# BACHELOR’S DEGREE PROGRAM INFORMATION

|  |  |
| --- | --- |
| Institution |  |
| Degree/Program |  |
| Credits Required |  |

Michigan Transfer Agreement (MTA)  
The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions’ course designations and consider whether any recommended MiTransfer Pathways major-specific courses will “double count” to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at [www.mitransfer.org](http://www.mitransfer.org).

The MTA Mathematics distribution area allows students to complete one of three math pathways.  The Mechanical Engineering MiTransfer Pathways faculty recommended that students complete a course in the Calculus pathway.

# MiTransfer Pathways Courses

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

|  |  |  |  |
| --- | --- | --- | --- |
| **Pathway Course** | **Subject/ Course Number** | **Course Title** | **Credit Hrs** |
| Calculus I |  |  |  |
| Calculus II |  |  |  |
| Calculus III |  |  |  |
| Differential Equations\* |  |  |  |
| Physics I (Calculus-based, w/lab) |  |  |  |
| Physics II (Calculus-based, w/lab) |  |  |  |
| Chemistry 1 (w/lab) |  |  |  |
| Statics |  |  |  |
| Dynamics |  |  |  |
| Mechanics of Solids/Strength of Materials (no lab required) |  |  |  |
| Computer Programming |  |  |  |
| Intro CAD/Graphics |  |  |  |
| *\*Minimum 4 credits, linear algebra must be covered* | | | |
| TOTAL CREDITS | | |  |

# Remaining Degree Requirements

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Specifically, universities should include courses like Introduction to Engineering, and additional Linear Algebra courses as applicable.

|  |  |  |  |
| --- | --- | --- | --- |
| **General Education or Program Requirement** | **Subject/ Course Number** | **Course Title** | **Credit Hrs** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| TOTAL CREDITS | | |  |