

**Capital Scholars Honors Program  
Advising Guide for Computer Science Majors  
2010-2011**

<b>Capital Scholars Honors Program Requirements:</b>	<b>32 Hrs.</b>
<b>Foreign Language Requirement:</b>	<b>(0)4 to 16 Hrs.</b>
<b>Prerequisites for CSC:</b>	<b>14 Hrs.</b>
<b>General Education Requirements:</b>	<b>17 Hrs.</b>
(Math-Skills, Math-Applied, Oral Communication, Visual, Creative, or Performing Arts & Social/ Behavioral Science)	
<b>Engaged Citizenship Common Experience (ECCE) Requirements:</b>	<b>13 Hrs.</b>

**Recommended Course Schedule**

**Year 1**

Fall Semester	Hours	Spring Semester	Hours
CAP 111: Honors Composition	3	CAP 115: Interdisciplinary Writing	3
CAP 122: Who Am I?	3	CAP 123: How Do You Know?	3
CAP 102: Intro to Honors	2	Social/Behavioral Science	3
MAT 115: Calculus I (or MAT 113: Business Calculus)	4	MAT 302: Discrete Mathematics	4
CSC 225: Computer Programming Concepts I	3	CSC 275: Computer Programming Concepts II	3
CSC 305: Entrance Assessment	0		
<i>Total</i>	<i>15</i>	<i>Total</i>	<i>16</i>

Summer Semester	Hours
COM 112: Oral Communication	3
<i>Total</i>	<i>3</i>

**Year 2**

Fall Semester	Hours	Spring Semester	Hours
CAP 225: What Is Good?	3	CAP 226: What Is Power?	3
CAP 141: Environmental Biology & Chemistry 1	4	CAP 142: Environmental Biology & Chemistry 2	4
CAP 250: Global Issues	3	Visual/Creative/Performing Arts Requirement	3
CSC 385: Data Structures & Algorithms	4	MAT 121: Applied Statistics <b>OR</b> MAT 323: Probability and Statistics for Computer Science (optional, recommended only for students with GPA of 3.0+)	4
Foreign Language	4	Foreign Language	4
<i>Total</i>	<i>18</i>	<i>Total</i>	<i>18</i>

**Foreign Language: 3<sup>rd</sup> and 4<sup>th</sup> semester will be completed in the junior year.**

**CAP 402: Senior Seminar (1 credit hour) - spring semester of senior year.**

ECCE (Engaged Citizenship Common Experience) 13 Hours	CAP Courses That Count Towards ECCE
<ul style="list-style-type: none"> <li>• U.S. Communities (3 hrs)</li> <li>• Global Awareness (3 hrs)</li> <li>• Engagement Experience (3 hrs)</li> <li>• ECCE Elective (3 hrs)</li> <li>• Speakers Series (1 hr)</li> </ul>	
	CAP 250: Global Issues
	CAP 370: Peer Mentoring
	3 <sup>rd</sup> Semester of Foreign Language