

Computer Graphics = 15 hours of core + required electives  
 Specialization      15 hours of "free" electives  
 30 Hours Total for Degree

Must earn grades of "B" or higher in **all** courses that count in Area of Specialization. Must earn a minimum 3.0 overall GPA to graduate. Only letter grade coursework will count.

**SECTION 1 - Demographics**

**Name:** \_\_\_\_\_

**GT ID:** \_\_\_\_\_

**GA Tech Email:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**SECTION 2 – Computer Graphics Core (6 hours)**

| Mark (X) | Prefix & No. | Course Title                              | Semester Taken | Credit Hours | Grade |
|----------|--------------|---|----------------|--------------|-------|
|          | CS 6491      | Foundations of Computer Graphics          |                |              |       |
|          | CS 6505      | Computability, Algorithms, and Complexity |                |              |       |

**Transfer Credit/ Substitutions**

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |

**SECTION 3 – Computer Graphics Required Electives (9 hours)**

**Pick three (3) from:**

| Mark (X) | Prefix & No. | Course Title   | Semester Taken | Credit Hours | Grade |
|----------|--------------|--|----------------|--------------|-------|
|          | CS 6457      | Video Game Design and Programming                              |                |              |       |
|          | CS 6475      | Computational Photography                                      |                |              |       |
|          | CS 6476      | Computer Vision  |                |              |       |
|          | CS 6485      | Visualization Methods for Science and Engineering              |                |              |       |
|          | CS 6764      | Geometric Modeling   |                |              |       |
|          | CS 7490      | Advanced Image Synthesis                                       |                |              |       |
|          | CS 7491      | 3D Complexity Techniques for Graphics, Modeling, and Animation |                |              |       |
|          | CS 7492      | Simulation of Biology  |                |              |       |
|          | CS 7496      | Computer Animation   |                |              |       |
|          | CS 7497      | Virtual Environments   |                |              |       |

**Transfer Credit/ Substitutions**

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |

**SECTION 4 – “Free” Electives (15 hours) “Free” Electives are any remaining letter grade courses not used above and within program rules**

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |

**Transfer Credit/ Substitutions**

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |

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**This section to be completed by MSCS Advisor**

**S-GPA:** \_\_\_\_\_ **C-GPA:** \_\_\_\_\_

**Notes:**

**Advisor**

Sign \_\_\_\_\_

Date \_\_\_\_\_