

## Transfer Planning Guide

### College of Arts, Sciences, and Letters

### Bachelor of Arts in Actuarial Math, Applied Statistics, or Mathematics

This guide is a tool for students to determine how their transferable credits may apply toward degree requirements. The information on this document is unofficial. An official credit evaluation will be provided upon admission.

Name \_\_\_\_\_

Transfer School \_\_\_\_\_

Total Degree Credits 120	Potential Applicable Credits	Completed Applicable Credits
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## DEARBORN DISCOVERY CORE

The Dearborn Discovery Core (DDC) is the university's general education program. The Michigan Transfer Agreement (MTA) is a state-wide program designed to facilitate the transfer of general education requirements from a community college to a university degree. Students can choose to apply transfer credits on an individual basis or use the MTA to fulfill DDC requirements.

DDC Requirements (25-34 credits)	Fulfilled with	MTA Requirement
Written & Oral Communication		English Composition /Communications
Written & Oral Communication		English Composition /Communications
Social & Behavioral Analysis		Social Science
Social & Behavioral Analysis		Social Science
Social & Behavioral Analysis		N/A
Humanities & the Arts	Satisfied by Degree Requirements: all majors	Humanities & Fine Arts
Humanities & the Arts		Humanities & Fine Arts
Quantitative Thinking/Problem Solving	Satisfied by Degree Requirements: all majors	Mathematics
Natural Sciences		Natural Science lecture with a lab
Natural Sciences		Natural Science lecture
Upper-Level Writing Intensive		N/A
Critical and Creative Thinking	Satisfied by Degree Requirements: all majors	N/A
Intersections		N/A
Intersections		N/A
Capstone Experience	Satisfied by Degree Requirements: all majors	N/A

Students should check with their community college to determine which courses can be used to fulfill the MTA categories and learn the details for obtaining an MTA endorsement on their transcript. **Students transferring to UM-Dearborn must have the *Michigan Transfer Agreement Satisfied* designation posted on their transcript to take advantage of the MTA.**

Foreign Language Requirement (8 credits)	
UM-Dearborn Course Name and Credits	Transfer Equivalent
Choose one language sequence. 8	
ARBC 101 & 102	
FREN 101 & 102	
GER 101 & 102	
SPAN 101 & 102	
FORL 101 & 102	

Waivers to the foreign language requirement can be found [in the catalog](#).

Foundations Requirement (4 credits)	
UM-Dearborn Course Name and Credits	Transfer Equivalent
<a href="#">Foundations Course Options</a> , select one class	4

#### CHOOSE ONE OF THE FOLLOWING MAJORS

ACTUARIAL MATHEMATICS	
UM-Dearborn Course Name and Credits	Transfer Equivalent
<b>Prerequisites to the Major (20 credits)</b>	
ACC 298, Financial Accounting	3
ECON 201, Principles: Macroeconomics	3
ECON 202, Principles: Microeconomics	3
MATH 115, Calculus I	4
MATH 116, Calculus II	4
MATH 227, Introduction to Linear Algebra	3
<b>Major (40-43 credits)</b>	
MATH 325, Probability	3
MATH 335, Mathematical Interest Theory	4
MATH 425, Statistical Inference	3
STAT 305, Introduction to Data Science for All	3
STAT 325, Applied Statistics I	3
STAT 327, Statistical Computing	3
STAT 430, Applied Regression Analysis	3
STAT 431, Machine Learning and Computational Statistics	4
FIN 401, Corporate Finance	3
FIN 402, Advanced Corporate Finance	3
<a href="#">Electives</a> – select 2-4 courses	8-11

APPLIED STATISTICS	
UM-Dearborn Course Name and Credits	Transfer Equivalent
<b>Prerequisites to the Major (14 credits)</b>	
MATH 115, Calculus I	4
MATH 116, Calculus II	4
MATH 227, Introduction to Linear Algebra	3
STAT 305, Introduction to Data Science for All	3
<b>Major (32-34 credits)</b>	
MATH 325, Probability	3
MATH 425, Statistical Inference	3
STAT 325, Applied Statistics I, or STAT 301, Biostatistics I	4
STAT 327, Statistical Computing	3
STAT 430, Applied Regression Analysis	3
STAT 431, Machine Learning and Computational Statistics	4
<a href="#">Electives</a> – select two upper level STAT courses	6
<a href="#">Cognates</a> – select two courses	6-8

MATHEMATICS	
UM-Dearborn Course Name and Credits	Transfer Equivalent
<b>Prerequisites to the Major (21-23 credits)</b>	
MATH 115, Calculus I	4

MATH 116, Calculus II	4	
MATH 215, Calculus III	4	
MATH 227, Introduction to Linear Algebra	3	
MATH 228, Differential Equations with Linear Algebra	4	
Choose one of the following:		
CIS/CCM 150, Computer Science I	4	
CIS 1501, CS I for Data Scientists	4	
STAT 327, Statistical Computing	3	
ENGR 216, Computer Methods for Engineers	2	
<b>Major (33-35 credits)</b>		
MATH 300, Math Language Proof & Structure	3	
MATH 412, Introduction to Modern Algebra	4	
MATH 451, Advanced Calculus I	4	
MATH 325, Probability, STAT 325, Applied Statistics I, or STAT 327, Statistical Computing	3-4	
MATH 331, 395, 454, or 455	3	
MATH 492, Introduction to Topology, or MATH 4000, Capstone in Math	4	
<a href="#">Electives</a> – Select two courses	6	
<a href="#">Cognates</a> – Select two courses	6-7	

Upper-Level Coursework (48* credits)		

300/400 level courses required by the major apply toward the 48 credit requirement

Electives (AMAT-15, APST-15, MATH-5 credits)		

Any transferable course can be applied as an elective. All transferable courses can be found in the Course Transfer system <http://umdearborn.edu/cts/>.

Your Transfer Plan				
Semester	Semester	Semester	Semester	Semester

Notes and Information to Explore	

**College of Arts, Sciences, and Letters Admission**

- Submission of an application and transcripts from every college/university attended.
- A minimum cumulative grade point average of 2.50.

**Transfer Credit Policies**

- A minimum of 30 credits must be completed at UM-Dearborn to earn a degree.
- Courses must be completed with a minimum grade of C to transfer.

**Application Deadlines**

All materials must be received by application deadline to be considered for admission.

- Fall: August 15
- Winter: December 15
- Summer I: April 15
- Summer II: June 15

For specific questions about program requirements, contact the Office of Undergraduate Admissions Transfer Team at [transferteam@umich.edu](mailto:transferteam@umich.edu).

Find additional information at <https://umdearborn.edu/admissions/undergraduate/ready-apply/transfer-students>.

It is the responsibility of the student to be aware of changes that affect transferring. Students are encouraged to review the transfer guide requirements on an annual basis. Degree requirements are not guaranteed until a student is admitted. These guides are solely intended for planning transferable courses.