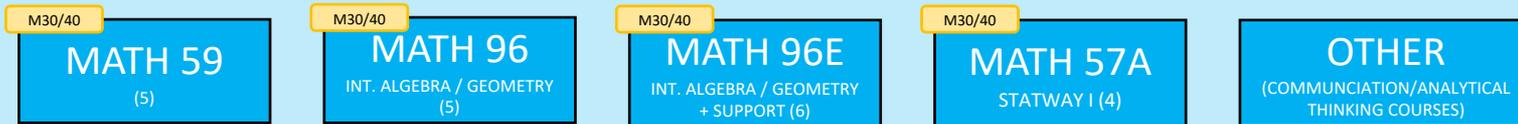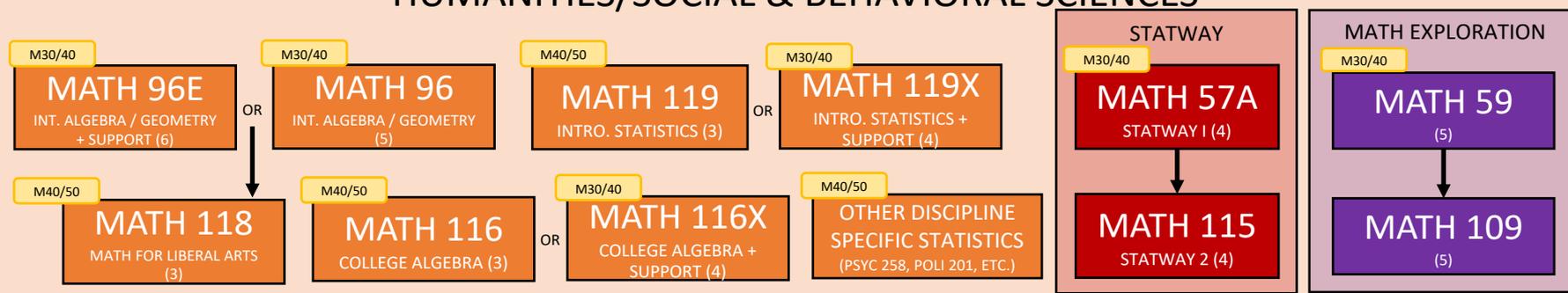# MATH PATHWAYS – BY DISCIPLINE (1 of 2)

Pathways may vary based upon intended major and transfer institution. For further guidance, please see a counselor.
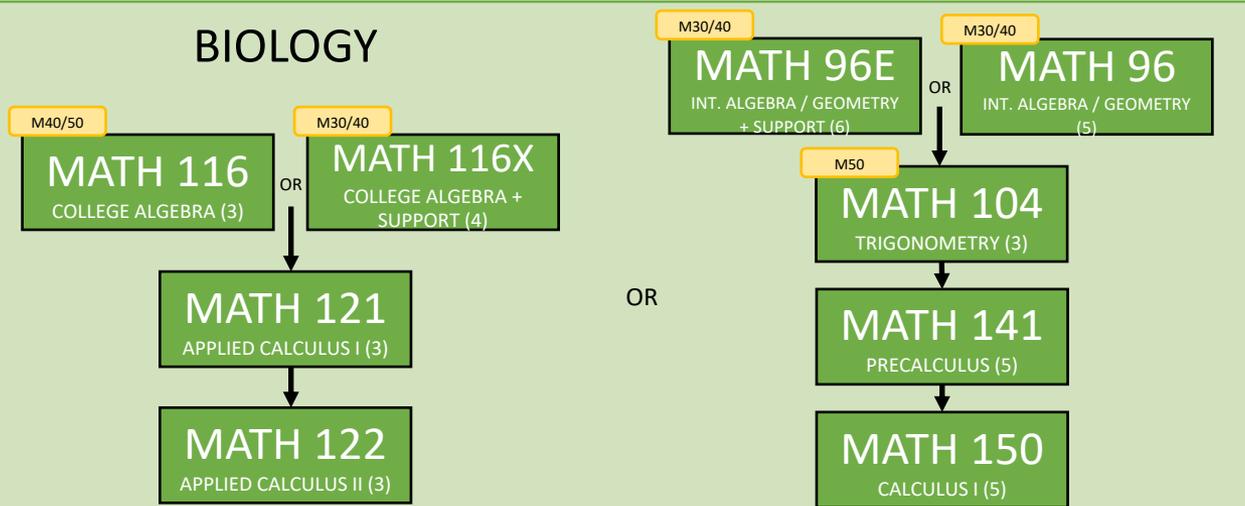
GENERAL ASSOCIATES DEGREE

M30/40 MATH 59 (5)

M30/40 MATH 96 — INT. ALGEBRA / GEOMETRY (5)

M30/40 MATH 96E — INT. ALGEBRA / GEOMETRY + SUPPORT (6)

M30/40 MATH 57A — STATWAY I (4)

OTHER (COMMUNCIATION/ANALYTICAL THINKING COURSES)

HUMANITIES/SOCIAL & BEHAVIORAL SCIENCES

M30/40 MATH 96E — INT. ALGEBRA / GEOMETRY + SUPPORT (6)

OR

M30/40 MATH 96 — INT. ALGEBRA / GEOMETRY (5)

M40/50 MATH 119 — INTRO. STATISTICS (3)

OR

M30/40 MATH 119X — INTRO. STATISTICS + SUPPORT (4)

M40/50 MATH 118 — MATH FOR LIBERAL ARTS (3)

M40/50 MATH 116 — COLLEGE ALGEBRA (3)

OR

M30/40 MATH 116X — COLLEGE ALGEBRA + SUPPORT (4)

M40/50 OTHER DISCIPLINE SPECIFIC STATISTICS (PSYC 258, POLI 201, ETC.)

STATWAY

M30/40 MATH 57A — STATWAY I (4)

↓

MATH 115 — STATWAY 2 (4)

MATH EXPLORATION

M30/40 MATH 59 (5)

↓

MATH 109 (5)

BIOLOGY

M40/50 MATH 116 — COLLEGE ALGEBRA (3)

OR

M30/40 MATH 116X — COLLEGE ALGEBRA + SUPPORT (4)

↓

MATH 121 — APPLIED CALCULUS I (3)

↓

MATH 122 — APPLIED CALCULUS II (3)

OR

M30/40 MATH 96E — INT. ALGEBRA / GEOMETRY + SUPPORT (6)

OR

M30/40 MATH 96 — INT. ALGEBRA / GEOMETRY (5)

↓

M50 MATH 104 — TRIGONOMETRY (3)

↓

MATH 141 — PRECALCULUS (5)
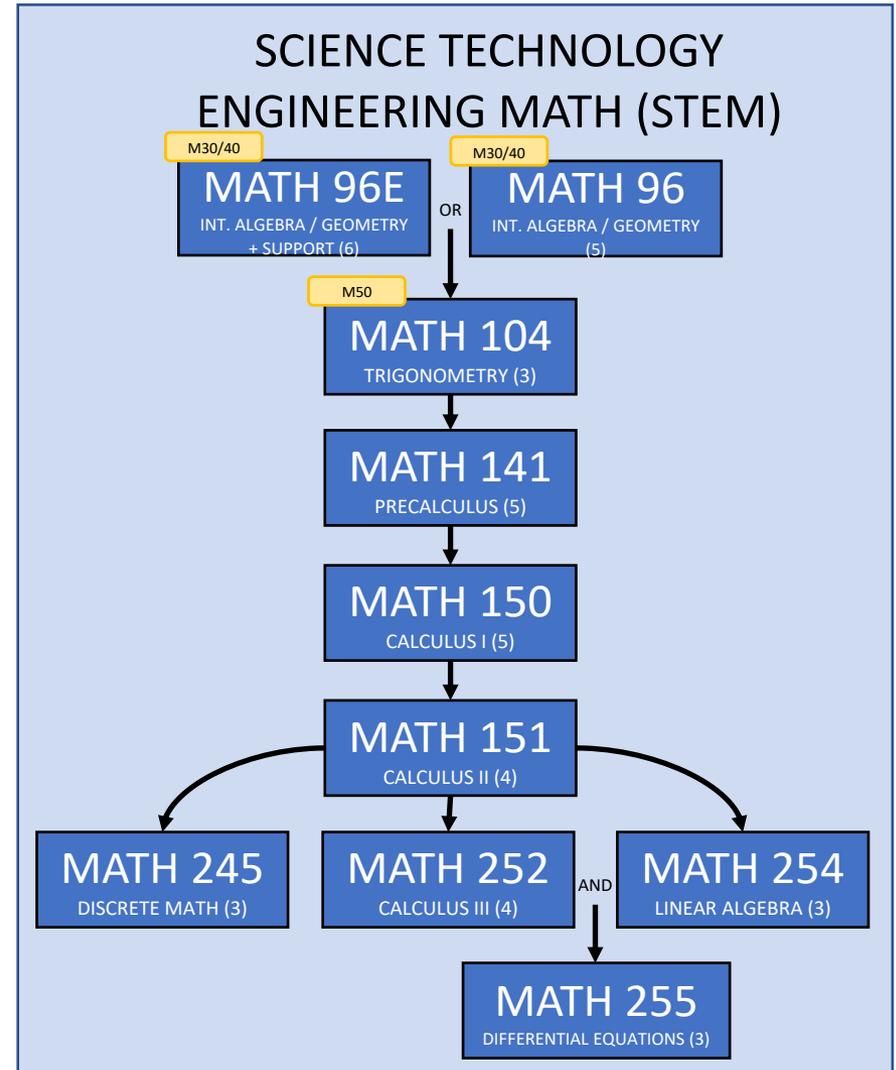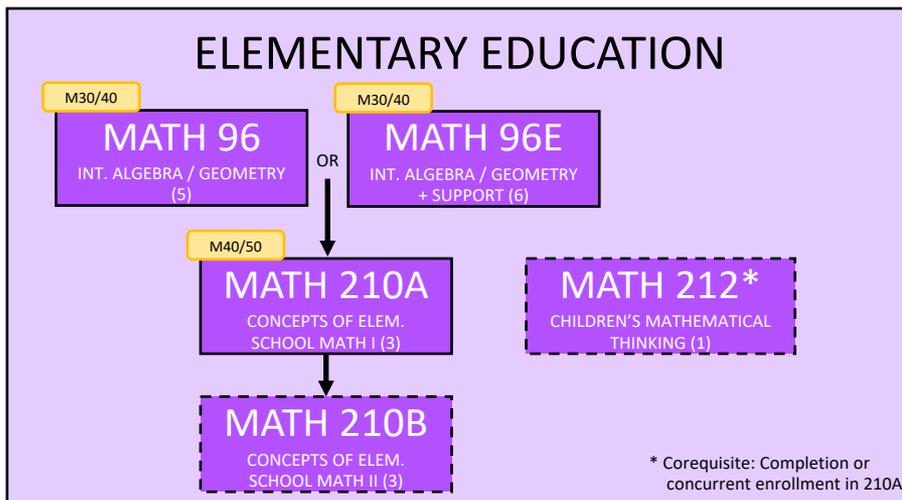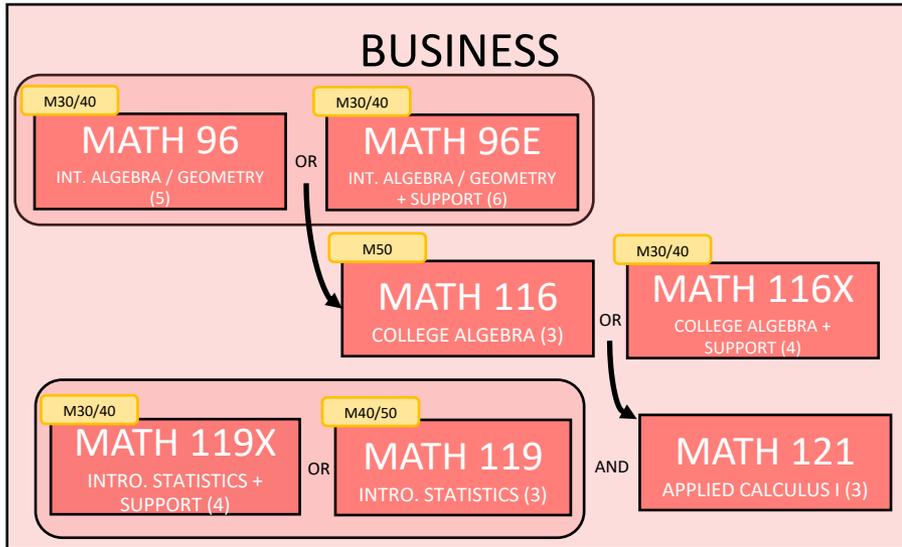
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MATH 150 — CALCULUS I (5)

NOTES

- Strongly recommended that undecided students see a counselor prior to selecting a math course
- M30: Require students to enroll in Math course with an "X" or "E", or MATH 96.
- M40: Advise students to enroll in Math course with an "X" (concurrent support lab)
- M50: Advise students to enroll in transfer level Math
- Course levels of 100 and above correspond to transfer level courses.
- MATH96E: 5 lecture unit + 1 lab unit = 8 contact hours per week.
- MATH57A/115/116X/119X: 3 lecture unit + 1 lab unit = 6 contact hours per week.
- MATH59/109: 4 lecture unit + 1 lab unit = 7 contact hours per week.
- MATH15's: 1 lab unit = 3 contact hours per week.

Last updated: 5/3/19

MATH PATHWAYS – BY DISCIPLINE (2 of 2)

Pathways may vary based upon intended major and transfer institution. For further guidance, please see a counselor.

BUSINESS

M30/40
MATH 96
INT. ALGEBRA / GEOMETRY (5)

OR

M30/40
MATH 96E
INT. ALGEBRA / GEOMETRY + SUPPORT (6)

M50
MATH 116
COLLEGE ALGEBRA (3)

OR

M30/40
MATH 116X
COLLEGE ALGEBRA + SUPPORT (4)

M30/40
MATH 119X
INTRO. STATISTICS + SUPPORT (4)

OR

M40/50
MATH 119
INTRO. STATISTICS (3)

AND

MATH 121
APPLIED CALCULUS I (3)

ELEMENTARY EDUCATION

M30/40
MATH 96
INT. ALGEBRA / GEOMETRY (5)

OR

M30/40
MATH 96E
INT. ALGEBRA / GEOMETRY + SUPPORT (6)

M40/50
MATH 210A
CONCEPTS OF ELEM. SCHOOL MATH I (3)

MATH 212*
CHILDREN'S MATHEMATICAL THINKING (1)

MATH 210B
CONCEPTS OF ELEM. SCHOOL MATH II (3)

* Corequisite: Completion or concurrent enrollment in 210A

SCIENCE TECHNOLOGY ENGINEERING MATH (STEM)

M30/40
MATH 96E
INT. ALGEBRA / GEOMETRY + SUPPORT (6)

OR

M30/40
MATH 96
INT. ALGEBRA / GEOMETRY (5)

M50
MATH 104
TRIGONOMETRY (3)

MATH 141
PRECALCULUS (5)

MATH 150
CALCULUS I (5)

MATH 151
CALCULUS II (4)

MATH 245
DISCRETE MATH (3)

MATH 252
CALCULUS III (4)

AND

MATH 254
LINEAR ALGEBRA (3)

MATH 255
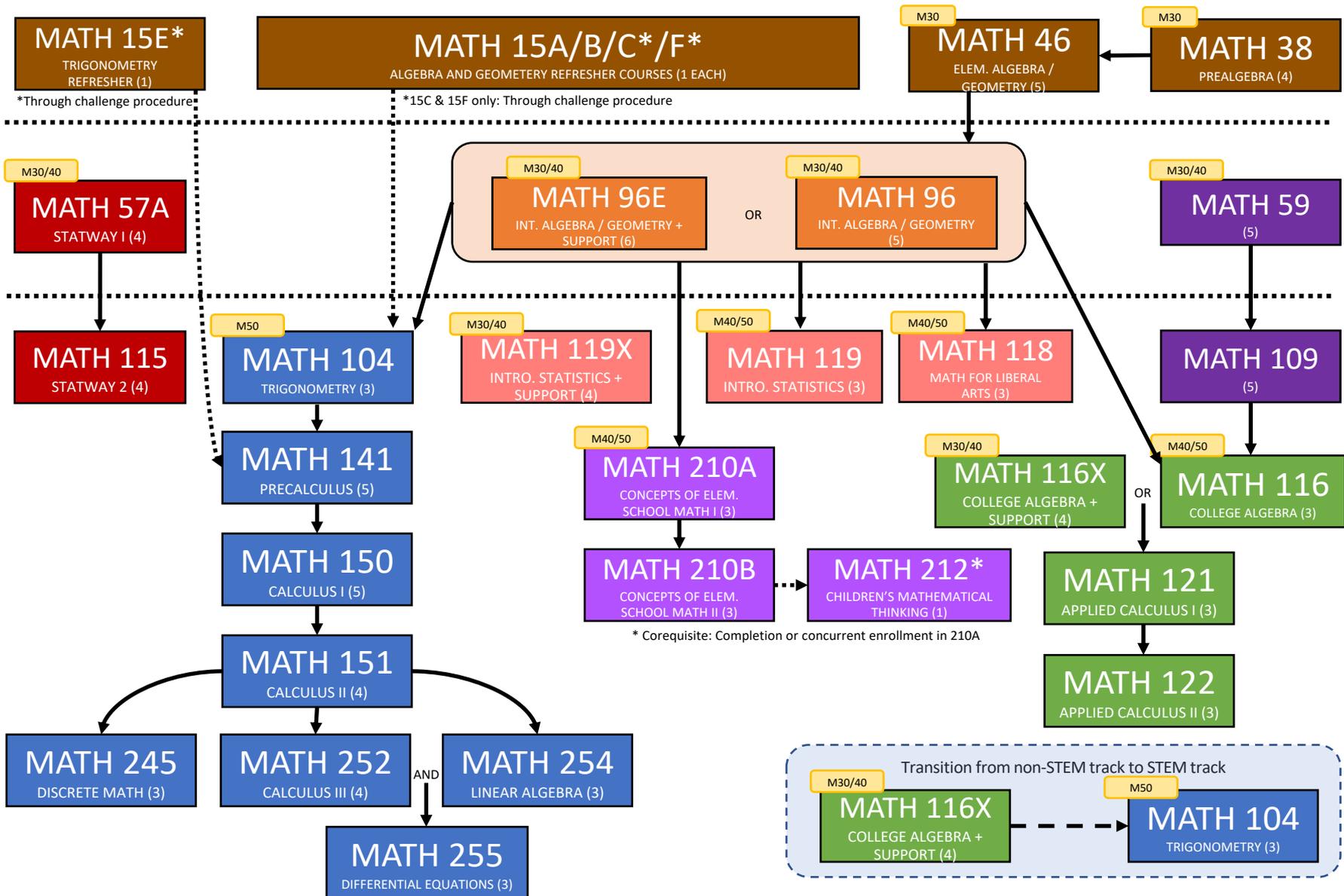DIFFERENTIAL EQUATIONS (3)

Last updated: 5/3/19

MATH PATHWAYS – COMPREHENSIVE CHART

Pathways may vary based upon intended major and transfer institution. For further guidance, please see a counselor.

BASIC SKILLS AND REFRESHER COURSES

MATH 15E*
TRIGONOMETRY REFRESHER (1)

*Through challenge procedure

MATH 15A/B/C*/F*
ALGEBRA AND GEOMETERY REFRESHER COURSES (1 EACH)

*15C & 15F only: Through challenge procedure

M30
MATH 46
ELEM. ALGEBRA / GEOMETRY (5)

M30
MATH 38
PREALGEBRA (4)

DEGREE APPLICABLE

M30/40
MATH 57A
STATWAY I (4)

M30/40
MATH 96E
INT. ALGEBRA / GEOMETRY + SUPPORT (6)

OR

M30/40
MATH 96
INT. ALGEBRA / GEOMETRY (5)

M30/40
MATH 59
(5)

TRANSFER LEVEL

MATH 115
STATWAY 2 (4)

M50
MATH 104
TRIGONOMETRY (3)

M30/40
MATH 119X
INTRO. STATISTICS + SUPPORT (4)

M40/50
MATH 119
INTRO. STATISTICS (3)

M40/50
MATH 118
MATH FOR LIBERAL ARTS (3)

MATH 109
(5)

MATH 141
PRECALCULUS (5)

M40/50
MATH 210A
CONCEPTS OF ELEM. SCHOOL MATH I (3)

M30/40
MATH 116X
COLLEGE ALGEBRA + SUPPORT (4)

M40/50
MATH 116
COLLEGE ALGEBRA (3)

MATH 150
CALCULUS I (5)

MATH 210B
CONCEPTS OF ELEM. SCHOOL MATH II (3)

MATH 212*
CHILDREN'S MATHEMATICAL THINKING (1)

OR

MATH 121
APPLIED CALCULUS I (3)

* Corequisite: Completion or concurrent enrollment in 210A

MATH 151
CALCULUS II (4)

MATH 122
APPLIED CALCULUS II (3)

MATH 245
DISCRETE MATH (3)

MATH 252
CALCULUS III (4)

AND

MATH 254
LINEAR ALGEBRA (3)

MATH 255
DIFFERENTIAL EQUATIONS (3)

Transition from non-STEM track to STEM track

M30/40
MATH 116X
COLLEGE ALGEBRA + SUPPORT (4)

M50
MATH 104
TRIGONOMETRY (3)

Last updated: 5/3/19

MATH COURSES – BY MILESTONE

Pathways may vary based upon intended major and transfer institution. For further guidance, please see a counselor.

M30

MATH 119X
INTRO. STATISTICS + SUPPORT (4)

MATH 116X
COLLEGE ALGEBRA + SUPPORT (4)

MATH 59
(5)

MATH 57A
STATWAY I (4)

MATH 96
INT. ALGEBRA / GEOMETRY (5)

MATH 96E
INT. ALGEBRA / GEOMETRY + SUPPORT (6)

MATH 46
ELEM. ALGEBRA / GEOMETRY (5)

MATH 38
PREALGEBRA (4)

M40

Milestone M40 students can also access M30 courses

MATH 119
INTRO. STATISTICS (3)

MATH 118
MATH FOR LIBERAL ARTS (3)

MATH 210A
CONCEPTS OF ELEM. SCHOOL MATH I (3)

OTHER DISCIPLINE SPECIFIC STATISTICS
(PSYC 258, POLI 201, ETC.)

M50

Milestone M50 students can also access M40 and M30 courses

MATH 104
TRIGONOMETRY (3)

MATH 116
COLLEGE ALGEBRA (3)

OTHER DISCIPLINE SPECIFIC COURSES

❖ All students have access to refresher/support courses, regardless of their Milestone number.

Last updated: 5/3/19