

COMPUTER INFORMATION SYSTEMS PROGRAM CARD

Name: _____ Entry Date: _____ Advisor: _____

Yr	M	Cr	Code	Course	Completed	Notes
	*	3	CAIS 125	Intro to Computer Info Systems.....	[]	_____
	*	3	-Core-Math Applied	CAIS Algorith Lang (CAIS 117 or 120)...	[]	_____
	*	3	-Core-Soc Understg	(ECON 101-Macroeconomics).....	[]	_____
		4	-Core-Composition	(ENGL 101).....	[]	_____
FR.		3	-Core-Soc Understg	().....	[]	_____
		3	-Core-Soc Understg	().....	[]	_____
		3	-Core-Lit & Phil Anal	().....	[]	_____
		6	General Electives	().....	[] []	_____
		2	General Elective	().....	[]	_____
Yr	M	Cr	Code	Course	Completed	Notes
	*	6	CAIS Prog Lang Seq Elec	().....	[] []	_____
	*	6	ACCT 104-105	Prin of Accounting I/II.....	[] []	_____
	*	3	BUSM Elective	(FINC 207, MGMT 220, or MRKT 231)...	[]	_____
	*	3	CAIS Tier 2 Elective	().....	[]	_____
SO.	*	3	-Core-Math Trad	(MATH 108-Elem Statistics).....	[]	_____
		3	-Core-Apprec Arts	().....	[]	_____
		3	General Elective	().....	[]	_____
		3	-Core-Diversity Global	().....	[]	_____
Yr	M	Cr	Code	Course	Completed	Notes
	*	3	CAIS 210	Database Application Develop Tech.....	[]	_____
	*	3	CAIS 310	Database Management.....	[]	_____
	*	3	CAIS Tier 2 or 3 Elect	().....	[]	_____
	*	3	MGMT 221	Business Management.....	[]	_____
	*	3	BUSM Elective	(FINC 207, MGMT 220, or MRKT 231)...	[]	_____
JR.	*	3	MGMT 250	Quant Approaches to Business Decisions..	[]	_____
	*	3	ENGL 392	Business & Technical Writing.....	[]	_____
		4	-Core-Sci Lab	().....	[]	_____
		3	-Core-Sci Allied or Lab	().....	[]	_____
		3	-Core-Diversity U.S.	().....	[]	_____
Yr	M	Cr	Code	Course	Completed	Notes
	*	3	CAIS 346	Systems Analysis & Design.....	[]	_____
	*	3	CAIS 353	Applied Development Project.....	[]	_____
	*	3	MGMT 308	Organ Development & Behavior.....	[]	_____
	*	3	CAIS Tier 3 Elective	().....	[]	_____
SR.	*	3	CAIS Tier 3 Elective	().....	[]	_____
		3	Core-U.S. Hist & Govt	().....	[]	_____
		3	General Elective	().....	[]	_____
		3	General Elective	().....	[]	_____
		3	General Elective	().....	[]	_____
		2	General Elective	().....	[]	_____

_____ Credits (circled above) will be required for WSU Computer Science degree
 _____ Credits available but not listed above (i.e. "below the line" credits)
 _____ Credits (boxed above) previous WSU work applied to WSU Computer Science program
 _____ Transfer Credits applied to program from _____
 _____ Transfer Credits applied to program from _____
 _____ Total

Courses Fulfilling CAIS Elective Requirements:

CAIS Algorithmic Language Elective may be satisfied by either of the following:

- CAIS 117 – Introduction To Computer Programming (3 cr)**
- CAIS 120 – Computer Science/Program Design (4 cr)**

CAIS Programming Language Sequence Elective may be satisfied by any of the following sequences:

- CAIS 117 – Introduction To Computer Programming (3 cr)**
- CAIS 218 – Python II (3 cr)

- CAIS 120 – Computer Science/Program Design (4 cr)**
- CAIS 220 – Computer Science/Program Design II (4 cr)**

- CAIS 205 – Introduction to Cobol (3 cr)
- CAIS 308 – Advanced Cobol/File Processing (3 cr)

CAIS Tier 2 Electives may be satisfied by:

- CAIS 120 – Computer Science/Program Design (4 cr)**
- CAIS 212 – Visual Programming Concepts (3 cr)
- CAIS 216 – Web-based Application Development (3 cr)
- CAIS 220 – Computer Science/Program Design II (4 cr)**
- CAIS 224 – Advanced Microcomputer Applications (3 cr)
- CAIS 236 – Computer Organization and Architecture (4 cr*)

CAIS Tier 3 Electives may be satisfied by:

- CAIS 230 – Data Structures/Algorithm Analysis (4 cr*)
- CAIS 290 – Computer Security (3 cr)
- CAIS 305 – Elements of Systems Programming (3 cr)
- CAIS 307 – Organization of Programming Languages (3 cr)
- CAIS 312 – End-User Computing: An Overview (3 cr)
- CAIS 315 – Multimedia Presentation Technology (3 cr)
- CAIS 316 – Web Programming (3 cr)
- CAIS 337 – Networking/Client Server Computing (3 cr)
- CAIS 341 – Computer Graphics (3 cr)
- CAIS 347 – Introduction to Networking (3 cr)
- CAIS 348 – Computer Simulation (3 cr)
- CAIS 350 – Artificial Intelligence (3 cr)

* Note that if the total credits taken in fulfilling the CAIS Elective Requirements exceed 21 credits, then the number of credits of General Electives required to be taken may be reduced by the number of credits by which the courses fulfilling the requirements of the CAIS Electives exceeded 21 credits. 120 total credits are required for graduation.

** Note that CAIS 117, CAIS 120, or CAIS 220 may not be used to satisfy more than one of the four CAIS Elective categories above.

End-User Computing Concentration:

An End-User Computing Concentration shall be deemed to have been completed if both CAIS 312 and CAIS 337, and at least one of CAIS 212 and CAIS 224 have been satisfactorily completed by a student receiving a degree in Computer Information Systems.

Prerequisites of Required Courses:

CAIS 125	None
CAIS 210	CAIS 124 or CAIS 125 or MGMT 107
CAIS 310	CAIS 210 or CAIS 230
CAIS 346	Knowledge of a high-level programming language
CAIS 353	CAIS 346 and senior standing in Computer Information Systems
ECON 101	None
ENGL 392	ENGL 101
MATH 108	High School Algebra II
ACCT 104	MGMT 107 or CAIS 124 or CAIS 125
ACCT 105	ACCT 104
MGMT 221	MGMT 107 or CAIS 124 or CAIS 125
MGMT 250	(MGMT 107 or CAIS 124 or CAIS 125) and MATH 108
MGMT 308	MGMT 221

Prerequisites of Algorithmic Language Elective:

CAIS 117	None
CAIS 120	CAIS 102 or CAIS 117

Prerequisites of Programming Language Sequence Elective:

CAIS 117	None
CAIS 218	CAIS 117
CAIS 120	CAIS 102 or CAIS 117
CAIS 220	CAIS 120 or equivalent
CAIS 205	CAIS 125
CAIS 308	CAIS 205

Prerequisites of Tier 2 Electives:

CAIS 120	CAIS 102 or CAIS 117
CAIS 212	Knowledge of a high-level programming language, and familiarity with a windowed environment
CAIS 216	Knowledge of a high-level programming language
CAIS 220	CAIS 120 or equivalent
CAIS 224	CAIS 124 or CAIS 125 or MGMT 107 or equivalent
CAIS 236	CAIS 120 and CAIS 265

Prerequisites of Tier 3 Electives:

CAIS 230	CAIS 102 and CAIS 220
CAIS 290	CAIS 125 or CRJU 207 or ACCT 104 or knowledge of a high-level programming language
CAIS 305	CAIS 120 or equivalent
CAIS 307	CAIS 230
CAIS 312	CAIS 346 or Permission of Instructor
CAIS 315	Knowledge of a high-level programming language or Permission of Instructor
CAIS 317	CAIS 124 or equivalent, or knowledge of a high-level programming language
CAIS 337	CAIS 310 or CAIS 230
CAIS 341	CAIS 120
CAIS 347	MATH 104 and knowledge of a high-level programming language
CAIS 348	(MATH 108 or MATH 340) and (CAIS 120 or CAIS 212)
CAIS 350	CAIS 230

Prerequisites of Business Management Electives:

FINC 207	ACCT 105
MGMT 220	ACCT 104, MGMT 250, and (MGMT 107 or CAIS 124 or CAIS 125)
MRKT 231	Sophomore Standing