

## 2020-21 Catalog | CMSC Majors

### Core Curriculum (39-40 credits) and Additional Degree Requirement (3-4 credits)

<input type="checkbox"/> <b>CTZN 110:</b> Inquiry into Citizenship (3 cr) _____	<input type="checkbox"/> <b>ENGL 165:</b> Writing and Rhetoric (3 cr) _____	<input type="checkbox"/> Pillar: Historical and Contemporary Insights (HCI: 3 cr) _____	<input type="checkbox"/> Pillar: Human Behavior and Social Institutions (HBSI: 3 cr) _____
<input type="checkbox"/> Pillar: Global Citizenship (GC: 3 – 4 cr) _____	<input type="checkbox"/> Pillar: Aesthetic Expression (AE: 3 cr) _____	<input type="checkbox"/> <b>MATH 171</b> (3 cr) Pillar: Quantitative Reasoning (QR)	<input type="checkbox"/> Pillar: Scientific Reasoning (SR: 3 cr) _____
<input type="checkbox"/> Perspectives: World Languages (3 cr) _____	<input type="checkbox"/> Perspectives: HBSI/HCI (3 cr) _____	<input type="checkbox"/> Perspectives: GC/AE (3 cr) _____	<input type="checkbox"/> Perspectives: QR/SR (3 cr) _____
<input type="checkbox"/> <b>CTZN 410:</b> Symposium for the Common Good (3 cr) _____		<input type="checkbox"/> <b>MATH 261</b> (4 cr): Calculus I or additional BA course	

### Required for All CMSC Majors (43 credits)

<input type="checkbox"/> <b>MATH 175</b> (2 cr): Discrete Math	<input type="checkbox"/> <b>CMSC 208</b> (3 cr): Grammars, Language, Automata	Second Language (3 cr): <input type="checkbox"/> <b>CMSC 210:</b> Web Programming, or <input type="checkbox"/> <b>CMSC 280:</b> Programming in 2 <sup>nd</sup> Lang.	<input type="checkbox"/> <b>ENGL 319</b> (3 cr): Technical Writing
<input type="checkbox"/> <b>CMSC 160</b> (4 cr): Algorithmic Design 1	<input type="checkbox"/> <b>CMSC 242</b> (3 cr): Network, Systems Programming	<input type="checkbox"/> CMSC 200+ elective (3 cr): <b>CMSC</b> _____	<input type="checkbox"/> <b>CMSC 442</b> (3 cr): Operating Systems
<input type="checkbox"/> <b>CMSC 162</b> (4 cr): Algorithmic Design 2	<input type="checkbox"/> <b>CMSC 262</b> (3 cr): Data Structures	<input type="checkbox"/> CMSC 300+ elective (3 cr): <b>CMSC</b> _____	<input type="checkbox"/> <b>CMSC 461</b> (3 cr): Senior Seminar
<input type="checkbox"/> <b>CMSC 201</b> (3 cr): Computer Organization	<input type="checkbox"/> <b>CMSC 283</b> (0 cr): Experiential Learning Seminar 1	<input type="checkbox"/> CMSC 300+ elective (3 cr): <b>CMSC</b> _____	<input type="checkbox"/> <b>CMSC 483</b> (0 cr): Experiential Learning Seminar 2

### General Electives (32-34 credits)