

**Academic Pathways Map**  
**Geology Transfer to MSU Part Time**  
A.S. Jumpstart  
Engineering and Math

**Start Here**

| SEMESTER 1           |                                  | CREDITS  | MILESTONE | ✓ |
|----------------------|----------------------------------|----------|-----------|---|
| M171                 | Calculus I                       | 4        |           |   |
| GEO101               | Introduction to Physical Geology | 4        | *         |   |
| <b>TOTAL CREDITS</b> |                                  | <b>8</b> |           |   |

| SEMESTER 2           |                     | CREDITS  | MILESTONE | ✓ |
|----------------------|---------------------|----------|-----------|---|
| CHMY141              | College Chemistry I | 4        |           |   |
| WRIT101              | College Writing I   | 3        |           |   |
| <b>TOTAL CREDITS</b> |                     | <b>7</b> |           |   |

| SEMESTER 3           |                            | CREDITS  | MILESTONE | ✓ |
|----------------------|----------------------------|----------|-----------|---|
| PSYX100              | Introduction to Psychology | 3        |           |   |
| SPNS101              | Elementary Spanish         | 4        |           |   |
| <b>TOTAL CREDITS</b> |                            | <b>7</b> |           |   |

| SEMESTER 4           |                         | CREDITS  | MILESTONE | ✓ |
|----------------------|-------------------------|----------|-----------|---|
| CHMY143              | College Chemistry II    | 4        | *         |   |
| Choose 1 of 3        | ARTZ105, LIT110, PHL110 | 3        |           |   |
| <b>TOTAL CREDITS</b> |                         | <b>7</b> |           |   |

| SEMESTER 5           |                                    | CREDITS  | MILESTONE | ✓ |
|----------------------|------------------------------------|----------|-----------|---|
| BIOB170              | Principles of Biological Diversity | 4        |           |   |
| M172                 | Calculus II                        | 4        |           |   |
| <b>TOTAL CREDITS</b> |                                    | <b>8</b> |           |   |

| SEMESTER 6           |                            | CREDITS  | MILESTONE | ✓ |
|----------------------|----------------------------|----------|-----------|---|
| STAT216              | Introduction to Statistics | 3        |           |   |
| <b>TOTAL CREDITS</b> |                            | <b>3</b> |           |   |

| SEMESTER 7           |                   | CREDITS      | MILESTONE | ✓ |
|----------------------|-------------------|--------------|-----------|---|
| PHSX205              | College Physics I | 4            |           |   |
| Choose 1 of 2        | BIOB160, ENSC105  | 3-4          |           |   |
| <b>TOTAL CREDITS</b> |                   | <b>7 - 8</b> |           |   |

| SEMESTER 8 |  | CREDITS | MILESTONE | ✓ |
|------------|--|---------|-----------|---|
|------------|--|---------|-----------|---|

|               |                           |   |  |  |
|---------------|---------------------------|---|--|--|
| Choose 1 of 3 | HSTA101, PSCI210, SOCI101 | 3 |  |  |
| PHSX207       | College Physics II        | 4 |  |  |

TOTAL CREDITS 7

| SEMESTER 9 |   | CREDITS | MILESTONE | ✓ |
|------------|---|---------|-----------|---|
| COMX111    | Introduction to Public Speaking         | 3       |           |   |
| NASX105    | Introduction to Native American Studies | 3       |           |   |

TOTAL CREDITS 6

**You are finished!**

Pathway Advising Notes: none

Course Advising Notes: none