

## 4 YEAR PLAN FOR 2009-10 COMPUTER INFORMATION SYSTEMS MAJORS

✓ Fall - Year 1 (16 semester hours)	Prerequisites	Offered	✓ Spring - Year 1 (15 semester hours)	Prerequisites	Offered
COM 101 - Introduction to Communication (G)	n/a	F, S	BU 200 - Introduction to Business (P)	n/a	F, S
CS 150 - Introduction to Programming (P)	n/a	F, S	CS 110 - Intro to Web Page Design (P)	n/a	F, S
CUH 100 - The First year Experience (E)	n/a	F	EN 102 - Expository Writing (G)	EN 101	F, S
EN 101 - Intro to Expository Writing (G)	n/a	F, S	MA 110 - Pre-Calculus (P)	MA 103	F, S
MA 103 - College Algebra (G)	n/a	F, S	Social Science course - EC 201 (G)	n/a	F, S
Philosophy - PH 100, 103, or 105 (G)	n/a	F, S, SU			
<b>✓ Fall - Year 2 (15 semester hours)</b>			<b>✓ Spring - Year 2 (15 semester hours)</b>		
BU 224 - Applied Business Statistics (P)	MA 103	F, S	AC 201 - Principles of Accounting (P)	MA 103 & CS 103	F, S
CS 103 Computers and Application Software (P)	n/a	F, S	Behavioral Science course* (G)	n/a	F, S
CS 330 - Upper Division CS course (M)	CS 150	F	Fine Arts course* (G)	n/a	F, S, SU
EC 202 - Principles of Microeconomics (P)	MA 103	F, S	MA 331 Probability and Statistics (P)	MA 110	F, S
Religion - RE 103, 205, or 211 (G)	n/a	F, S, SU	History - any 100 or 200 level course (G)	n/a	F, S, SU
<b>✓ Fall - Year 3 (16 semester hours)</b>			<b>✓ Spring - Year 3 (16 semester hours)</b>		
CS 310 - Object Oriented Programming (M)	CS 150	F	English Literature - EN 201, 255, or 256 (G)	EN 102	F, S
CS 430 - Software Engineering (M)	CS 150	F (alt yrs)	CS 420 - Database Management Systems (M)	CS 150	S (alt yrs)
MA 308 - Discrete Mathematics (M)	#	varies	300-400 level Elective course outside the major (G)	#, varies	F, S, SU
MKT 301 - Principles of Marketing (M)	EC 201 & EC 202	F	Natural science course including lab* (G)	n/a	F, S, SU
Natural science course including lab* (G)	n/a	F, S, SU	Religion - any 300 level Religion course	RE 100-200	F, S, SU
<b>✓ Fall - Year 4 (18 semester hours)</b>			<b>✓ Spring - Year 4 (15 semester hours)</b>		
300-400 level Elective course outside the major (G)	#, varies	F, S, SU	300-400 level Elective course outside the major (G)	#, varies	F, S, SU
BU 324 - Quantitative Methods in Business (M)	BU 224 & MA 103	F	MGT 305 (M)	BU 200, CS 103	S
BU 362 - Legal & Ethical Issues in Business (M)	#	F	CS 350 - Data Structures (M)	CS 150	S
CS 460 - Telecommunications & Network Systems (M)	CS 150	F (alt yrs)	Global Awareness/FL course* (G)	#, varies	F, S
MGT 407 - Operations Management (M)	AC 201, EC 201, BU 324	F, S	Interdisciplinary course* (G)	#, varies	F, S, SU
CS Elective (M) (see below)	varies	varies			
<b>Other Electives</b>					
CS Electives - choose one: CS 330, CS 470, CS 480, CS 487, CS 499, ID 318, ID 319, COM 330					

(G - General Education, P - Premajor, F - Foundation, M - Major, E - Elective, S - Spring, F - Fall, SU - Summer)

TOTAL SEMESTER HOURS **126**

\*see back for more details

" For detailed information and course descriptions consult [www.chaminade.edu/catalog](http://www.chaminade.edu/catalog)

Pre-requisite courses require a grade of 'C' or better.

# - EN 102 & COM 101 are prerequisites courses for ALL 300-400 level courses.

NOTE: This plan is a guide that is subject to change. See your advisor every semester for updates

**4 YEAR PLAN FOR 2009-10  
COMPUTER INFORMATION SYSTEMS MAJORS**

**GENERAL EDUCATION REQUIREMENTS DETAILS**

**BEHAVIORAL SCIENCE** (choose any ONE of the following)

AN 200, CJ 201, ENV 100, PSY 101, SO 200

**FINE ARTS** (choose any ONE of the following)

AR 101, AR 103, AR 111, AR 201, AR 202, AR 250, AR 255, MU 208, PAR 100, PAR 101, PAR 102, PAR 201, PAR 204, PAR 205, PAR 208, PAR 210

**GLOBAL AWARENESS** (choose any ONE of the following) **OR Second Semester of a Foreign Language**

AN 340, AN 350, AN 357, AN 360, COM 310, EN 305, EN 422, HI 342, HI 344, HI 442, HI 443, HI 444, HI 450, HI 451, HI 452, HI 453, PH 475, POL 342, POL 344, POL 442, POL 444, POL 451, POL 453, PSY 436, PSY 475, PSY 476, PSY 477, PSY 478, PSY 479, RE 357, RE 359, RE 365, RE 450, RE 460, RE 461, RE 469, RE 471, RE 472, RE 475, RE 476, RE 477, RE 478, SO 331, SO 401

**INTERDISCIPLINARY** (choose any ONE of the following)

CJ/RE 435, COM/RE 433, EN 307, ENV/RE 431, GE/ID 335, HI/POL 305, HI/RE 322, HI/POL 324, HI/POL 442, HI/POL, PH/RE/SO 305, PH/SO 360, PH/RE 425, PH/PSY 471, PH/PSY/RE 475, PSY/RE 476, PSY/RE 477, PSY/RE 478, PH/PSY/RE 463, RE/PH 473, PH/RE/SO 338

**MATHEMATICS**

Requirement varies based on major. Consult specific program requirements.

**NATURAL SCIENCES**

TWO courses, including TWO LABS in Biology, Environmental Studies, Chemistry, or Physics. See below for science courses for non-science majors.

**SOCIAL SCIENCE** (choose any ONE of the following)

EC 201, GE 102, GE 103, HI 201, HI 202, POL 111, POL 211

**UPPER DIVISION ELECTIVES**

Any upper division (300 or 400 level) courses taken outside the major for which prerequisites are satisfied

**NATURAL SCIENCE COURSES FOR NON-SCIENCE MAJORS**

BI 101 & 101L, BI 102 & 102L, BI 103 & 103L, BI 110 & 110L, BI 115 & 115L, BI 130 & 130L, BI 131 & 131L, CH 103 & 103L, CH 107 & 107L, ENV 115 & ENV 115L, ENV 201 & 201L, ENV 202 & 202L, PHY 111 & 111L, PHY 121 & 121L, PHY 140 & 140L

**GRADUATION REQUIREMENTS**

- ~ Satisfied all core curriculum requirements including nine credits of upper division course work outside the disciplines required for the declared major and the interdisciplinary course
- ~ Satisfied all requirements for the major discipline
- ~ Completed a minimum of 45 upper division credits
- ~ Achieved a minimum GPA of 2.0 (some majors may require a higher GPA)
- ~ Completed at least 30 semester hour credits in residence, including at least half of the credits in the major discipline
- ~ Completed a minimum of 120 semester hours