MCC to UNO Roadmap

To the Student: Complete …

Year One at MCC

Fall Quarter	Quarter hours
INFO 2100 Organizations, Applications, & Technology	4.5
Quantitative Numeracy: MATH 1410 Statistics	4.5
Communication: ENGL 1010 English Composition I	4.5
Total quarter hours	**13.5**

Winter Quarter	Quarter hours
MATH 1425 Pre-Calculus Algebra	5
Communication: ENGL 1020 English Composition II	4.5
INFO 2800 Information Technology Ethics	4.5
Total quarter hours	**14**

Spring Quarter	Quarter hours
INFO 1499 Computer Science I	4.5
MATH 1430 Trigonometry	4.5
Critical Thinking/Creativity & Social/Cultural Awareness: Complete one of the following courses: ARTS 1110, ARTS 1120, FREN 1110, GERM 1010, HIST 1110, HIST 1120, HIST 2050, HUMS 1110, HUMS 1120, HUMS 1130, HUMS 1150, JAPN 1010, PHIL 2200, or SPAN 1110	4.5
Total quarter hours	**13.5**

Summer Quarter	Quarter hours
INFO 1500 Computer Science II	4.5
Scientific Inquiry: Complete one course or sequence of courses. BIOS 1111-1121-1130, BIOS 2310, CHEM 1010, CHEM 1212, GEOG 1050, GEOG 1150, GEOG 1160, GEOG 1210, PHYS 1010, PHYS 110ABC, PHYS 210ABC	4.5
Communication: COMS 1110 Public Speaking	4.5
Total quarter hours	**13.5**

Year Two at MCC

Fall Quarter	Quarter hours
Professionalism/Life Skills and Information Literacy: HMRL 1010 or EXPL 1000	4.5
MATH 2410 Analytic Geometry and Calculus I	7.5
Total quarter hours	**12**

Winter Quarter	Quarter hours
Complete one courses from the following: MATH 2411, INFO 1620 or INFO 1571	4.5
INFO 2040 Introduction to C Programming	4.5
Total quarter hours	**9.0**

Spring Quarter	Quarter hours
Scientific Inquiry: Complete one course or sequence of courses from a discipline different from the initial Scientific Inquiry course. BIOS 1111-1121-1130, BIOS 2310, CHEM 1010, CHEM 1212, GEOG 1050, GEOG 1150, GEOG 1160, GEOG 1210, PHYS 1010, PHYS 110ABC, PHYS 210ABC	6.0
Complete one courses from the following: MATH 2411, INFO 1620 or INFO 1571	4.5
INFO 2030 Mathematical Foundations of Computer Science	4.5
Total quarter hours	**15.0**

Year Three at UNO

Fall Semester	Semester hours
CIST 3000 Advanced Composition for IS&T	3.0
CSCI 3710 Introduction to Digital Design and Computer Organization	3.0
MATH 2050 Applied Linear Algebra	3.0
CSCI 3320 Data Structures	3.0
CSCI 2040 Introduction to Mathematical Proofs	1.0
Free Elective	1.0
Total semester hours	**14.0**

Spring Semester	Semester hours
CSCI 3550 Communication Networks	3.0
CSCI 3660 Theory of Computation	3.0
CSCI 4100 Introduction to Algorithms	3.0
CSCI 4350 Computer Architecture	3.0
Humanities & Fine Arts Requirement or Free Elective	3.0
Total semester hours	**15.0**

Year Four at UNO

Fall Semester	Semester hours
CSCI 4220 Principles of Programming Languages	3.0
CSCI 4500 Operating Systems	3.0
CSCI 4830 Introduction Software Engineering	3.0
Core/Specialization Elective	3.0
Core/Specialization Elective	3.0
Total semester hours	**15.0**

Spring Semester	Semester hours
CSCI 4000 Assessment	0.0
CSCI 4970 Capstone Project	3.0
Core/Specialization Elective	3.0
Core/Specialization Elective	3.0
Core/Specialization Elective	3.0
US Diversity/Social Science Requirement or Free Elective	3.0
Total semester hours	**15.0**