

Associate of Science in Computer Science
Computer Science Transfer Single Articulation Pathway Concentration
 Full Time **2015-2016**

The following suggested sequence includes all course requirements for this degree.

Fort Wayne

Semester 1				
				IUSB Equiv
A	COMM 101	Fundamentals of Public Speaking	3	
A	ENGL 111	English Composition	3	
	IVYT 111	Student Success in University Transfer	1	
A	MATH 211	Calculus I	4	M215-1
A	XXXX XXX	Social and Behavioral Ways of Knowing Elective	3 - 4	
A	XXXX XXX	Humanistic and Artistic Ways of Knowing Elective	3 - 4	
Semester 1: 17				
Semester 2				
A	BIOL 105	Biology I – Molecular and Cellular Processes	5	SCI
	CSCI 101	Computer Science I	3	INFO-I 101
	ITSP 135	Hardware/software Support	4	
A	MATH 212	Calculus II	4	M215-2
Semester 2: 16				
Semester 3				
A	BIOL 107	Biology II – Diversity of Life	5	SCI
	CSCI 102	Computer Science II	3	INFO-I 210
	CSCI 105	Discrete Logic For Computers	3	INFO-I 201
Select 1 of the following courses.				
	SDEV 200	Software Development using Java	3	
	SDEV 210	Software Development using Visual Basic	3	CSCI-A 201
	SDEV 220	Software Development using Python	3	
	SDEV 230	Software Development using C++	3	
	SDEV 240	Software Development using C#	3	
Semester 3: 14				
Semester 4				
^	CPIN 279	Computing and Informatics Exploration and Evaluation	1	
	CSCI 202	Computer Science III	3	INFO-I211
	CSCI 210	Database Systems	3	INFO-I111
	NETI 100	Network Communications	3	
	SDEV 153	Web Site Development	3	INFO-I213

Semester 4: 16

Indiana University South Bend

Transfer of AS in Information technology (IVY Tech) to (BS in Informatics at IUSB)

2/18/2016 revised on 2/28/2016

Semester 5

INFO Cognate	INFO Cognate (Web Development)	3
INFO I 202	Social Informatics	3
PHYS/BIOL/CHEM/AST	Science	3
INFO-I 300	INFO Cognate (Web Development) Human Computer Interaction Design	3
INFO Cognate	INFO Cognate (Web Development)	3
	Total Hours:	15

Semester 6

MATH-M 118	Finite Math	3
INFO-I 308	Information Representation	3
INFO-I 310	Multimedia Arts and Technology	3
N390/B390/etc.	300 level Common Core course (N390, B390, T399, A399)	3
CSCI-A340	INFO Cognate (Web Development) (An Introduction to Web Programming)	3
	Total Hours:	15

Semester 7

Math-M	300 Level Statistics	3
WLAN -1	Foreign Language 1	3
INFO Cognate	INFO Cognate(Web Development)	3
SOC/ANTH/POLS/etc	Diversity in US Society or Non-Western Cultures	3
INFO-I 450 / I460	Design and Development of an Information System / Senior Thesis	3
	Total Hours:	15

Semester 8

INFO Cognate	INFO Cognate (Web Development)	3
WLAN -2	Foreign Language 2	3
INFO-I 400	Topics in Informatics	3
INFO-I 320	Distributed Systems and Collaborative Computing	3
INFO-I 451 / I461	Design and Development of an Information System / Senior Thesis	3
	Total Hours:	15