



## **Undergraduate Program Name: Computer Game Design and Development Graduate Program Name: Software Engineering**

KENNESAW STATE
UNIVERSITY

Course Pairs: Choose ONLY 3 from the course pairs below:

Double Ovel Scholars will NOT take 3 of the Indian less than will

| Double Owl Scholars will NOT take 3 of the following Undergrad CGDD courses: | In their place, they will take the paired course below from the Master's in SWE: |
|--|--|
| SWE 3313   | SWE 6623   |
| SWE 4663   | SWE 6633   |
| SWE 3633   | SWE 6653   |
| SWE 3623   | SWE 6613   |
| SWE 3643   | SWE 6673   |
| SWE 4324   | SWE 6783   |

Non-Thesis Ontion

| Non-Thesis Option          |         |                                 |         |  |
|----------------------------|---------|---------------------------------|---------|--|
| Year 1 - Fall (credits)    | Credits | Year 1 - Spring (credits)       | Credits |  |
| ENGL 1101                  | 3       | ENGL 1102                       | 3       |  |
| ECON 1000                  | 2       | MATH 1190                       | 4       |  |
| MATH 1113                  | 3       | CSE 1322/L                      | 4       |  |
| CSE 1321/L                 | 4       | CGDD 2012/L                     | 4       |  |
| Area B2 Gen Ed Course      | 3       |                                 |         |  |
| TOTAL SEMESTER<br>CREDITS  | 15      | TOTAL SEMESTER<br>CREDITS       | 15      |  |
| Year 2 - Fall (credits)    | Credits | Year 2 - Spring (credits)       | Credits |  |
| ENGL 2xxxx Course          | 3       | Area C2 Gen Ed Course           | 3       |  |
| Science Gen Ed 1 (Area D2) | 4       | Science Gen Ed 2 (Area D2)      | 4       |  |
| POLS 1101                  | 3       | Area E4 Gen Ed Course           | 4       |  |
| HIST 2111 or 2112          | 3       | HIST 1100, 1111, or 1112        | 3       |  |
| CSE 2300 or MATH 2345      | 3       | MATH 2332                       | 3       |  |
|                            |         |                                 |         |  |
| TOTAL SEMESTER<br>CREDITS  | 16      | TOTAL SEMESTER<br>CREDITS       | 17      |  |
| Year 3 - Fall (credits)    | Credits | Year 3 - Spring (credits)       | Credits |  |
| CSE 3801                   | 2       | CS 3642                         | 3       |  |
| CS 3305                    | 3       | CS 4722                         | 3       |  |
| Replace SWE 3313 with 6623 | 3       | Replace SWE 3643 with 6673      | 3       |  |
| CGDD 3103                  | 3       | CGDD 4203                       | 3       |  |
| CGDD 4003                  | 3       | Major Elective 1                | 3       |  |
| TOTAL SEMESTER<br>CREDITS  | 14      | TOTAL SEMESTER<br>CREDITS       | 15      |  |
| Year 4 - Fall (credits)    | Credits | Year 4 - Spring (credits)       | Credits |  |
| Replace SWE 4324 with 6783 | 3       | CGDD 4814                       | 4       |  |
| CS 4306                    | 3       | Major Elective 3 or Grad Course | 3       |  |
| CGDD 4303                  | 3       | Major Elective 4 or Grad Course | 3       |  |
| CGDD 4803                  | 3       | Major Elective 5 (if needed)    | 3       |  |
| Major Elective 2           |         | Major Elective 6 (if needed)    | 3       |  |
| TOTAL SEMESTER<br>CREDITS  | 12      | TOTAL SEMESTER<br>CREDITS       | 16      |  |

| Year 5 - Fall (credits)                             | Credits | Year 5 - Spring (credits)                           | Credits |
|---|---------|---|---------|
| SWE 6613 (if not already taken, otherwise elective) | 3       | SWE 6653 (if not already taken, otherwise elective) | 3       |
| SWE 6623 (if not already taken, otherwise elective) | 3       | SWE 6673 (if not already taken, otherwise elective) | 3       |
| SWE 6633 (if not already taken, otherwise elective) | 3       | SWE 6733  | 3       |
|   |         | SWE 7803  | 3       |
|   |         |   |         |
| TOTAL SEMESTER<br>CREDITS                           | 9       | TOTAL SEMESTER<br>CREDITS                           | 12      |

## PROGRAM TOTAL: CGDD 120 + MS SWE 30 – 9 hours from Double Owl = 141

**Thesis Option** 

| Year 1 - Fall (credits)         Credits         Year 1 - Spring (credits)         Credits           ENGL 1101         3         ENGL 1102         3           ECON 1000         2         MATH 1190         4           MATH 1113         3         CSE 1322/L         4           CSE 1321/L         4         CGDD 2012/L         4           Area B2 Gen Ed Course         3         TOTAL SEMESTER CREDITS         15           TOTAL SEMESTER CREDITS         15         TOTAL SEMESTER CREDITS         15           ENGL 2xxxx Course         3         Area C2 Gen Ed Course         3           Science Gen Ed 1 (Area D2)         4         Science Gen Ed 2 (Area D2)         4           POLS 1101         3         Area E4 Gen Ed Course         4           HIST 2111 or 2112         3         HIST 1100, 1111, or 1112         3           CSE 2300 or MATH 2345         3         MATH 2332         3           TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643                                   | Thesis Option              |         |                                 |         |
|--|----------------------------|---------|---------------------------------|---------|
| MATH 1113   3   CSE 1322/L   4   | Year 1 - Fall (credits)    | Credits | Year 1 - Spring (credits)       | Credits |
| MATH 1113   3   CSE 1322/L   4   | ENGL 1101                  | 3       | ENGL 1102                       | 3       |
| CSE 1321/L         4         CGDD 2012/L         4           Area B2 Gen Ed Course         3         TOTAL SEMESTER CREDITS         15         TOTAL SEMESTER CREDITS         15           Year 2 - Fall (credits)         Credits         Year 2 - Spring (credits)         Credits           ENGL 2xxxx Course         3         Area C2 Gen Ed Course         3           Science Gen Ed 1 (Area D2)         4         Science Gen Ed 2 (Area D2)         4           POLS 1101         3         Area E4 Gen Ed Course         4           HIST 2111 or 2112         3         HIST 1100, 1111, or 1112         3           CSE 2300 or MATH 2345         3         MATH 2332         3           TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CS 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15                             | ECON 1000                  | 2       | MATH 1190                       | 4       |
| Area B2 Gen Ed Course   3  | MATH 1113                  | 3       | CSE 1322/L                      | 4       |
| TOTAL SEMESTER CREDITS         15         TOTAL SEMESTER CREDITS         15           Year 2 - Fall (credits)         Credits         Year 2 - Spring (credits)         Credits           ENGL 2xxxx Course         3         Area C2 Gen Ed Course         3           Science Gen Ed 1 (Area D2)         4         Science Gen Ed 2 (Area D2)         4           POLS 1101         3         Area E4 Gen Ed Course         4           HIST 2111 or 2112         3         HIST 1100, 1111, or 1112         3           CSE 2300 or MATH 2345         3         MATH 2332         3           TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Credits         Credits           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Year 4 - Fall (cred  | CSE 1321/L                 | 4       | CGDD 2012/L                     | 4       |
| CREDITS         15         CREDITS         15           Year 2 - Fall (credits)         Credits         Year 2 - Spring (credits)         Credits           ENGL 2xxxx Course         3         Area C2 Gen Ed Course         3           Science Gen Ed 1 (Area D2)         4         Science Gen Ed 2 (Area D2)         4           POLS 1101         3         Area E4 Gen Ed Course         4           HIST 2111 or 2112         3         HIST 1100, 1111, or 1112         3           CSE 2300 or MATH 2345         3         MATH 2332         3           TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814 <td>Area B2 Gen Ed Course</td> <td>3</td> <td></td> <td></td> | Area B2 Gen Ed Course      | 3       |                                 |         |
| ENGL 2xxxx Course   3  |                            | 15      |                                 | 15      |
| Science Gen Ed 1 (Area D2)         4         Science Gen Ed 2 (Area D2)         4           POLS 1101         3         Area E4 Gen Ed Course         4           HIST 2111 or 2112         3         HIST 1100, 1111, or 1112         3           CSE 2300 or MATH 2345         3         MATH 2332         3           TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Credits         Credits           CSE 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   | Year 2 - Fall (credits)    | Credits | Year 2 - Spring (credits)       | Credits |
| POLS 1101   3   Area E4 Gen Ed Course   4     HIST 2111 or 2112   3   HIST 1100, 1111, or 1112   3     CSE 2300 or MATH 2345   3   MATH 2332   3     TOTAL SEMESTER CREDITS   16   TOTAL SEMESTER CREDITS   17     Year 3 - Fall (credits)   Credits   Year 3 - Spring (credits)   Credits     CSE 3801   2   CS 3642   3     CS 3305   3   CS 4722   3     Replace SWE 3313 with 6623   3   Replace SWE 3643 with 6673   3     CGDD 3103   3   CGDD 4203   3     CGDD 4003   3   Major Elective 1   3     TOTAL SEMESTER CREDITS   14   TOTAL SEMESTER CREDITS   15     Year 4 - Fall (credits)   Credits   Year 4 - Spring (credits)   Credits     Replace SWE 4324 with 6783   3   CGDD 4814   4     CS 4306   3   Major Elective 3 or Grad Course   3  | ENGL 2xxxx Course          | 3       | Area C2 Gen Ed Course           | 3       |
| HIST 2111 or 2112   3  | Science Gen Ed 1 (Area D2) | 4       | Science Gen Ed 2 (Area D2)      | 4       |
| CSE 2300 or MATH 2345         3         MATH 2332         3           TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CSE 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   | POLS 1101                  | 3       | Area E4 Gen Ed Course           | 4       |
| TOTAL SEMESTER CREDITS         16         TOTAL SEMESTER CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CSE 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   | HIST 2111 or 2112          | 3       | HIST 1100, 1111, or 1112        | 3       |
| CREDITS         I6         CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CSE 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   | CSE 2300 or MATH 2345      | 3       | MATH 2332                       | 3       |
| CREDITS         I6         CREDITS         17           Year 3 - Fall (credits)         Credits         Year 3 - Spring (credits)         Credits           CSE 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   |                            |         |                                 |         |
| CSE 3801         2         CS 3642         3           CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   |                            | 16      |                                 | 17      |
| CS 3305         3         CS 4722         3           Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3  | Year 3 - Fall (credits)    | Credits | Year 3 - Spring (credits)       | Credits |
| Replace SWE 3313 with 6623         3         Replace SWE 3643 with 6673         3           CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3  | CSE 3801                   | 2       | CS 3642                         | 3       |
| CGDD 3103         3         CGDD 4203         3           CGDD 4003         3         Major Elective 1         3           TOTAL SEMESTER CREDITS         14         TOTAL SEMESTER CREDITS         15           Year 4 - Fall (credits)         Credits         Year 4 - Spring (credits)         Credits           Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3  | CS 3305                    | 3       | CS 4722                         | 3       |
| CGDD 4003  TOTAL SEMESTER CREDITS  14  TOTAL SEMESTER CREDITS  Year 4 - Fall (credits)  Replace SWE 4324 with 6783  CS 4306  CGDD 4814  Major Elective 1  3  TOTAL SEMESTER CREDITS  15  Year 4 - Spring (credits)  Credits  A Major Elective 3 or Grad Course  3  | Replace SWE 3313 with 6623 | 3       | Replace SWE 3643 with 6673      | 3       |
| TOTAL SEMESTER CREDITS  14  TOTAL SEMESTER CREDITS  Year 4 - Fall (credits)  Replace SWE 4324 with 6783  CS 4306  TOTAL SEMESTER CREDITS  15  Year 4 - Spring (credits)  Credits  CGDD 4814  4  Major Elective 3 or Grad Course  3   | CGDD 3103                  | 3       | CGDD 4203                       | 3       |
| CREDITS  Year 4 - Fall (credits)  Replace SWE 4324 with 6783  CGDD 4814  CS 4306  CREDITS  Year 4 - Spring (credits)  Credits  A GDD 4814  A Major Elective 3 or Grad Course  3  | CGDD 4003                  | 3       | Major Elective 1                | 3       |
| Replace SWE 4324 with 6783         3         CGDD 4814         4           CS 4306         3         Major Elective 3 or Grad Course         3   |                            | 14      |                                 | 15      |
| CS 4306 3 Major Elective 3 or Grad Course 3  | Year 4 - Fall (credits)    | Credits | Year 4 - Spring (credits)       | Credits |
| J. J   | Replace SWE 4324 with 6783 | 3       | CGDD 4814                       | 4       |
|  | CS 4306                    | 3       | Major Elective 3 or Grad Course | 3       |
| CGDD 4303 3 Major Elective 4 or Grad Course 3  | CGDD 4303                  | 3       | Major Elective 4 or Grad Course | 3       |
| CGDD 4803 3 Major Elective 5 (if needed) 3   | CGDD 4803                  | 3       | Major Elective 5 (if needed)    | 3       |
|  | Major Elective 2           |         | Major Elective 6 (if needed)    | 3       |

| TOTAL SEMESTER<br>CREDITS                           | 12      | TOTAL SEMESTER<br>CREDITS                           | 16      |
|---|---------|---|---------|
| Year 5 - Fall (credits)                             | Credits | Year 5 - Spring (credits)                           | Credits |
| SWE 6613 (if not already taken, otherwise elective) | 3       | SWE 6653 (if not already taken, otherwise elective) | 3       |
| SWE 6623 (if not already taken, otherwise elective) | 3       | SWE 6673 (if not already taken, otherwise elective) | 3       |
| SWE 6633 (if not already taken, otherwise elective) | 3       | SWE 6733  | 3       |
|   |         | SWE 7803  | 3       |
|   |         |   |         |
| TOTAL SEMESTER<br>CREDITS                           | 9       | TOTAL SEMESTER<br>CREDITS                           | 12      |

PROGRAM TOTAL: CGDD 120 + MS SWE 30 – 9 hours from Double Owl = 141