

## FCC Curriculum Pathway

The Curriculum Pathway provides full-time students with a **suggested guide** for completing an Associate Degree in two years (four semesters). Students who choose to take less than 15 credits per semester or who require Developmental English and/or Math will need additional semesters to complete their degrees. Taking classes in the Summer and/or January terms allow students to catch up and stay on target. **It is recommended all students meet with an Advisor each semester to carefully select and sequence courses based on their specific interests and needs.** Using the Curriculum Pathway along with the PeopleSoft Degree Plan allows students to track their progress towards graduation.

**Major: Information Systems Management**

**Catalog Year: Summer 2015-Spring 2017**

*Students who complete the first 30 credits in the pathway are eligible to receive the Transfer Studies Certificate. (Students complete the necessary forms in the Welcome Center, J-101.)*

Course Number	Course	Credit	Complete
<b>First Year – First Semester</b>			
CIS 106	CIS 106 Object Design & Programming <small>(Prerequisite: EN50A and EN52 OR ESL95 and ESL99 and MA81)</small>	General Education CORE 3	
EN 101	English Composition <small>(Prerequisite: EN 50A and EN 52 or ESL 95 and ESL 99)</small>	General Education CORE 3	
MA 206	Elementary Statistics <small>(Prerequisite: MA 82 or MA 85)</small>	General Education CORE 3	
	*Arts	General Education CORE 3	
	*Social & Behavioral Sciences (other than EC)	General Education CORE 3	
	<b>Semester Total</b>	<b>15</b>	
<b>First Year – Second Semester</b>			
CIS 201	Computer Science <small>(Prerequisite: CIS 106)</small>	4	
ACCT 101	Principles of Accounting I <small>(Prerequisite: EN 50A and EN 51 or ESL 94 and ESL 97)</small>	3	
EC 201	Principles of Economics I <small>(Prerequisite: EN 52 or ESL 99)</small>	General Education CORE 3	
MA 201 <b>or</b> MA 210	Applied Calculus <small>(Prerequisite: MA 82 or MA 85)</small> <b>OR</b> Calculus <small>(Prerequisite: MA111 or both MA 130 and MA 131)</small>	3/4	
	Biological & Physical Sciences	General Education CORE 3	
	<b>Semester Total</b>	<b>16/17</b>	
<b>Second Year – First Semester</b>			
CIS 208 <b>or</b> CIS 225	C++ Programming <small>(Prerequisite: CIS 106)</small> <b>OR</b> CIS225A, CIS225B, CIS225C, CIS225D, or CIS225E <small>(Prerequisite: CIS106)</small>	3	
ACCT 102 <b>or</b> EC 202	Principles of Accounting II <small>(Prerequisite: ACCT 101)</small> <b>OR</b> Principles of Economics II <small>(Prerequisite: EC 201)</small>	3	
	Program Elective (MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course)	3	
	*Communications	General Education CORE 3	
	*Humanities	General Education CORE 3	
	<b>Semester Total</b>	<b>15</b>	
<b>Second Year – Second Semester</b>			
CIS 203	System Analysis & Design	3	
	Program Elective (MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course)	3	
	Program Elective (MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course)	3	
	Biological/Physical Sciences (Lab)	General Education CORE 4	
	PE/Health Requirement	1	
	<b>Semester Total</b>	<b>14</b>	
<b>Total Credits:</b>			<b>60</b>

**Students must complete their credit English and Mathematics within the first 24 credits.**

**\*All students must complete one cultural competence course – see course list.**

Developmental courses must be completed prior to enrolling into college-level courses in the major.

See an advisor for further information, if needed.

\_\_\_\_\_ Reading I: EN51 or ESL70

\_\_\_\_\_ Reading II: EN52 or ESL72

\_\_\_\_\_ Writing I: EN50 or ESL71

\_\_\_\_\_ Writing II: EN50A or EN61 or ESL73

\_\_\_\_\_ Math: MA80, MA81, MA81B, MA82 or MA85