

COMPUTER INFORMATION SYSTEMS PROGRAM CARD

Name: _____ Entry Date: _____ Advisor: _____

Yr	M	Cr	Code	Course	Completed	Notes
	*	3	CAIS 125	Intro to Computer Info Systems.....	<input type="checkbox"/>	_____
	*	3	-Core-Math Applied	CAIS Algorith Lang (CAIS 117 or 120)	<input type="checkbox"/>	_____
	*	3	-Core-Soc Understg	(ECON 101-Macroeconomics).....	<input type="checkbox"/>	_____
		3	-Core-Composition	(ENGL 101).....	<input type="checkbox"/>	_____
FR.		3	-Core-Soc Understg	(_____).....	<input type="checkbox"/>	_____
		3	-Core-Soc Understg	(_____).....	<input type="checkbox"/>	_____
		3	-Core-Lit & Phil Anal	(_____).....	<input type="checkbox"/>	_____
		6	General Electives	(_____).....	<input type="checkbox"/>	_____
		3	General Elective	(_____).....	<input type="checkbox"/>	_____

Yr	M	Cr	Code	Course	Completed	Notes
	*	6	CAIS 205-308	Intro/Advanced COBOL.....	<input type="checkbox"/>	_____
	*	6	ACCT 104-105	Prin of Accounting I/II.....	<input type="checkbox"/>	_____
	*	3	MGMT 221	Business Management.....	<input type="checkbox"/>	_____
SO.	*	3	CAIS Tier 2 Elective	(_____).....	<input type="checkbox"/>	_____
	*	3	-Core-Math Trad	(MATH 108-Elem Statistics).....	<input type="checkbox"/>	_____
		3	-Core-Apprec Arts	(_____).....	<input type="checkbox"/>	_____
		3	General Elective	(_____).....	<input type="checkbox"/>	_____
		3	-Core-Diversity Global	(_____).....	<input type="checkbox"/>	_____

Yr	M	Cr	Code	Course	Completed	Notes
	*	3	CAIS 210	Database Application Develop Tech.....	<input type="checkbox"/>	_____
	*	3	CAIS 310	Database Management.....	<input type="checkbox"/>	_____
	*	3	CAIS Tier 2 or 3 Elect	(_____).....	<input type="checkbox"/>	_____
	*	3	BUSM Elective	(FINC 207, MGMT 220, or MRKT 231)..	<input type="checkbox"/>	_____
JR.	*	3	BUSM Elective	(FINC 207, MGMT 220, or MRKT 231)..	<input type="checkbox"/>	_____
	*	3	MGMT 250	Quant Approaches to Business Decisions.	<input type="checkbox"/>	_____
	*	3	ENGL 392	Business & Technical Writing.....	<input type="checkbox"/>	_____
		4	-Core-Sci Lab	(_____).....	<input type="checkbox"/>	_____
		3	-Core-Sci Allied or Lab	(_____).....	<input type="checkbox"/>	_____
		3	-Core-Diversity U.S.	(_____).....	<input type="checkbox"/>	_____

Yr	M	Cr	Code	Course	Completed	Notes
	*	3	CAIS 346	Systems Analysis & Design.....	<input type="checkbox"/>	_____
	*	3	CAIS 353	Applied Development Project.....	<input type="checkbox"/>	_____
	*	3	MGMT 308	Organ Development & Behavior.....	<input type="checkbox"/>	_____
	*	3	CAIS Tier 3 Elective	(_____).....	<input type="checkbox"/>	_____
SR.	*	3	CAIS Tier 3 Elective	(_____).....	<input type="checkbox"/>	_____
		3	Core-U.S. Hist & Govt	(_____).....	<input type="checkbox"/>	_____
		3	General Elective	(_____).....	<input type="checkbox"/>	_____
		3	General Elective	(_____).....	<input type="checkbox"/>	_____
		3	General Elective	(_____).....	<input type="checkbox"/>	_____
		2	General Elective	(_____).....	<input type="checkbox"/>	_____

_____ Credits (circled above) will be required for WSC Computer Information Systems degree
 _____ Credits available not listed above ("below the line")
 _____ Credits (boxed above) previous WSC work applied to WSC Computer Information Systems program
 _____ Transfer Credits applied to program from _____
 _____ Transfer Credits applied to program from _____

_____ Total (August 2021)

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

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

CAIS Tier 2 Electives may be satisfied by:

- CAIS 120 – Computer Science/Program Design I (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 Algorithmic Language requirement and the four course CAIS Tier 2 and Tier 3 Elective requirement exceed 15 credits, then the number of credits of General Electives required to be taken may be reduced by the number of credits by which the credits of courses fulfilling the requirements of the CAIS Algorithmic Language and CAIS Tier 2 and Tier 3 Electives exceeded 15 credits. 120 total credits are required for graduation.

** Note that CAIS 120 may be used to satisfy either the CAIS Algorithmic Language requirement or one of the CAIS Tier 2 Elective requirements; however, it may not fulfill both requirements for a student's program of study.

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	205	CAIS 125
CAIS	210	CAIS 124 or CAIS 125 or MGMT 107
CAIS	308	CAIS 205
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 and ENGL 102
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 Electives:

CAIS	117	None
CAIS	120	MATH 104 or 2 years of high school algebra

Prerequisites of Tier 2 Electives:

CAIS	120	MATH 104 or 2 years of high school algebra
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 PHSC 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	316	CAIS 216, and (CAIS 120 or CAIS 212)
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