

Fitchburg State College
COMPUTER SCIENCE

NAME _____

Email/phone# _____

Readiness (Not for academic credit. May not be required for some transfer students):

Mathematics

Placement Exam () or
Basic Math II () ?

English

Placement Exam () or
Basic College Writing ()

(Numbers below indicate semester hours)

REQUIRED:

Writing I & II 3 () 3 ()
Health & Fitness 3 ()

CONTENT CLUSTERS:

Quantitative/Scientific (Q)

(12-15 S.H. - 4 courses)

+Precalculus _____ 3
Discrete Mathematics _____ 3
General Physics I _____ 4
General Physics II _____ 4

Ideas and Events (I)

(9 S.H. - 3 courses)

Historic Perspective _____ 3
_____ 3
_____ 3

Human Behavior (B)

(6 S.H. - 2 courses)

_____ 3
_____ 3

Literature, Language, and the Arts (L)

(12 S.H. - 4 courses)

Literature _____ 3
Arts _____ 3
Speech _____ 3
_____ 3

Liberal Arts and Sciences Electives

(12 S.H. - 4 courses)

Business Statistics _____ 3
Calculus I _____ 4
Calculus II _____ 4
Linear Algebra _____ 3

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Other Liberal Arts and Sciences Requirements:

For the following requirements, put a check in the parentheses if the course credits are counted elsewhere.

*Junior/Senior Writing _____ ()

*Listening & Speaking _____ ()

*Computer Literacy _____ ()

**Interdisciplinary (Y)

(2 courses - 1 in freshman year)

_____ ()
_____ ()

**Multicultural (C)

(2 courses)

_____ ()
_____ ()

Intermediate and Advances LAS Courses

3 courses at or above 2000 level in one discipline and outside one's major (There may be an introductory prerequisite course.)

Calculus I _____ ()

Calculus II _____ ()

Linear Algebra _____ ()

* CSC 4400: Software Engineering satisfies the Junior/Senior Writing and Listening & Speaking requirements. Computer Literacy requirement is satisfied by CS core courses.

**Courses designated here can simultaneously meet the content clusters distribution and other clusters in this column. However, no course can be used to satisfy two different content clusters.

+ If Precalculus was exempted, replace this with another course from Q cluster.

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TRANSFER CREDITS

Major: Required Courses (37 S.H.)

CSC 1500 Computer Science I	3
CSC 1550 Computer Science II	3
CSC 1600 Intro to Electronics	4
CSC 1650 Digital Electronics	4
CSC 2560 Systems Programming	3
CSC 2600 Computer Organization	4
CSC 3100 Operating Systems	3
CSC 3200 Programming Languages	3
CSC 3600 Microprocessors	4
CSC 3700 Algorithms and Data Structures	3
CSC 4400 Software Engineering	3

Five additional Computer Science electives above 3000 level (15 S.H.)

_____	3
_____	3
_____	3
_____	3
_____	3

Free Electives from any area to satisfy the interdisciplinary and multicultural requirements and to bring the total to a minimum of 120 S.H.

_____	3
_____	3
_____	3

It is the student's responsibility to fulfill accurately and completely all Liberal Arts & Sciences and departmental requirements for the degree.