

Capital Scholars Honors Program Advising Guide for Mathematical Sciences Majors

CAP students planning to major in Mathematical Sciences (MAT) will need to complete the following requirements:

Capital Scholars course work	39 Hrs.
Foreign Language requirement	(0)4 to 16 Hrs.
MAT Major	32 Hrs.
General Education Requirements (Math, Oral Comm, Speakers Series, Humanities)	13 Hrs.
Electives	<u>3 to 15 Hrs.</u>
Total	120 Hrs.

CAP Honors/MAT students planning to spend a semester abroad should normally plan to be abroad during their junior year. See your history advisor no later than the first semester of your second year to begin planning how to complete the requirements for your major in conjunction with your semester abroad.

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 121: How Do You Know?	3
CAP 141: Environmental Biology & Chemistry 1	4	CAP 142: Environmental Biology & Chemistry II	4
MAT 115: Calculus I or ASP Physics I	4	MAT 116: Calculus II	4
MAT 330: Writing Skills	0	CAP 250: Global Issues	3
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>17</i>

Year 2

Fall Semester	Hours	Spring Semester	Hours
CAP225: What Is Good?	3	CAP226: What Is Power?	3
MAT 217: Calculus III	4	CSC 325: Computer Science I	4
Foreign Language or elective	4	Foreign Language or elective	4
Visual/Performing Arts Humanities Requirement*	3	Com 112: Oral Communication	3
<i>Total</i>	<i>14</i>	<i>Total</i>	<i>14</i>

* See General Education Course List for approved courses.