

Computer Science TSAP: Ivy Tech A.S. in Computer Science transfer to Ball State University B.S. in Computer Science

Ivy Tech A.S. in Computer Science	Credits (h)	60
--	--------------------	-----------

YEAR 3 - Ball State University

Fall Semester			Spring Semester		
Course ID	Course Name	Credits (h)	Course ID	Course Name	Credits (h)
ENG 104	Composing Research	3	WPP 392	Writing Proficiency Exam	0
MATH 181*	Elementary Probability and Statistics	3	HIST 150	The West in the World	3
CS 222	Advanced Programming	3	PFW 1XX	Various Titles	2
CS 224	Design and Analysis of Algorithms	3	FIN 101	Personal Finance for Fiscal Wellness	1
CS 230	Computer Organization and Architecture	3	CS 239	Social and Professional Issues	3
			CS 380	Theory of Computation	3
			CS 418	Database Design	3
	Semester Total =	15		Semester Total =	15

YEAR 4 - Ball State University

Fall Semester			Spring Semester		
Course ID	Course Name	Credits (h)	Course ID	Course Name	Credits (h)
CS 416	Computer Networks	3	CS 431	Programming Languages	3
CS 419	Operating Systems	3	CS 498	Software Engineering 2	3
CS 495	Software Engineering	3	CS XXX	CS Major Elective	3
CS XXX	CS Major Elective	3	CS XXX	CS Major Elective	3
General Elective		3	General Electives		3
	Semester Total =	15		Semester Total =	15

Ball State University B.S. in Computer Science	Credits (h)	60
---	--------------------	-----------

**The MATH 181 requirement can also be fulfilled with MATH 221 or ECON 221*

Advising Notes: Associate of Science in Computer Science