



**Transfer Guide – Liberal Arts Associate in Science (LATAS) - Mathematics concentration (Calculus Ready Option) to UNO Bachelor of Science in Mathematics**

*This degree strengthens foundation skills, provides broad understanding, and develops reasoning skills as students prepare for advanced studies in a natural sciences, mathematics, or science-dependent program. Each transfer institution publishes requirements for admission, general education, and major concentration areas. **Students should consult with the institution they plan to transfer to and their MCC Advisor for courses that best fit your intended plan of study.** For Students planning to transfer to UNO – College of Arts and Sciences the below information can also be viewed on [Transferology.com](http://Transferology.com) under UNO/UNL Pathways. For more information contact the MCC Transfer Center.*

**Total credit hours – 91.5**

**Major Course Requirements (27.0) Complete all courses (See an advisor for placement options.)**

MATH 2411 Calculus II (7.5)
MATH 2412 Calculus III (6.0)
MATH 2510 Differential Equations (4.5)
INFO 1003 Problem Solving and Programming Logic (4.5) (Prerequisite for MCC INFO 1521)
INFO 1521 Java Programming I (4.5) (Satisfies UNO CIST 1400 – Introduction to Computer Science I)
<b>Optional</b> INFO 2530 Data Structures using Java (4.5) (Satisfies UNO CSCI 1620 – Introduction to Computer Science II)

**General Education Requirements – Pre- Mathematics Concentration (64.5)**

General Education Courses at MCC		Recommendations for alignment with UNO
<b>Communication (13.5) Complete all courses.</b>		
ENGL 1010 English Composition I	4.5	
ENGL 1020 English Composition II	4.5	
SPCH 1110 Public Speaking	4.5	
<b>Quantitative/Numeracy Skills (12.0) Complete all courses.</b>		
MATH 1410 Statistics	4.5	
MATH 2410 Analytic Geometry & Calculus I	7.5	
<b>Critical Thinking/Creativity &amp; Social/Cultural Awareness (13.5)</b>		
Complete one Social Science Transfer Course. See <a href="#">MCC Gen Ed document</a> for additional options.	4.5	*Must be identified as SS & G <b>OR</b> SS & US at UNO GEOG 1010 GEOG 1050 SOWK 1010 SOCI 1100 GEOG 1020 POLS 2050 SOCI 2060 SOCI 2110
Complete two Humanities Transfer Courses See <a href="#">MCC Gen Ed document</a> for additional options.	9.0	*One course must be identified as H & G <b>OR</b> H & US at UNO ARTS 1110 ENGL 2490 HUMS 1110 HUMS 1120 PHIL 2200 ARTS 1120 PHIL 2200 SPAN 1110 FREN 1110 GERM 1010
<b>Scientific Inquiry (12.0) Complete two Natural Sciences courses.</b>		
See <a href="#">MCC Gen Ed document</a> for additional options.		BIOS 1010 CHEM 1010
<b>Professionalism/Life Skills &amp; Information Literacy (4.5) Complete one course.</b>		
INFO 1001 Information Systems and Literacy	4.5	HMRL 1010 or EXPL 1000 (both count as SS at UNO)
HMRL 1010 Human Relations Skills	4.5	
EXPL 1000 Exploratory Studies	4.5	
<b>Cultural Studies (4.5) Complete one course.</b>		
Social Science Transfer Course (Designated CS), See <a href="#">MCC Gen Ed document</a> for additional options.	4.5	GEOG 1020 GEOG 1050 ECON 1000 ECON 1100 PSYC 1010 POLS 2070 SOCI 1010 SOCI 1250 SOCI 2060 PSYC 1110
<b>Elective Course (4.5) Complete one course.</b>		
Humanities Transfer Course See <a href="#">MCC Gen Ed document</a> for additional options.	4.5	HUMS 1000 HUMS 1100 HUMS 2310 MUSC 1050 PHIL 1010 PHIL 1100 PHIL 2030 PHIL 2400 THEA 1000 THEA 2020

\*If SS & G is taken as Social Science course, then take H & US as Humanities course. If SS & US is taken as Social Science course, then take H & G as Humanities course.

Every effort has been made to provide accurate information on suggested courses, however it is the student's responsibility to consult with the institution they are planning to transfer to ensure courses fit into their intended plan of study. For additional information on course by course equivalencies please contact the MCC Transfer Center.