3220	3
ENGL 2110	3	BUAD 3280	3
Total	15	Total	15
<b>Fall – 4<sup>th</sup> Year</b>		<b>Spring – 4<sup>th</sup> Year</b>	
<b>CIS 3900</b>	3	<b>CIS 4600</b>	3
<b>CIS 4080 / CIS elective (2020, 3400, 4040, 4060, 4070, 4080, 4200, 4300, 4400, 4700) (2020, 3400, 4020, 4040, 4060, 4070, 4080, 4200, 4300, 4400, 4700)</b>	3	<b>CIS elective (2020, 4000, 4020, 4040, 4060, 4100, 4200, 4300, 4400, 4700) / CIS 4100 / CIS 4100</b>	3
MKTG 3230	3	Academic elective	2
FIN 3090	3	MGT 3580	3
SCI 2010 or 2020	3	BUAD 3270	3
Total	15	Total	14

# Degree Worksheet: Computer Information Systems: *Application Development Concentration* (Effective FALL 2015)

NAME: \_\_\_\_\_ CWID# \_\_\_\_\_ Cell Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

University Core	Hrs	Grade	CIS Curriculum	Hrs	Grade
<b>ENGLISH</b>			CIS 1015 Intro. to CIS	3	
ENGL 1010 Composition and Rhetoric I	3		CIS 1030 Intro. to Software Dev. (VB.NET I)	3	
ENGL 1020 Composition and Rhetoric II	3		CIS 2050 Essentials of Network Design and Hardware	3	
<b>MATHEMATICS</b>			CIS 2980 Database Systems (Access)	3	
MATH 1020 College Algebra	3		CIS 3900 Systems Analysis and Development	3	
MATH 1060 Finite Mathematics	3		CIS 3980 Intro. To Information Security	3	
<b>SCIENCES</b>			<b>Concentration Common Courses:</b>		
SCI 1010 Basic Concepts of Physical Science I	3		CIS 3020 Web Page Development	3	
SCI 1020 Basic Concepts of Biological Science I	3		CIS 3300 Intermediate Object-Oriented Programming (Java I)	3	
SCI 2010 or 2020 Basic Concepts of Physical Science II/Biological Science II	3		CIS 4600 Advanced Systems Development	3	
<b>HUMANITIES</b>			<b>Application Development Core:</b>		
ENGL 2110 Introduction to Literature	3		CIS 4000 Advanced Database Systems	3	
HIST (from 1010, 1020, 2010, 2020) Early World Civilization, Modern World Civilization, History of the United States	3		CIS 4020 Advanced Object-Oriented Programming (Java II)	3	
COMM 1010 Fundamentals of Speech	3		CIS 4100 Web Applications: Server-side Development (PHP)	3	
<b>FINE ARTS</b>			1 Elective from 2020, 3400, 4040, 4060, 4070, 4080, 4200, 4300, 4400, 4700.	3	
FA 1040 Exploring the Arts	3		<b>Total CIS</b>	<b>39</b>	
<b>SOCIAL/BEHAVIORAL SCIENCES</b>			<b>Business Core</b>		
ECON 2000 Principles of Macroeconomics	3		ACCT 2000 Financial Accounting	3	
PSYC 1010 General Psychology	3		ACCT 2010 Managerial Accounting	3	
<b>Total University Core Hours</b>	<b>39</b>		BUAD 2200 Business Reports & Communication	3	
			BUAD 2120 Basic Business Statistics	3	
<b>Additional Support Courses</b>			BUAD 3270 International Business	3	
Academic elective	2		BUAD 3280 Cyber Business Law	3	
BUAD 1800 (Intro. to Info. Technology)	3		FIN 3090 Business Finance	3	
CIS 2000 (Spreadsheet Apps.)	3		MGT 3220 Organization and Management	3	
ECON 2010 Principles of Microeconomics	3		MGT 3580 Operations Management	3	
UNIV 1000 The University Experience	1		MKTG 3230 Principles of Marketing	3	
<b>Total Additional Support Hours</b>	<b>12</b>		<b>Total Business Core</b>	<b>30</b>	
			<b>TOTAL DEGREE HOURS</b>	<b>120</b>	

**Degree Worksheet: Computer Information Systems: *Networking & Systems Management*  
Concentration  
(Effective FALL 2015)**

NAME: \_\_\_\_\_ CWID# \_\_\_\_\_ Cell Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

University Core	Hrs	Grade	CIS Curriculum	Hrs	Grade
<b>ENGLISH</b>			CIS 1015 Intro. to CIS	3	
ENGL 1010 Composition and Rhetoric I	3		CIS 1030 Intro. to Software Dev. (VB.NET I)	3	
ENGL 1020 Composition and Rhetoric II	3		CIS 2050 Essentials of Network Design and Hardware	3	
<b>MATHEMATICS</b>			CIS 2980 Database Systems (Access)	3	
MATH 1020 College Algebra	3		CIS 3900 Systems Analysis and Development	3	
MATH 1060 Finite Mathematics	3		CIS 3980 Intro. To Information Security	3	
<b>SCIENCES</b>			<b>Concentration Common Courses:</b>		
SCI 1010 Basic Concepts of Physical Science I	3		CIS 3020 Web Page Development	3	
SCI 1020 Basic Concepts of Biological Science I	3		CIS 3300 Intermediate Object-Oriented Programming (Java I)	3	
SCI 2010 or 2020 Basic Concepts of Physical Science II/Biological Science II	3		CIS 4600 Advanced Systems Development	3	
<b>HUMANITIES</b>			<b>Networking &amp; Systems Management Core:</b>		
ENGL 2110 Introduction to Literature	3		CIS 3400 Telecommunications & Networks	3	
HIST (from 1010, 1020, 2010, 2020) Early World Civilization, Modern World Civilization, History of the United States	3		CIS 4220 Network Implementation and Administration	3	
COMM 1010 Fundamentals of Speech	3		CIS 4080 Cloud Computing	3	
<b>FINE ARTS</b>			1 Elective from 2020, 4000, 4020, 4040, 4060, 4100, 4200, 4300, 4400, 4700	3	
FA 1040 Exploring the Arts	3		<b>Total CIS</b>	<b>39</b>	
<b>SOCIAL/BEHAVIORAL SCIENCES</b>			<b>Business Core</b>		
ECON 2000 Principles of Macroeconomics	3		ACCT 2000 Financial Accounting	3	
PSYC 1010 General Psychology	3		ACCT 2010 Managerial Accounting	3	
<b>Total University Core Hours</b>	<b>39</b>		BUAD 2200 Business Reports & Communication	3	
			BUAD 2120 Basic Business Statistics	3	
<b>Additional Support Courses</b>			BUAD 3270 International Business	3	
Academic elective	2		BUAD 3280 Cyber Business Law	3	
BUAD 1800 (Intro. to Info. Technology)	3		FIN 3090 Business Finance	3	
CIS 2000 (Spreadsheet Apps.)	3		MGT 3220 Organization and Management	3	
ECON 2010 Principles of Microeconomics	3		MGT 3580 Operations Management	3	
UNIV 1000 The University Experience	1		MKTG 3230 Principles of Marketing	3	
<b>Total Additional Support Hours</b>	<b>12</b>		<b>Total Business Core</b>	<b>30</b>	
			<b>TOTAL DEGREE HOURS</b>	<b>120</b>	

## Degree Worksheet: Computer Information Systems: *Web Development Concentration* (Effective FALL 2015)

NAME: \_\_\_\_\_ CWID# \_\_\_\_\_ Cell Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

University Core	Hrs	Grade	CIS Curriculum	Hrs	Grade
<b>ENGLISH</b>			CIS 1015 Intro. to CIS	3	
ENGL 1010 Composition and Rhetoric I	3		CIS 1030 Intro. to Software Dev. (VB.NET I)	3	
ENGL 1020 Composition and Rhetoric II	3		CIS 2050 Essentials of Network Design and Hardware	3	
<b>MATHEMATICS</b>			CIS 2980 Database Systems (Access)	3	
MATH 1020 College Algebra	3		CIS 3900 Systems Analysis and Development	3	
MATH 1060 Finite Mathematics	3		CIS 3980 Intro. To Information Security	3	
<b>SCIENCES</b>			<b>Concentration Common Courses:</b>		
SCI 1010 Basic Concepts of Physical Science I	3		CIS 3020 Web Page Development	3	
SCI 1020 Basic Concepts of Biological Science I	3		CIS 3300 Intermediate Object-Oriented Programming (Java I)	3	
SCI 2010 or 2020 Basic Concepts of Physical Science II/Biological Science II	3		CIS 4600 Advanced Systems Development	3	
<b>HUMANITIES</b>			<b>Web Development Core:</b>		
ENGL 2110 Introduction to Literature	3		CIS 4000 Advanced Database Systems	3	
HIST (from 1010, 1020, 2010, 2020) Early World Civilization, Modern World Civilization, History of the United States	3		CIS 4030 Web Applications: Client-side Development (Javascript)	3	
COMM 1010 Fundamentals of Speech	3		CIS 4100 Web Applications: Server-side Development (PHP)	3	
<b>FINE ARTS</b>			1 Elective from 2020, 3400, 4020, 4040, 4060, 4070, 4080, 4200, 4300, 4400, 4700.	3	
FA 1040 Exploring the Arts	3		<b>Total CIS</b>	<b>39</b>	
<b>SOCIAL/BEHAVIORAL SCIENCES</b>			<b>Business Core</b>		
ECON 2000 Principles of Macroeconomics	3		ACCT 2000 Financial Accounting	3	
PSYC 1010 General Psychology	3		ACCT 2010 Managerial Accounting	3	
<b>Total University Core Hours</b>	<b>39</b>		BUAD 2200 Business Reports & Communication	3	
			BUAD 2120 Basic Business Statistics	3	
<b>Additional Support Courses</b>			BUAD 3270 International Business	3	
Academic elective (Recommend ART 1010 or ART 2560)	2		BUAD 3280 Cyber Business Law	3	
BUAD 1800 (Intro. to Info. Technology)	3		FIN 3090 Business Finance	3	
CIS 2000 (Spreadsheet Apps.)	3		MGT 3220 Organization and Management	3	
ECON 2010 Principles of Microeconomics	3		MGT 3580 Operations Management	3	
UNIV 1000 The University Experience	1		MKTG 3230 Principles of Marketing	3	
<b>Total Additional Support Hours</b>	<b>12</b>		<b>Total Business Core</b>	<b>30</b>	
			<b>TOTAL DEGREE HOURS</b>	<b>120</b>	