Study Plan for 2+2 in Computer Science with Indiana University

Year 1, First Semester					**Year 1, Second Semester**		
11102	Introduction to Computer Science	3		11103	Structured Programming	3
20134	Discrete Mathematics 1	3		11151	Structured Programming Lab	1
20141	Physics I	3		20135	Discrete Mathematics 2	3
20132	Calculus I	3		22241	Digital Logic Design	3
	S&H Course	3		20133	Calculus 2	3
					S&H Course	3
		15				16
Year 2, First Semester				**Year 2, Second Semester**		
11206	Object Oriented Programming	3		11212	Data Structures and Introduction to Algorithms	3
11253	Object Oriented Programming Lab	1		11316	Theory of Computation	3
20142	Physics 2	3		20233	Statistical Methods	3
22342	Computer Organization and Assembly Language	3		20333	Numberical Analysis	3
20234	Linear Algebra	3		31263	Technical Writing and Communication Skills	3
31121	English Language	3		22541	Computer Architecture	3
		16				18
Year 3, First Semester				**Year 3, Second Semester**		
	CS Elective (CSCI-P 465)	4		CSCI-B 403	Introduction to Algorithm Design and Analysis	3
	Natural Science	3		CSCI-C 311	Programming Languages	4
CSCI-B 461	Database Concepts	3			CS Elective (CSCI-P 436)	3
	English Composition	3			A&H Course	3
CSCI-Y 395	Career Development for Computer Science Majors	1			Natural Science	3
		14				16
Year 4, First Semester				**Year 4, Second Semester**		
CSCI-P 423	Compilers	4			Diversity in the US Course	3
	CS Elective (CSCI-P 438)	3			IU Course	3
	CS Elective (CSCI-B 351)	3			IU Course	3
	IU Course	3			IU Course	3
	Intensive Writing	3			A&H Course	3
		16				15

CS Electives include:	
CSCI-B 351	**Introduction to Artificial Intelligence**
CSCI-P 434	Distributed Systems
CSCI-P 436	**Introduction to Operating Systems**
CSCI-P 438	**Introduction to Computer Networks**
CSCI-B 443	**Computer Architecture**
CSCI-P 465	**Software Engineering for Information Systems**
CSCI-B 481	Interactive Graphics