



| Degree Requirements              | Details  |
|----------------------------------|--|
| <b>Total Credit Hours</b>        | 120/121 credit hours   |
| <b>Grade Point Average (GPA)</b> | 2.0 GPA  |
| <b>Residency Rule</b>            | Complete a minimum of 25% of the total credit hours requirement of the degree program at MVSU. |
| <b>"D" Policy</b>                | Students are allowed one (1) "D" in major courses.   |
| <b>Academic Advisor</b>          |  |
| <b>Student Name</b>              |  |
| <b>Studnet ID#</b>               |  |

| General Core Curriculum   | Course Number              | Credit Hours | Semester Offered | General Core Curriculum  | Course Number              | Credit Hours | Semester Offered |
|---|----------------------------|--------------|------------------|--|----------------------------|--------------|------------------|
| English Composition   | EN 101<br>EN 102           | 6            | FA & SP          | Social and Behavioral Sciences: Economics, Geography, Political Science, Psychology, Public Administration and Sociology |                            | 6            | FA & SP          |
| Humanities:<br>History and English Literature - <i>Students must take (6hrs EN 3hrs HI or 6hrs HI &amp; 3hrs EN</i> |                            | 9            | FA & SP          | Speech   | SP 201                     | 3            | FA & SP          |
| Fine Arts   | AR 101 or MU 107 or TH 201 | 3            | FA & SP          | Health, Physical Education or ROTC   | HL 101 or PE 102 or MS 101 | 2/3          | FA & SP          |
| Orientation   | FY 101                     | 1            | FA & SP          | College Algebra or Higher Level Mathematics  |                            | 3            | FA & SP          |
| Natural Sciences  |                            | 6/8          | FA & SP          |  |                            |              |                  |

**Subtotal 39/40**

| Semester 1   | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed | Pre/Co-requisites                      |
|--|--------------------|--------------|------------------|---------------------|--------------|--------------|--|
| English Composition -Freshman Composition                | EN 101             | 3            | FA & SP          |                     |              |              | EN 100B or English Score of 17         |
| Fine Arts  | See above          | 3            | FA & SP          |                     |              |              |  |
| Humanities I   | See above          | 3            | FA & SP          |                     |              |              |  |
| College Algebra or Higher Level Mathematics - Calculus I | MA 299             | 3            | FA               |                     |              |              | MA 111, MA 150, or Math Score of 22    |
| Survey of Computer Science                               | CS 112             | 3            | FA               |                     |              |              | Must be a CS, MA or MA Education Major |
| Orientation  | MA 191             | 1            | FA               |                     |              | FY 101       |  |
|  | <b>Total Hours</b> | <b>16</b>    |                  |                     |              |              |  |

| Semester 2                                | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed | Pre/Co-requisites                  |
|---|--------------------|--------------|------------------|---------------------|--------------|--------------|------------------------------------|
| English Composition -Freshman Composition | EN 102             | 3            | FA & SP          |                     |              |              | EN 101                             |
| Health, Physical Education or ROTC        | See above          | 2/3          | FA & SP          |                     |              |              |                                    |
| Social & Behavioral Sciences I            | See above          | 3            | FA & SP          |                     |              |              |                                    |
| Calculus II                               | MA 300             | 3            | SP               |                     |              |              | MA 299                             |
| Computer Programming I                    | CS 203             | 3            | SP               |                     |              |              | CS 112                             |
| Math Seminar                              | MA 192             | 1            | SP               |                     |              |              | Must be a MA or MA Education Major |
|   | <b>Total Hours</b> | <b>15/16</b> |                  |                     |              |              |                                    |

| Semester 3                                 | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed               | Pre/Co-requisites |
|--|--------------------|--------------|------------------|---------------------|--------------|----------------------------|-------------------|
| Algebraic Language Programming             | MA 251*            | 3            | FA*              |                     |              |                            | CS 112            |
| Natural Sciences I - General Biology I     | BI 111             | 3            | FA & SP          |                     |              | CH111<br>CH112             | BI 111L           |
| Natural Sciences I - General Biology I Lab | BI 111L            | 1            | FA & SP          |                     |              | BI112L<br>CH111L<br>CH112L | BI 111            |
| Social & Behavioral Sciences II            | See above          | 3            | FA & SP          |                     |              |                            |                   |
| Calculus III                               | MA 301             | 3            | FA               |                     |              |                            | MA 300            |
| Humanities II                              |                    | 3            | FA & SP          |                     |              |                            |                   |
|  | <b>Total Hours</b> | <b>16</b>    |                  |                     |              |                            |                   |

\* Offered Every Odd Year Fall Semester

| Semester 4                                   | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed     | Pre/Co-requisites  |
|--|--------------------|--------------|------------------|---------------------|--------------|------------------|--------------------|
| Humanities III                               | See above          | 3            | FA & SP          |                     |              |                  |                    |
| Elective                                     |                    | 3            | FA & SP          |                     |              |                  |                    |
| Natural Sciences II - General Biology II     | BI 112             | 3            | FA & SP          |                     |              | CH111<br>CH112   | CH 111L<br>CH 112L |
| Natural Sciences II - General Biology II Lab | BI 112L            | 1            | FA & SP          |                     |              | CH111L<br>CH112L | CH 111<br>CH112    |
| Speech - Fundamentals of Public Speaking     | SP 201             | 3            | FA & SP          |                     |              |                  |                    |
| Calculus IV                                  | MA 303             | 3            | SP               |                     |              |                  | MA 301             |
|  | <b>Total Hours</b> | <b>16</b>    |                  |                     |              |                  |                    |

| Semester 5            | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed | Pre/Co-requisites |
|-----------------------|--------------------|--------------|------------------|---------------------|--------------|--------------|-------------------|
| Modern Geometry       | MA 311             | 3            | FA               |                     |              |              | MA 300            |
| Discrete Mathematics  | MA 341             | 3            | FA               |                     |              | CS 341       | MA 300            |
| Financial Accounting  | AC 221             | 3            | FA               |                     |              | BA 321       |                   |
| General Physics I     | PH 211             | 4            | FA               |                     |              |              | MA 111 & MA 112   |
| General Physics I Lab | PH 211L            | 0            | FA               |                     |              |              | PH 211            |
| Analysis I            | MA 317             | 3            | FA               |                     |              |              | MA 301            |
|                       | <b>Total Hours</b> | <b>16</b>    |                  |                     |              |              |                   |

| Semester 6               | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed | Pre/Co-requisites |
|--------------------------|--------------------|--------------|------------------|---------------------|--------------|--------------|-------------------|
| Analysis II              | MA 318             | 3            | SP               |                     |              |              | MA 317            |
| General Physics II       | PH 212             | 4            | SP               |                     |              |              | PH 211 & PH 212L  |
| General Physics II Lab   | PH 212L            | 0            | SP               |                     |              |              | PH 212            |
| Elective                 |                    | 3            | SP               |                     |              |              |                   |
| Linear Algebra           | MA 331             | 3            | SP               |                     |              |              | MA 300            |
| Probability & Statistics | MA 325             | 3            | SP               |                     |              |              | MA 300            |
|                          | <b>Total Hours</b> | <b>16</b>    |                  |                     |              |              |                   |

| Semester 7         | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed | Pre/Co-requisites                         |
|--------------------|--------------------|--------------|------------------|---------------------|--------------|--------------|---|
| Abstract Algebra I | MA 401             | 3            | FA               |                     |              |              | MA 300                                    |
| Elective           |                    | 3            | FA               |                     |              |              |   |
| Elective           |                    | 3            | FA               |                     |              |              |   |
| Senior Project     | MA 451             | 3            | FA               |                     |              | MA 475       | Must be a Senior and an MA or MA Ed Major |
|                    | <b>Total Hours</b> | <b>12</b>    |                  |                     |              |              |   |

| Semester 8                         | Course Number      | Credit Hours | Semester Offered | Semester Year/Taken | Grade Earned | Also Allowed      | Pre/Co-requisites                  |
|------------------------------------|--------------------|--------------|------------------|---------------------|--------------|-------------------|------------------------------------|
| Ordinary & Partial Diff. Equations | MA 421             | 3            | SP               |                     |              |                   | MA 300                             |
| Abstract Algebra II                | MA 402             | 3            | SP               |                     |              |                   | MA 401                             |
| Math Elective                      | See below          | 3            | SP               |                     |              | CS or MA Elective | Must be course number 300 or above |
| Math Elective                      | See below          | 3            | SP               |                     |              | CS or MA Elective | Must be course number 300 or above |
| Math Seminar                       | MA 492             | 1            | SP               |                     |              | MA 491            | Must be a Senior and an MA Major   |
|                                    | <b>Total Hours</b> | <b>13</b>    |                  |                     |              |                   |                                    |

Fall MA Electives: MA 302 and MA 333  
Spring MA Electives: MA 302 and MA 305

| Substitutions          |  |                           |  |       |  |          |  |
|------------------------|--|---------------------------|--|-------|--|----------|--|
| Required Course Number |  | Substituted Course Number |  | Grade |  | Semester |  |
| Required Course Number |  | Substituted Course Number |  | Grade |  | Semester |  |
| Required Course Number |  | Substituted Course Number |  | Grade |  | Semester |  |
| Required Course Number |  | Substituted Course Number |  | Grade |  | Semester |  |
| Required Course Number |  | Substituted Course Number |  | Grade |  | Semester |  |
| Required Course Number |  | Substituted Course Number |  | Grade |  | Semester |  |

**Other Courses**

| Course Number | Semester | Grade | Course Number | Semester | Grade | Course Number | Semester | Grade |
|---------------|----------|-------|---------------|----------|-------|---------------|----------|-------|
|               |          |       |               |          |       |               |          |       |
|               |          |       |               |          |       |               |          |       |