Computer Game Design B.S. Degree
2015-16 Curriculum Chart

*CMPS 12A/L
Intro to Prog. (Accelerated)

CMPS 12B/M
Data Structures

*CMPS 13H/L
Intro to Prog. & Data Structures (Honors)

CMPS 11
Intermediate Programming

*CMPE 12/L
Computer Systems & Assembly Language

*CMPS 13/L
Computer Systems and C Programming

* AMS 10
Engr Math Methods I
or
*MATH 21
Linear Algebra

CMPP 80K
Foundations of Video Game Design

*CMPS 101
Abstract Data Types

CMPP 120
Game Development Experience

*CMPE 16
Discrete Math

AND

ARTG 120
Game Design Experience

* Students may take CMPS 13/L in lieu of another introductory programming class + data structures.

- Completion of Game Design Studio courses satisfies the exit requirement.
- Completion of CMPM 170 satisfies disciplinary communication requirement.
- Students must complete ARTG 80G, ARTG 80H, CMPP 80K, CMPS 12B/M, FILM 80V and students must be concurrently enrolled in both of the courses below

CMPP 176
Systems Design

CMPP 170
Game Design Studio I

ARTG 80H
History of Digital Games

CGE ELECTIVE
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CGE ELECTIVE
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CGE ELECTIVE
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CGE ELECTIVE
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- Computer Game Engineering course lists are on the back of this chart.

Notes:
* Check catalog/SOE course descriptions for additional prerequisites.
Computer Game Design B.S. Degree  
2015-16 Curriculum Chart

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**Computer Game Engineering Electives**

**AMS:**
- AMS 131
- AMS 147
- AMS 179 ♦

**CMPE:**
- CMPE 110
- CMPE 112
- CMPE 113
- CMPE 118/L
- CMPE 131
- CMPE 150/L

**CMPS:**
- CMPS 102
- CMPS 104A
- CMPS 104B
- CMPS 111
- CMPS 112
- CMPS 115
- CMPS 116
- CMPS 117
- CMPS 119
- CMPS 121
- CMPS 122
- CMPS 128
- CMPS 129
- CMPS 130
- CMPS 132
- CMPS 134
- CMPS 137
- CMPS 140
- CMPS 142
- CMPS 143
- CMPS 150/L
- CMPS 160/L
- CMPS 161/L
- CMPS 162/L
- CMPS 165
- CMPS 166A
- CMPS 180
- CMPS 181
- CMPS 183

☼ Can be repeated, but may only satisfy an elective once.

Please note that some Computer Game Engineering electives may have pre-requisites that are not already satisfied by courses required in the major.

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**Student Name:**

**Staff Advisor:**

**Faculty Advisor:**