

**Degree Worksheet  
MSCS**

**Area of Specialization: Human-Computer Interaction**

Human-Computer Interaction Specialization = 15 hours of core + required electives  
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#: \_\_\_\_\_

Graduation Semester: \_\_\_\_\_

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

**SECTION 2 – Human-Computer Interaction Core (6 hours)**

**BOTH are required**

| Mark ( X ) | Prefix & No.                 | Course Title                                                                    | Semester Taken | Credit Hours | Grade |
|------------|------------------------------|---------------------------------------------------------------------------------|----------------|--------------|-------|
|            | CS 6456 <b>OR</b><br>CS 7470 | Principles of User Interface Software <b>OR</b> Mobile and Ubiquitous Computing |                |              |       |
|            | CS 6750                      | Human-Computer Interaction                                                      |                |              |       |

**Transfer Credit / Substitutions**

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

**SECTION 3 – Human-Computer Interaction Required Electives (9 hours)**

**Pick three (3) courses from the two sub-areas below with at least one (1) course from each sub-area:**

**Sub-Area: Design and Evaluation Concepts**

| Mark ( X ) | Prefix & No. | Course Title                                     | Semester Taken | Credit Hours | Grade |
|------------|--------------|--------------------------------------------------|----------------|--------------|-------|
|            | CS 6010      | Principles of Design                             |                |              |       |
|            | CS 6320      | Software Requirements Analysis and Specification |                |              |       |
|            | CS 6455      | User Interface Design and Evaluation             |                |              |       |
|            | CS 6457      | Video Game Design                                |                |              |       |
|            | CS 6460      | Educational Technology: Conceptual Foundations   |                |              |       |
|            | CS 6465      | Computational Journalism                         |                |              |       |
|            | CS 6470      | Design of Online Communities                     |                |              |       |
|            | CS 6795      | Introduction to Cognitive Science                |                |              |       |
|            | CS 7465      | Educational Technology: Design and Evaluation    |                |              |       |
|            | CS 7467      | Computer-Supported Collaborative Learning        |                |              |       |
|            | CS 7790      | Cognitive Modeling                               |                |              |       |

**Sub-Area: Interactive Technology**

| Mark<br>( X ) | Prefix & No. | Course Title                                                                                                       | Semester Taken | Credit<br>Hours | Grade |
|---------------|--------------|--------------------------------------------------------------------------------------------------------------------|----------------|-----------------|-------|
|               | CS 6440      | Introduction to Health Informatics                                                                                 |                |                 |       |
|               | CS 6763      | Design of Design Environments                                                                                      |                |                 |       |
|               | CS 6770      | Mixed Reality Experience Design                                                                                    |                |                 |       |
|               | CS 7450      | Information Visualization                                                                                          |                |                 |       |
|               | CS 7460      | Collaborative Computing                                                                                            |                |                 |       |
|               | CS 7470      | Mobile and Ubiquitous Computing (CANNOT be used to satisfy both the core requirement AND the elective requirement) |                |                 |       |

**Transfer Credit / Substitutions**

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

**Transfer Credit / Substitutions**

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

**This section to be completed by MSCS Advisor****Notes:****S-GPA:** \_\_\_\_\_**C-GPA:** \_\_\_\_\_**Advisor**

Sign \_\_\_\_\_

Date \_\_\_\_\_