

Mathematics Emphasis

Associate of Science

Total credits: 95.0

■ Major Course ■ General Education Course ■ Elective Course ■ Milestone



Term 1 Summer 14.0 credits

MTH 111Z — Precalculus I: Functions — 4.0 credits — Elective Course

MTH 111Q — Corequisite for MTH 111Z — 1.0 credits — Elective Course

WR 121Z — Composition I — 4.0 credits — General Education Course

WR 121Q — Corequisite for WR 121Z — 1.0 credits — Elective Course

BI 101 — General Biology: Ecology and Biodiversity — 4.0 credits — General Education Course
or other *Scientific Inquiry and Analysis* course from the catalog

Term 2 Fall 15.0 credits

MTH 112Z — Precalculus II: Trigonometry — 4.0 credits — Elective Course

MTH 231 — Elements of Discrete Math — 4.0 credits — Major Course

ANTH 101 — Introduction to Anthropology — 3.0 credits — General Education Course
or other *Social Science* course from the catalog

G 203 — Historical Geology — 4.0 credits — Elective Course
or other *Elective* course from the catalog

Term 3 Winter 13.0 credits

MTH 251Z — Differential Calculus — 4.0 credits — General Education Course

MTH 131 — Intro to LaTeX — 1.0 credits — Major Course

WR 227Z — Technical Writing — 4.0 credits — General Education Course

COMM 111Z — Public Speaking — 4.0 credits — General Education Course
or **COMM 114** *Argument and Critical Discourse* or **COMM 218Z** *Interpersonal Communication*

Milestone: Meet with your academic advisor

Milestone: Apply to transfer college(s)

Term 4 Spring 14.0 credits

MTH 252Z — Integral Calculus — 4.0 credits — Major Course

ENG 145 — Introduction to Film Studies, 1968-1999 — 3.0 credits — General Education Course
or other *Arts and Humanities - General* course from the catalog

MUS 161 — Music Appreciation — 4.0 credits — Elective Course
or other *Elective* course from the catalog

ANTH 110 — Introduction to Cultural Anthropology — 3.0 credits — General Education Course
or other *Arts and Humanities - Global* course from the catalog

Milestone: Meet with your academic advisor

Term 5 Fall 15.0 credits

MTH 254 — Multivariable Calculus — 4.0 credits — Major Course

PH 211 — General Physics with Calculus — 5.0 credits — General Education Course

MTH 264 — Introduction to Matrix Algebra — 2.0 credits — Major Course

MTH 264B — Introduction to Matrix Computations — 1.0 credits — Major Course

CH 150Z — Preparatory Chemistry — 3.0 credits — Elective Course
or other *Elective* course from the catalog

Milestone: Meet with your academic advisor

Term 6 Winter 16.0 credits

PH 212 — General Physics with Calculus — 5.0 credits — Elective Course

MTH 255 — Vector Calculus — 4.0 credits — Major Course

STAT 243Z — Elementary Statistics I — 4.0 credits — Major Course
or **STAT 265** *Introduction to Statistics for Engineers*

EC 220 — Contemporary U.S. Economic Issues: Discrimination — 3.0 credits — General Education Course
or other *Difference, Power, and Oppression Foundations* course from the catalog

Milestone: Apply for graduation

Term 7 Spring 8.0 credits

MTH 253Z — Calculus: Sequences and Series — 4.0 credits — Major Course

MTH 256 — Applied Differential Calculus — 4.0 credits — Major Course

This program map represents one possible pathway through the program and is for reference only. Make an appointment with the [First Resort](#) (prospective students) or [Advising](#) (current students) to receive personalized guidance.