BS Computer Science-Game Development SCS7  
catalog year: 2017-2018

Sample Plan
Calculus-ready students
This Flowchart is meant as a guide only, any questions about scheduling should be brought up with your academic advisor.

First Year Only

Year 1

Fall

CS1000 (1) Explorations in Computing
CS1121 (3)/CS1131 (5) Intro to Programming I
MA1031/1032 or placement
MA1160 (4) or MA1161 (5) CALC I
MA1031/1032 or placement

Spring

CS1122/1131 Intro to Programming II
CS2321 (3) Data Structures
MA1160/61
MA2720 (4) or MA3710 (3)

Year 2

Fall

CS112/1131 Discrete Structures
CS3211 (3) Programming at HW/ SW Interface
F, S, Su

Spring

CS1122/1131
CS3211
F, S, Su

Year 3

Fall

CS4611 (3) Computer Graphics
CS3411 (3) Systems Programming
F, S

Spring

CS4760 (3) Human-Comp Interaction
CS3421 (3) Comp Org
F, S, Su

Year 4

Fall

CS3311 (3) Formal Model of Comp
CS3311, CS3421, CS2321
F, S, Su

Spring

CS3712 Spring only
CS4496 Fall only
CS4811 Spring only

At least 3 credits of ENT2950/80(1), 3950/80(1), 4900/10(2) HGD Section 18

Optional Ordering

Core List

(3) Social/Behavioral Resp.

(3) Human/Fine Arts

(3) Communication/ Compositoin

(3) 2nd Course from one of the HASS lists

(3) 4th & Society (3)

(3) Tech & Society

(3) HU3120 (3) Sci and Tech Communication

Check Pre-reqs
Check schedule

UN1015 (3) Composition
UN1025 (3) Global Issues

PH1110(3)+PH1111(1)
Or
PH2100(3)+PH1100(1)

F, Su

Credits 14.5

1) Lab Science Courses: Need 8 total credits, two different disciplines (BL, CH, FW, GE, PH, etc), one course must include course & lab. Pick courses off the Science Course list from the Gen Ed STEM list.

2) Technical Electives: List available on CS advising site

3) HASS (Humanities & Fine Arts, Social & Behavioral Sciences) electives: 6 credits must be upper division 3000-4000 level - UN1015 and UN1025 are prerequisites for all upper division HASS courses.

4) Tech & Society: Select one of the following: SS3510, SS3511, SS3520, SS3530, SS3630, SS3800, SS3801, SS3820, SS3881, HU3701, MA4945

Undergraduate advisor: Rekhi 221/227 Email:csadvisor@mtu.edu Sarah Kuhl

Total 123

plus 3 units co-curricular activities