TOTAL HOURS = 120

COMPUTER SCIENCE

2022-2023

FALL

SPRING

FALL

SPRING

FALL

SPRING

FALL

SPRING

(4) C
CSC Intro CS I
for Majors

(4) C
CSC 1351
Intro CS II
for majors

(3) C
CSC 3102
Adv Data Str

(3) C
CSC 3380
OO Design

(3) C
CSC 4402
DB Mgt Sys
(DSA)

(3) C
CSC 4330
Software Sys

S
CSC 4343
Applied Deep Learning
(DSA)

S
(3) CSC 24+++

(5) C
MATH 1550
Calc I

(4) MATH 1552
Calc II

(3) C
CSC 2299
Discrete Structures

(3) C
CSC 3501
Comp Org & Design

(3) C
CSC 44++
(DSA)

(3) C
CSC 4100
Op Sys

(3) C
CSC 4101
Prog Lang

(3) C
MATH 2090
DE & Lin Alg

(3) C
CSC 2262
Num Methods

F
(3) C
CSC 2730
Data Sci & Analytics (DSA)

F
CSC 3730
Machine Learning & Data Anal (DSA)

S
(3) CSC 4740
Big Data Tech
(DSA)

(1) CSC 3200
Ethics in Computing

(3) C
ENGL 1001
Comp I

(3) Gen Ed Hum
ENGL or
HNRS 2000+

(3) Gen Ed Humanity

(3) C
ENGL 2000

* (3)
Tech Elective
A

* (3)
Tech Elective
A or B

(3) C
SCI Seq
I or II Lab

(3) C
SCI Seq
I or II Lab

(3) C
SCI Sequence II
Requirement

(3) SCI Sequence II

(3) Gen Ed Hum
CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

(3) Gen Ed
Hum CMST
see degree audit

HOURS: 15

17

15

15

15

15

13

15 = 120

FLOWCHART LEGEND

C Grade of "C" or better required BEFORE enrolling in next course in the sequence.

Gen Ed General Education; see 2022-2023 General Catalog

OFFICE: 3325 Patrick F. Taylor Hall

* See CSC & E Division for approved list and substitutions; in general, Group A: STEM 2000 level and above; Group B: AVATAR DM Art-track electives

** Pre-approved concentration area electives: CSC 4444, 4501, 4512, 4610; 4762; EE 3150; ISDS 3105, 4118, 4141; MATH 3355, 4024, 4025; CSC 4762; other electives subject to approval

Data Science & Analytics (18 HRS)

Data Science & Analytics (CSC DSA)