



Developmental Education Courses (if required)

English Placement			Math Placement		
<input type="checkbox"/>	ACLS025	Academic Reading and Writing Skills I	<input type="checkbox"/>	MATH 020	Pre-Algebra
<input type="checkbox"/>	ACLS026	Academic Reading and Writing Skills II	<input type="checkbox"/>	MATH 022	Elementary Algebra
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH 026	Intermediate Algebra
<input type="checkbox"/>	ENGL027	Writing Skills Workshop			

SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion

Plans can be modified to fit the needs of part-time students by adding more semesters

Choose your courses with your Success Navigator or Faculty Advisor.

Complete	Semester 1					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered (Fall, Winter, Spring, Summer) (Bethlehem, Monroe, Fowler, Online)	Pre-requisites / Co-requisites (PRE / CO)
<input type="checkbox"/>	COLS101	College Success	1		FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	ARTA170	Computer Graphics	4		FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	CISC100	Computer Technology I	4	CL	FA, SP; BETH, MROE	
<input type="checkbox"/>	CMTH102	Introduction to Communication	3	Communication	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	ENGL101	English I	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: ENGL Placement Policy
<input type="checkbox"/>		AH, SIT, or SSHB General Education Elective	3	AH, SIT, or SSHB	FA, SP, SU; BETH, MROE, DIST	
	Total Semester Credits:		18			
Complete	Semester 2					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	ARTA130	Introduction to Web Design	3		FA, SP, SU; BETH, MROE, DIST	PRE: ARTA170
<input type="checkbox"/>	ARTA180	Digital Design and Typography I	3		SP; BETH	PRE: ARTA170
<input type="checkbox"/>	CISC128	Client-Side Scripting	4		FA, SP; BETH, MROE	PRE: CISC100 or ARTA240
<input type="checkbox"/>	ENGL151	English II	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: ENGL101
<input type="checkbox"/>	MATH	Mathematics Elective	3	QL	FA, SP, SU; BETH, MROE, DIST	PRE: MATH Placement Policy
	Total Semester Credits		16			
Complete	Semester 3					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	ARTA132	Web Animation	3		FA, SP, SU; BETH, MROE, DIST	PRE: ARTA130
<input type="checkbox"/>	ARTA240	Advanced Web Site Design	3		FA, SP; BETH, MROE	PRE: ARTA130
<input type="checkbox"/>	CISC257	Server-Side Scripting	4		FA; BETH	PRE: CISC128; PRE or CO: CISC270
<input type="checkbox"/>	CISC270	Database Systems	4		FA, SP; BETH, MROE	PRE: CISC10 or CISC115
<input type="checkbox"/>		AH, SIT, or SSHB General Education Elective	3	AH, SIT, or SSHB	FA, SP, SU; BETH, MROE, DIST	
	Total Semester Credits		17			
Complete	Semester 4					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	CISC208	Mobile Development	4		SP; BETH	PRE: CISC257, and CISC270 or CISC125
<input type="checkbox"/>	CISC150	Object-Oriented Programming	4		SP; BETH	PRE: CISC115 or CISC128
<input type="checkbox"/>	CISC201	Advanced Web Technologies	4		SP; BETH	PRE: ARTA130, CISC257, CISC270
<input type="checkbox"/>		Elective	3		FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>		AH, SIT, or SSHB General Education Elective	3	AH, SIT, or SSHB	FA, SP, SU; BETH, MROE, DIST	
	Total Semester Credits:		18			
	Total Degree Credits:		69			

Notes:

- Students have a choice of ENGL 151L (Literature option), ENGL151R (Report Writing) or ENGL 151T (Technical Writing). Contact your advisor for guidance.
- Mathematics Elective options: MATH 140, 145, 150, 160, 165, 175, 176, 180, 181, 202, 210, 211
- For the General Education Electives, students must take three courses from at least two of the following areas: Arts & Humanities (AH); Social Science: Society and Institutions over Time (SIT) or Social Science: Scientific Study of Human Behavior (SSHB).
- **One course should be designated as Diversity and Global Awareness (D).**
- **One course must be Writing Intensive (WI).**
- Electives: All courses except: OXX-level courses; EARL 221, EARL 222. Suggested elective choices: BUSA 131 – Principles of Marketing, ARTA 181 – Digital Design and Typography II.

Program Narrative:

- Websites are indispensable tools for every aspect of business. If you're interested in being a part of this growing field of employment, you will want to secure the right set of skills. Attractive job candidates have the ability to design the look of a website and also to program the technical aspects that provide an interactive feel. We have designed our Web Development program to train students for both the creative and technical sides of the job.
- Our program is geared toward gaining employment upon graduation, rather than transferring to a four-year college. Upon graduation, students will be equipped with the skills to qualify for positions such as web developer, web programmer, web designer, interactive web developer, web application developer, and director of web services..

Program Learning Outcomes:

- Develop effective approaches to solving problems related to web site development.
- Analyze user needs to determine technical requirements for web site creation.
- Design, build, and/or maintain aesthetically pleasing web sites using WYSIWYG editors and graphic design tools, with a focus on usability.
- Develop proficiency with programming, scripting languages, and database design techniques needed for interactive dynamic web applications.
- Exhibit proficiency in both design and technical aspects of web design.

Arts & Humanities (AH) Electives	Societies & Institutions over Time (SIT) Electives	Diversity (D) Electives	Math (QL) Electives
ARTA 100 Art and Visual Thinking	CMTH 221 History of Broadcasting	BIOS 126 Environmental Science	MATH 140 College Algebra
ARTA 101 Art History Survey	GEOG 101 World Geography	BIOS 210 Environmental Biology	MATH 145 Trigonometry
CMTH 110 Introduction to the Theatre	GEOG 151 Geography of the U.S. and Canada (G-WI)	BUSA 115 Intro to International Business	MATH 150 Introductory Statistics
CMTH 111 Acting I	GLBL 130 Intro to Global Studies	CJST 250 Contemporary Issues in Criminal Justice	MATH 160 Pre-Calculus
CMTH 115 Technical Theatre	GLBL 160 Field Experience & Acad Research in GS	CMTH 126 The Communication Arts	MATH 165 Applied Calculus
CMTH 117 Stagecraft	GLBL 230 Global Studies Capstone	CMTH 211 Plays: Classical to Contemporary	MATH 175 Calculus with Review (part 1)
CMTH 126 The Communication Arts	HIST 103 Ancient and Medieval History	CMTH 215 Intercultural Communication	MATH 176 Calculus with Review (part 2)
CMTH 189 Stage Voice and Movement	HIST 113 American History I (G-WI)	DANC 101 Dance History	MATH 180 Calculus I
CMTH 190 Stage Production	HIST 121 The Black Experience (G-WI)	ENGL 151L English II (Literature)	MATH 181 Calculus II
CMTH 206 Directing	HIST 123 African Civilization	ENGL 205 American Literature I	MATH 210 Calculus III
CMTH 211 Plays: Classical to Contemporary (G-WI)	HIST 140 Modern Chinese History	ENGL 211 Plays: Classical to Contemporary	MATH 211 Differential Equations
CMTH 212 Acting II	HIST 153 Found of Mod Euro History, 1300-1815 (G-WI)	ENGL 215 Multicultural Adolescent Literature	
CMTH 218 Theatre Portfolio	HIST 163 American History II	ENGL 250 Latin American Literature	
CMTH 220 Introduction to Film	HIST 165 The American Experience of Warfare	ENGL 251 British Literature II	
DANC 101 Dance History	HIST 166 Civil War and Reconstruction (G-WI)	ENGL 253 Creative Writing	
DANC 110 Ballet I	HIST 168 History of the Middle East (G-WI)	ENGL 255 American Literature II	
DANC 120 Modern Dance I	HIST 173 Mod European History, 1815 to Present (G-WI)	ENGL 256 Modern Poetry	
DANC 130 Jazz I	HIST 210 History of Mod Science, 1859 to Present	ENGL 257 20th Century Lit by Women	
DANC 210 Ballet II	HIST 211 History of Pennsylvania	ENGL 260 Contemporary Literature	
DANC 220 Modern Dance II	INTS 202 The Architecture of the City: Classic to Contemporary	ENGL 264 Irish Literature	
DANC 230 Jazz II	POLS 101 Introduction to Political Science	ENGL 265 African-American Literature	
ENGL 201 British Literature I (G-WI)	POLS 105 American Constitutional Law (G-WI)	ENGL 267 Poetry Writing	
ENGL 203 Shakespeare (G-WI)	POLS 110 American National Government (G-WI)	GEOG 101 World Geography	
ENGL 205 American Literature I (G-WI)	POLS 150 Peace Studies & Conflict Resolution (Study Abroad)	GEOG 121 Environmental Sustainability	
ENGL 211 Plays: Classical to Contemporary (G-WI)	POLS 170 Politics of Modern Turkey (Study Abroad)	GEOG 151 Geography of the U.S. and Canada	
ENGL 215 Multicultural Adolescent Literature (G-WI)	POLS 202 International Relations	GEOG 210 Weather and Climate	
ENGL 250 Latin American Literature (G-WI)	POLS 205 Women and Politics (G-WI)	GLBL 130 Intro to Global Studies	
ENGL 251 British Literature II (G-WI)	POLS 251 State and Local Government (G-WI)	GLBL 160 Field Experience & Acad Research in GS	
ENGL 253 Creative Writing	SOCA 102 Cultural Anthropology (G-WI)	GLBL 230 Global Studies Capstone	
ENGL 255 American Literature II (G-WI)	SOCA 105 American Ethnicity	HIST 113 American History I	
ENGL 256 Modern Poetry (G-WI)	SOCA 160 Issues in Contemporary Genocide & Mass Violence	HIST 121 The Black Experience	
ENGL 257 20th Century Lit by Women (G-WI)		HIST 140 Modern Chinese History	
ENGL258 Fiction Writing		HIST 165 The American Experience of Warfare	
ENGL 260 Contemporary Literature (G-WI)		HIST 166 Civil War & Reconstruction	
ENGL 264 Irish Literature (G-WI)	Scientific Study of Human Behavior (SSHB) Electives	HIST 168 History of the Middle East	
ENGL 265 African-American Literature (G-WI)	ECON 201 Macroeconomics	HIST 173 Mod Euro History: 1815-Present	
ENGL 267 Poetry Writing	GEOG 121 Environmental Sustainability (G-WI)	HUMA 121 American Work Experience	
HUMA 121 The American Work Experience (G-WI)	GEOG 140 Investigating Climate Change	HUMA 140 Intro to Women and Gender Studies	
HUMA 140 Intro to Women and Gender Studies (G-WI)	GEOG 271 Intro to Geographic Info Systems	HUMA 150 Nature of the Environment	
HUMA210 Creativity and the Origin of Ideas	HUMA 250 Research Methods in Social Sciences (G-WI)	HUMA210 Creativity and The Origin of Ideas	
JOUR 101 Journalism and Society	INTS 250 Study Abroad	INTS 201 Implement Sustain Energy Sys in Dev Com	
Modern Language - All MDLA Courses	PSYC 103 Introduction to Psychology (G-WI)	Modern Language - All MDLA Courses	
MUSC 101 Introduction to Music	PSYC 230 Introduction to Health Psychology	PHIL111 On Death and Dying	
PHIL 111 On Death and Dying (G-WI)	PSYC 235 Dev Child Psychopathology	PHIL 121 World Religions	
PHIL 121 World Religions	PSYC 245 Cognitive Psychology	PHIL 204 Asian Philosophies	
PHIL 201 Introduction to Philosophy	PSYC 255 Abnormal Psychology	POLS 101 Introduction to Political Science	
PHIL 202 Ethics and Moral Problems (G-WI)	PSYC 258 Developmental Psychology (G-WI)	POLS 105G American Constitutional Law	
PHIL 204 Asian Philosophies	PSYC 265 Psychology of Sex and Gender	POLS 150 Peace Studies & Conflict Resolution (Study Abroad)	
PHIL 211 Ancient Philosophy	SOCA 103 Principles of Sociology (G-WI)	POLS 202 International Relations	
PHIL 215 Modern Philosophy	SOCA 125 Sociology of Families (G-WI)	POLS205 Women & Politics	
PHIL 225 What is Freedom?	SOCA 210 Sociology of Gender	POLS 251 State & Local Government	
		PSYC 258 Developmental Psychology	
		SOCA 102 Cultural Anthropology	
		SOCA103 Principles of Sociology	
		SOCA 105 American Ethnicity	
		SOCA 150 Deviance	
		SOCA160 Issues in Cont Genocide & Mass Violence	
		SOCA204 Social Problems	

Note: General Education courses offered as writing intensive are noted with a G-WI