

## Curriculum Map – Mathematics Area: General Track

NOTE: This curriculum map assumes that you have not transferred in any previously completed college level courses. Further, it assumes that you have met all of the prerequisites for the courses listed below. The prerequisite for MATH 175: Calculus I is a Math ACT subscore of 27 or Calculus KYOTE score of 15.

All baccalaureate degree seeking students must complete a minimum of 33 hours of general education courses which includes:

|  |  |
|--|--|
| FYS 101 – First Year Seminar                   | ENG 100 – Writing I  |
| MATH 123, 131, 135, 152, 174 or 175*           | ENG 200 – Writing II   |
| COMS 108 – Fund. Of Speech Communication       | Knowledge – Natural Science (NSC; select 2)                    |
| Knowledge – Arts & Humanities (HUM)            | Global Cultures – Arts & Humanities (HUM)                      |
| Knowledge – Social & Behavioral Sciences (SBS) | Ethics & Civil Engagement – Social & Behavioral Sciences (SBS) |

The approved NSC, HUM, and SBS course list is located in the current MSU Undergraduate Catalog.

\*If applicable, specific mathematics course required for degree shown below.

| FIRST YEAR COURSE SCHEDULE |               |      |         |  |                    |                 |      |         |
|----------------------------|---------------|------|---------|--|--------------------|-----------------|------|---------|
| ☐                          | Fall Semester | Code | Credits |  | ☐                  | Spring Semester | Code | Credits |
|                            | MATH 170/170L | R    | 4       |  |                    | Level 2 NSC 1   | G    | 3       |
|                            | ENG 100       | G    | 3       |  |                    | ENG 200         | G    | 3       |
|                            | MATH 175      | G/R  | 4       |  |                    | MATH 275        | R    | 4       |
|                            | FYS 101       | G    | 3       |  |                    | Level 2 HUM     | G    | 3       |
|                            | COMS 108      | G    | 3       |  |                    | Level 2 SBS     | G    | 3       |
| Total Credit Hours         |               |      | 17      |  | Total Credit Hours |                 |      | 16      |

| SECOND YEAR COURSE SCHEDULE |                                 |      |         |  |                    |                                     |      |         |
|-----------------------------|---------------------------------|------|---------|--|--------------------|-------------------------------------|------|---------|
| ☐                           | Fall Semester                   | Code | Credits |  | ☐                  | Spring Semester                     | Code | Credits |
|                             | MATH 276                        | R    | 4       |  |                    | MATH 315                            | R/U  | 3       |
|                             | MATH 195                        | R    | 1       |  |                    | MATH 301                            | R/U  | 3       |
|                             | MATH 300                        | R/U  | 3       |  |                    | Level 3 Ethics and Civic Engagement | G    | 3       |
|                             | Level 3 Cultures and Humanities | G    | 3       |  |                    | MATH 295                            | R    | 1       |
|                             | Level 2 NSC 2                   | G    | 3       |  |                    | PHYS 231/231L                       | R    | 5       |
| Total Credit Hours          |                                 |      | 14      |  | Total Credit Hours |                                     |      | 15      |

| THIRD YEAR COURSE SCHEDULE |               |      |         |  |                    |                 |      |         |
|----------------------------|---------------|------|---------|--|--------------------|-----------------|------|---------|
| ☐                          | Fall Semester | Code | Credits |  | ☐                  | Spring Semester | Code | Credits |
|                            | MATH 308      | R/U  | 3       |  |                    | MATH 350        | R/U  | 3       |
|                            | MATH 363      | R/U  | 3       |  |                    | MATH 410        | R/U  | 3       |
|                            | MATH 365      | R/U  | 3       |  |                    | Electives       | E    | 9       |
|                            | PHYS 232/232L | R    | 5       |  |                    |                 |      |         |
|                            | Elective      | E    | 3       |  |                    |                 |      |         |
| Total Credit Hours         |               |      | 17      |  | Total Credit Hours |                 |      | 15      |

| FOURTH YEAR COURSE SCHEDULE |                      |      |         |  |                    |                 |      |         |
|-----------------------------|----------------------|------|---------|--|--------------------|-----------------|------|---------|
| ☐                           | Fall Semester        | Code | Credits |  | ☐                  | Spring Semester | Code | Credits |
|                             | MATH 404 or MATH 486 | R/U  | 3       |  |                    | MATH 499D       | R/U  | 1       |
|                             | MATH 312             | R/U  | 3       |  |                    | Electives       | E/U  | 11      |
|                             | MATH 355 or MATH 481 | R/U  | 3       |  |                    |                 |      |         |
|                             | MATH 499C            | R/U  | 2       |  |                    |                 |      |         |
|                             | Elective             | E    | 3       |  |                    |                 |      |         |
| Total Credit Hours          |                      |      | 14      |  | Total Credit Hours |                 |      | 12      |

(E) Elective,  
(P) Pre-requisite

(G) General Education Course  
(R) Required Course

(S) Supplemental  
(U) Upper Division Course 300-400 level (you must have 42 hours)