

**CONCENTRATION AREAS & REQUIREMENTS
1999-2001**

Cognitive Science Concentration

CMPS 420 - Artificial Intelligence
CMPS *
ENGL 351 - Linguistics
PSYC 360 - Cognitive Psychology
ELEC **

* Choose from CMPS 425, 440, 452

** Choose from ENGL 425, 458, 461, PHIL 241, 342, 349, 401, 467

Note: This concentration requires PSYC 110 as a BHSC.

Electrical Engineering Concentration

MATH 302 - Calculus III
EECE 341 - Digital Systems
EECE 355 - Circuits and Signals
EECE *
EECE *

* Choose from EECE 333, 335, 413, 434, 439

Note: This concentration requires PHYS 201,202, 215, 216 to satisfy the non-BIOL SCI requirements.

Human Computer Interaction Concentration

CMPS 452 - User-Interface Design (may substitute CMPS 420 – Artificial Intelligence)
CMPS *
ENGL 351 - Linguistics
PSYC 415 - Experimental Psychology
ELEC **

* Choose from CMPS 415, 420

** Choose from ENGL 425, 452, 458, PSYC 313, 330, 340, PHIL 309, VIAR 320

Note: This concentration requires PSYC 110 and 210 as BHSC electives

Management Information Systems Concentration

CMPS 353 - Principles of File Organization and Processing
CMPS *
ACCT 201 - Principles of Accounting I
ELEC **
ELEC **

* Choose from CMPS 452, CMPS 499 - Networks

** A 2-course sequence is required and can be satisfied by:

ACCT 202 and any one of MGMT 320, BLAW 310, 415, 425, ECON 320, 330
OR

6 hours from MGMT 320, 350, 390, BSAT 303

Note: The concentration requires ECON 300 as a BHSC elective.

Scientific Computing Concentration

CMPS 352 - Scientific Computing
CMPS 415 - Graphics
MATH 302 - Calculus III
MATH 350 - Differential Equations
MATH *

* Choose from MATH 450, 455, 487, 495