

2018-19 Catalog | MATH 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) (EDUC 245 is required for Secondary Licensure) _____
<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) (MATH 304 or 320 is required for Secondary Licensure) _____
<input type="checkbox"/> CTZN 410: Symposium for the Common Good (3 cr) _____	<input type="checkbox"/> CMSC 140 (3 cr): Intro Programming or CMSC 160 (4 cr): Algorithmic Design I _____		

Required for All MATH Majors (41-44 credits), in addition to MATH 171 above:

<input type="checkbox"/> MATH 175 (2 cr): Discrete Math	<input type="checkbox"/> MATH 280 (3 cr): Linear Algebra	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____	MATH 300+ elective (3 cr): <input type="checkbox"/> MATH _____ (MATH 335 required for Secondary Licensure)	<input type="checkbox"/> MATH 372 (3 cr): Math Prob/Stats
<input type="checkbox"/> MATH 261 (4 cr): Calculus 1	<input type="checkbox"/> MATH 300 (3 cr): Proofs	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____	<input type="checkbox"/> MATH 342 (3 cr): Modern Algebra	<input type="checkbox"/> MATH 461 (2 cr): Senior Seminar
<input type="checkbox"/> MATH 262 (4 cr): Calculus 2	<input type="checkbox"/> MATH 361 (4 cr): Calculus 3	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____	<input type="checkbox"/> MATH 462 (3 cr): Advanced Calculus	<input type="checkbox"/> MATH 490, 492, 498, or 482 , or MAED 490 (1 cr)

General Electives (32-37 credits). If Seeking Secondary Licensure, in Addition to Courses in Green above, Electives *must* include:

<input type="checkbox"/> EDUC 260 (2 cr): Intro to Teaching	<input type="checkbox"/> EDUC 432 (3 cr): Content Literacy	<input type="checkbox"/> EDUC 487 (3 cr): Classroom Management	<input type="checkbox"/> MAED 152 (1 cr): Principles of Sec. Ed. in Math	<input type="checkbox"/> MAED 252 (2 cr): Practicum I
<input type="checkbox"/> MATH 451 (2 cr): Teaching High School Math	<input type="checkbox"/> MAED 352 (2 cr): Practicum II	<input type="checkbox"/> MATH 482 (12 cr): Directed Teaching		