

2018-19 Catalog | CMSC Majors

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

<input type="checkbox"/> CTZN 110: Inquiry into Citizenship (3 cr) _____	<input type="checkbox"/> ENGL 165: 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"/> MATH 171 (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"/> CTZN 410: Symposium for the Common Good (3 cr) _____		<input type="checkbox"/> MATH 261 (4 cr): Calculus I or additional BA course	

Required for All CMSC Majors (43 credits)

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

General Electives (32-34 credits)