

Student Name: _____ P#: _____

Date Admitted & GPA: _____ Advisor: _____

Computer Science Education K-12

Advisement Guide

Education Program:

- An overall GPA of 3.0 (or 83 from high school) is required for full admission into the Computer Science Education program.
- All Education courses (EDLS & SECD courses) must be completed with a numeric grade of **2.7** or higher, with a minimum **3.0** GPA in the Education major.
- All required Computer Science courses (CIS courses), HLTH, MATH & PSYC courses must be completed with a grade of **2.0** or higher.

<p>Semester 1</p> <p>___ 3cr.- WAYS 101: Critical Thinking Seminar ___ 4cr.- MATH 151 Calculus I (TM) ___ 4cr.- CIS 201 Computer Science I ___ 3cr.- COMP 100- Core Writing ___ 1cr.- Activity-based PE course (PE/HW)</p> <p>15 cr.</p>	<p>Semester 2</p> <p>___ 3cr.- WAYS 102: College Writing Seminar ___ 3cr.- CIS 125 Statistics ___ 3cr.- Thinking Aesthetically (TA) ___ 3cr.- WAYS 103: Talking about Diversity ___ 4cr.- CIS 202 Computer Science II</p> <p>16 cr.</p>
<p>Semester 3</p> <p>___ 4cr.- CIS 203 Computer Science III ___ 3cr.- HLTH 230 School Health (CA, SAVE, DASA) (HW) ___ 3cr.- Elective ___ 3cr.- Thinking Historically (TH) ___ 3cr.- EDLS 201 Principles of Education (TF)</p> <p>16cr.</p>	<p>Semester 4</p> <p>___ 3cr.- CIS 300 Foundations of Computer Science ___ 3cr.- EDLS 307- Literacy Education in the Arts Disciplines ___ 3cr.- PSYC 321 Psychology of Adolescence ___ 4cr.- Thinking Scientifically: Natural World (NW) ___ 3cr.- Elective</p> <p>16cr.</p>
<p>Semester 5</p> <p>___ 3cr.- CIS 380 Professional Practices (CM) ___ 3cr.- Connecting through Language Other than English (CL) ___ 3cr.- Connecting Globally (CG) ___ 3cr.- SECD 356 Reading in the Middle and Secondary Schools ___ 3cr.- CIS 303 Algorithm Analysis & Design</p> <p>15 cr.</p>	<p>Semester 6</p> <p>___ 3cr.- SECD 472 Science Curricula: Programs & Standards ___ 3cr.- EDLS 315 Teaching Students with Special Needs: Grades 5-12 ___ 3cr.- PSYC 350 Educational Psychology (*SW) ___ 3cr.- CIS 410 Computer Networks ___ 3cr.- **SECD 375 Middle/Secondary Computer Science Education Methods ___ 2cr.- **SECD 376 Middle/Secondary Computer Science Education Practicum, Gr. 7-12</p> <p>17 cr.</p>
<p>Semester 7</p> <p>___ 3cr.-Elective ___ 3cr.- WAYS 301: Connecting the Ways of Thinking ___ 3cr.- CIS 310 Operating Systems ___ 3cr.- GRED 502 Issues in Science, Technology, Society ___ 3cr.- **SECD 402 Elementary STEM Methods ___ 2cr.- **SECD 403 Elementary Computer Science Education Practicum, Gr. K-6</p> <p>17 cr.</p>	<p>Semester 8</p> <p>___ 2cr.- EDLS 421 Seminar in Middle/Junior and Secondary Education ___ 6cr.- EDUC 426 Student Teaching Internship Gr. 3-6 (*CT) ___ 6cr.- **SECD 427 Student Teaching in Middle or Secondary School, Gr. 7-12</p> <p>14cr.</p>

**new courses pending approval