

## Appendix C: Curriculum Pathway

Current Semester Map		
SEMESTER 1	CLASS	HOURS
ENGLISH 101 <sup>1</sup>	Composition <sup>1</sup>	3
CIS 103 <sup>2</sup> (CS 100 at IIT)	Fundamentals of Programming <sup>2</sup>	3
Physical Sciences course <sup>1</sup>		3
MATH 146 <sup>1,3</sup> (CS 330 at IIT)	Discrete Mathematics <sup>1,3</sup>	4
Humanities course <sup>1</sup>		3
	TOTAL SEMESTER HOURS	16
SEMESTER 2	CLASS	HOURS
ENGLISH 102 <sup>1</sup>	Composition <sup>1</sup>	3
Social & Behavioral Sciences course <sup>1</sup>		3
CIS 142 or CIS 144 <sup>2</sup> (CS 115 & CS 116 at IIT)	C++ Object Oriented Programming I or Java Object Oriented Programming I <sup>2</sup> (IAI: CS 911)	3
MATH 125 <sup>1</sup> or MATH 207	Introductory Statistics <sup>1</sup> or Calculus & Analytic Geometry I	4-5
Social and Behavioral Sciences course (HD) <sup>1</sup>		3
	TOTAL SEMESTER HOURS	16-17

SEMESTER 3	CLASS	HOURS
SPEECH 101 <sup>1</sup>	Fundamentals of Speech Communication <sup>1</sup>	3
CIS 242 or CIS 244 <sup>23</sup> (CS 331 at IIT)	C++ Object Oriented Programming II or Java Object Oriented Programming II <sub>2</sub> (IAI: CS 912)	3
CIS 114 or CIS 118 (CS 442 at IIT)	Mobile Application Development or IT Problem Solving	3
MATH 208 or other MATH elective	Calculus & Analytic Geometry II or other elective	4-5
	TOTAL SEMESTER HOURS	13-14
SEMESTER 4	CLASS	HOURS
Life Sciences course <sup>1</sup>		4
Physical Sciences or Life Sciences course <sup>1</sup>		3
Fine Arts course <sup>1</sup>		3
MATH 209 or other MATH elective	Calculus & Analytic Geometry III or other elective	4-5
	TOTAL SEMESTER HOURS	14-15
	TOTAL HOURS	60-62

<sup>1</sup> General Education Requirement

<sup>2</sup> Pathway Elective

<sup>3</sup> ALEKS-based placement or prerequisite: MATH 140 College Algebra