



Degree Requirements	Details
Total Credit Hours	120/121 credit hours
Grade Point Average (GPA)	2.0 GPA
Residency Rule	Complete a minimum of 25% of the total credit hours requirement of the degree program at MVSU.
"D" Policy	Students are allowed one (1) "D" in major courses.
Academic Advisor	
Student Name	
Student ID#	

General Core Curriculum	Course Number	Credit Hours	Semester Offered
Freshman Composition	EN 101 EN 102	6	FA, SP, S1 FA, SP, S2
Humanities: History and English Literature <i>Students must take (6hrs EN Lit & 3hrs HI or 6hrs HI & 3hrs EN Lit)</i>		9	
Fine Arts	AR 101 TH 201 MU 107	3	FA & SP
Orientation	FY 101	1	FA & SP
Science		6/8	

General Core Curriculum	Course Number	Credit Hours	Semester Offered
Social and Behavioral Sciences: Economics, Geography, Political Science, Psychology, Public Administration and Sociology		6	
Speech	SP 201	3	FA, SP, SI, S2
Health and Physical Education or ROTC	HL 101 PE 102	2/3	FA & SP
	MS 101		FA
	MS 102		SP
College Algebra or Higher Level Mathematics		3	

Subtotal 39/42

Semester 1	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Freshman Composition	EN 101	3	FA, SP, S1				EN 100B or English Subtest Score of 17
Art Appreciation	AR 101	3	FA & SP			MU 107 TH 201	
Humanities (See Core Curriculum)		3					
Calculus I	MA 299	3	FA & SP				MA 111, MA 150, or Math Subtest Score of 22
Survey of Computer Science	CS 112	3	FA & SP				Must be a CS, MA or MA Education Major
Freshman Year Experience	FY 101	1	FA & SP				
	Total Hours	16					

Semester 2	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Freshman Composition	EN 102	3	FA, SP, S2				EN 101
Concepts of Physical Education or Comprehensive Health	PE 102 or HL 101	2/3	FA & SP				
Social & Behavioral Sciences (See Core Curriculum)		3					
Calculus II	MA 300	3	FA & SP				MA 299
Computer Programming I	CS 203	3	FA & SP				CS 112
Computer Seminar	CS 192	1	SP				Must be a CS Major
	Total Hours	15/16					

Semester 3	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Computer Programming II	CS 204	3	FA & SP				CS 203
General Physics I	PH 211	4	FA				MA 111 and MA 112
General Physics I Lab	PH 211L	0	FA				PH 211
Discrete Structures	CS 341	3	FA				MA 300
Humanities (See Core Curriculum)		3					
Financial Accounting	AC 221	3	FA, SP, S1				
	Total Hours	16					

Semester 4	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Humanities (See Core Curriculum)		3					
General Physics II	PH 212	4	SP				PH 211 and PH 212L
General Physics II Lab	PH 212L	0	SP				PH 212
Data Structures	CS 205	3	FA & SP				CS 204
Visual Basic Programming	CS 231	3	SP*			CS 221	CS 203
Probability & Statistics	MA 325	3	SP				MA 300
Total Hours		16					

* Offered Every Other Spring Semester

Semester 5	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Database Management Systems	CS 351	3	FA				CS 204
Social & Behavioral Sciences (See Core Curriculum)		3					
Computer Architecture	CS 321	3	FA				CS 204
Intro to Algorithms	CS 323	3	FA				CS 205
General Biology I (Zoology)	BI 111	3	FA FA			BI 112 CH 111	BI 111L
General Biology I (Zoology) Lab	BI 111L	1	FA FA			BI 112L CH 111L	BI 111
Social & Ethical Issues in CS	CS 398	1	FA*				Must be a SO or JR and a Computer Science Major
Total Hours		17					

* Offered Every Other Fall Semester

Semester 6	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Principles of Programming Languages	CS 350	3	SP				CS 205
Operating Systems	CS 371	3	SP				CS 205 and CS 321
Linear Algebra	MA 331	3	SP				MA 300
Ordinary & Partial Diff. Equations	MA 421	3	SP				MA 300
Software Engineering	CS 425	3	SP				CS 351
Total Hours		15					

Semester 7	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Introduction to Networking	CS 422	3	FA				CS 371
Intro to Cyber Security	CS 423	3	FA				CS 371
Senior Project	CS 455	3	FA				Must be a Senior and a Computer Science Major
Fundamentals of Speech	SP 201	3	FA, SP, S1, S2				
Total Hours		12					

Semester 8	Course Number	Credit Hours	Semester Offered	Semester Taken	Grade Earned	Also Allowed	Pre/Co-requisites
Computer Science Elective	CS ***	3					
Network Defense	CS 453	3	SP				CS 422 & CS 423
Language & Compilers	CS 441	3	SP				CS 350
Math Elective	MA ***	3					Math electives must be 300 or above
Computer Seminar	CS 492	1	SP			CS 491	Must be a Senior and a Computer Science Major
Total Hours		13					