



Suggested Curriculum Guide for BS Computer Science, Artificial Intelligence in Data Science Concentration

Freshman (1st Semester) 17 hrs

GSD 101	3
CSC 185	3
CSC 190	3
STA 270	4
^g MAT 234 (fulfills Gen. Ed. 2)	4

Freshman (2nd Semester) 16 hrs

CSC 191	3
CSC 195	3
MAT 244	4
Gen. Ed. 1A (ENG 102)	3
Gen. Ed. 3A (Arts)	3

Sophomore (1st Semester) 15 hrs

CSC 310	3
CSC 313	3
STA 340	3
STA 375	3
Gen Ed. 1B (ENG 102)	3

Sophomore (2nd Semester) 16 hrs

CSC 340	3
CSC 499	1
STA 380	3
Gen. Ed. 1C (Oral Comm.)	3
Gen. Ed. 3B (Humanities)	3
Gen. Ed. 5B (Soc. & Behav. Sci.) (ECO 230 or 231 recommended if ECO sequence is taken)	3

Junior (1st Semester) 15 hrs

CSC 308	3
CSC 311	3
CSC 546	4
Gen. Ed. 4 (Nat. Sci.) (Bio 111 or 112 recommended if BIO sequence taken)	3-(-4)
Gen. Ed. 5A (History)	3

Junior (2nd Semester) 15 hrs

CSC 320	3
CSC 581	3
Gen. Ed. 4 (Nat. Sci.)	3
Gen. Ed. 6 (Diversity)	3
Free Elective	3

Senior (1st Semester) 13-14 hrs

CSC 494, † 495, or 496	1
CSC 582	3
STA 575	3
Supporting Course Sequence (Class 1)	3-4
Gen. Ed. 6 (Diversity)	3

Senior (2nd Semester) 15 hrs

CSC 545	3
CSC 583	3
STA 580	3
STA 585	3
Supporting Course Sequence (Class 2)	3

^g Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.

UNIVERSITY GRADUATION REQUIREMENTS

Total hours University Graduation Requirements.....39 hours

MAJOR REQUIREMENTS

Core Courses..... 28 hours

CSC 185, CSC 190, CSC 191, CSC 195, CSC 308, CSC 310, CSC 313, CSC 338, CSC 340, CSC 499

Concentration Requirements 22 hours

CSC 311, CSC 320, CSC 545, CSC 546, CSC 581, CSC 582, CSC 583

PLUS ONE (1) HOUR selected from the following: CSC 494, † CSC 495, CSC 496

Supporting Course Requirements.....33-34 hours

^g*MAT 234, MAT 244, STA 270, *STA 340, *STA 375, *STA 380, *STA 575, *STA 580, *STA 585

Plus ONE (1) sequence selected from the following:

AEM 202 and *AEM 332 or *AEM 336 or *AEM 506

OR

BIO 315 and *BIO 533

OR

ECO 230 and ECO 231

OR

RMI 370 and *RMI 372 or *RMI 374 or RMI 378

OR

*STA 520 and *STA 521

OR

CSC 332 and *CSC 542 or *CSC 547 or *CSC 548

OR

*GEO 353 and *GEO 453

OR

Two courses from: HLS 401 or HLS 402 or HLS 403

Free Electives 0 hours

Total Curriculum Requirements 123 hours