

4 YEAR PLAN FOR 2009-10 COMPUTER SCIENCE MAJORS (BS)

✓ Fall - Year 1 (15 semester hours)	Pre-Req	Offered	✓ Spring - Year 1 (16 semester hours)	Pre-Req	Offered
MA 103 - College Algebra (G)	placement	F, S	CS 150 - Intro to Programming (P)	n/a	F, S
COM 101 - Intro to Communication (G)	n/a	F, S	EN 102 - Expository Writing (G)	EN 101	F, S
Philosophy - PH 100, 103, or 105 (G)	n/a	F, S, SU	MA 110 - Pre-calculus (P)	MA 103	F, S
CUH 100 - The First Year Experience (E)	n/a	F, S	Natural science course including lab* (G)	n/a	F, S
EN 101 - Intro to Expository Writing (G)	n/a	F, S	Religion - RE 103, 205, or 211 (G)	n/a	F, S
CS 110 - Introduction to Web Page Design	n/a	F, S			
✓ Fall - Year 2 (16 semester hours)			✓ Spring - Year 2 (15 semester hours)		
CS 310 - Object Oriented Programming (M)	CS 150	F	CS 330 - Computer Architecture (M)	CS 150	S
CS upper division elective	CS 150	F, S	CS 350 - Data Structures (M)	CS 150	S
Natural Science course including lab* (G)	n/a	F, S, Su	Fine Arts course* (G)	n/a	F, S, SU
Behavioral Science course* (G)	n/a	F, S, Su	History - any 100 or 200 level History course (G)	n/a	F, S, Su
Social Science course* (G)	n/a	F, S	MA 331 - Intro to Probability & Statistics (M)	MA 110	F, S
✓ Fall - Year 3 (15 semester hours)			✓ Spring - Year 3 (15 semester hours)		
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
Global Awareness/FL course* (G)	#, varies	F, S	CS 420 - Database Management (M)	CS 150	S (alt yrs)
CS 410 - Operating Systems (M)	CS 150	F (alt yrs)	Interdisciplinary course* (G)	#, varies	F, S, SU
CS 430 - Software Engineering (M)	CS 150	F (alt yrs)	MA 308 - Discrete Mathematics (M)	MA 110	S
English Literature - EN 201, 255, or 256 (G)	EN 102	F, S, SU	Religion - any 300 level Religion course	#, RE 100-200	F, S, SU
✓ Fall - Year 4 (15 semester hours)			✓ Spring - Year 4 (12 semester hours)		
300-400 level Elective course outside the major (G)	#, varies	F, S, SU	CS 470 Network Management	CS 150	S (alt yrs)
BU 362 - Legal & Ethical Issues in Business (M)	EN 102	F, S	Free elective (E)	#, varies	F, S, SU
CS 460 - Telecommunications (M)	CS 150	F (alt yrs)	Free elective (E)	#, varies	F, S, SU
Free Elective (E)	#, varies	F, S, SU	Free elective (E)	#, varies	F, S, SU
MA 401 - Linear Algebra (M)	MA 110	F			
Other Electives					

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

TOTAL SEMESTER HOURS 121

*see back for more details

"SU" courses are not guaranteed to be offered every summer.

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

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

For detailed information and course descriptions consult www.chaminade.edu/catalog

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

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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