

Prerequisite Flowchart of Required Computer Science Courses

FRESHMAN

CSCI 1301
Computer Science I (R)
Fall/Spring

CSCI 1302
Computer Science II (R)
Fall/Spring

MATH 1113 (or higher)
PRE CALCULUS

SOPHOMORE

CSCI 2350
Programming II (R)
Fall

AND

CSCI 3680
Discrete Structures (R)
Fall

CSCI 3410
Data Structures (R)
Fall/Spring

CSCI 2800
Social and Professional Issues (R)
Fall/Spring

JUNIOR

AND

CSCI 3211
Assembly Lang. & Digital Design (R)
Fall

CSCI 3212
Computer Organization & Architecture (R)
Spring

CSCI 3341
Operating Systems (R)
Spring

AND

CSCI 4710
Databases (R)
Fall

AND

SENIOR

CSCI 3342
Networks & Networks Programming (R)
Fall

CSCI 3343
Computer Systems Security (R)
Spring

CSCI 4520
Analysis of Algorithms (R)
Fall

CSCI 4330
Programming Languages (R)
Spring

CSCI 4320
Software Engineering (R)
Spring
SENIOR STATUS

CSCI (SE)

Selected Elective-
Student must take
one from group

CSCI (E)

Elective

CSCI (R)

Required

Prerequisite Flowchart of Elective Computer Science Courses

SOPHOMORE

PERMISSION OF
CS
COORDINATOR

CSCI 2960
Internship(E)
?

CSCI 2350
Programing
II(R)
Fall

CSCI 3410
Data Structures
(R)
Fall/Spring

CSCI 3680
Discrete
Structures (R)
Fall

PERMISSION OF
INSTRUCTOR

Completion of Area
F with B or better

JUNIOR

OR

AND

CSCI 3341
Operating
Systems (R)
Spring

CSCI 3342
Networks &
Network
Programming
(R) Fall

CSCI 3610
Internet
Programmi
ng I (E)
Spring

MATH 2150
Linear
Algebra

AND

CSCI 4820
Artificial
Intelligence
(E)
?

OR

CSCI 4680
Human Comp
Interaction
(E)
?

CSCI 3950
Special
Topics(E)
?

AND

SENIOR

AND

CSCI 4960
Internship(SE)
Fall/Spring/Sum

CSCI 4800
Parallel &
Distributed
Computing
(E)
?

CSCI 3343
Computer
Systems
Security(E)
Spring

CSCI 4610
Internet
Prog. II (E)
?

CSCI 4920
Senior
Seminar(E)
?

AND

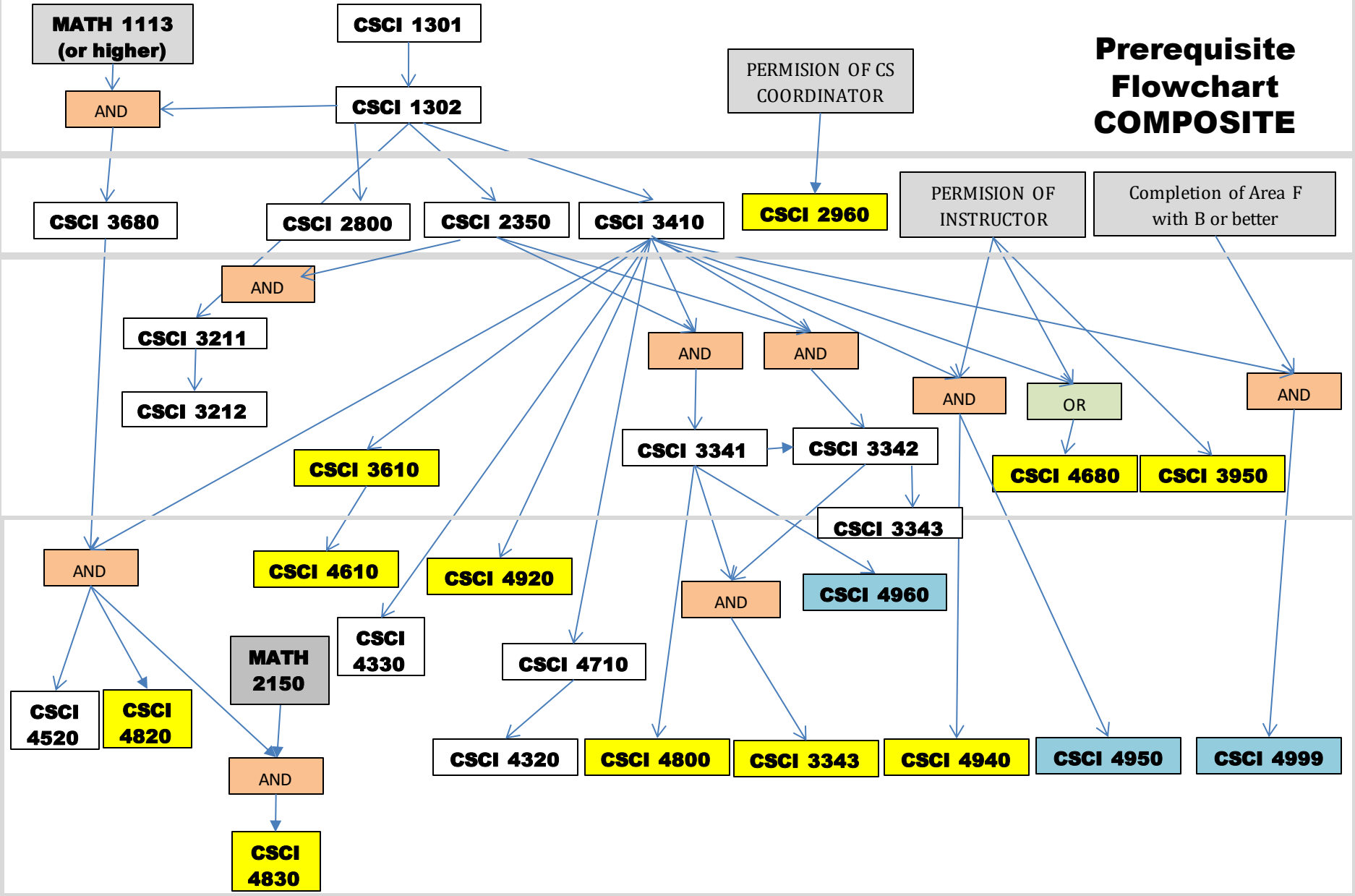
CSCI 4830
Computer
Graphics
(E)
?

CSCI 4940
Indep. Study (E)
Fall/Spring/Sum

CSCI 4950
Special
Topics(SE)
?

CSCI 4999
Und. Research(SE)
Fall/Spring/Sum

Prerequisite Flowchart COMPOSITE



REQUIRED	ELECTIVE	SELECTED ELECTIVE
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