

MIDWESTERN STATE UNIVERSITY
 McCoy College of Science, Mathematics & Engineering
 Department of Computer Science
 Degree Plan - B.S. - 2019-2020 Catalog



Name: _____ SID : _____ Date: _____
 (Last) (First) (Middle)
 Degree Sought: BS Expected Graduation Date: _____

MAJOR: Computer Science

Course #	Course Name	Grade	Term	Course #	Course Name	Grade	Term
CMPS 1044	CS I			CMPS 3023	Logic Design		
CMPS 1063	Data Structures & ADT			CMPS 3233	Theory of Computation		
CMPS 2084	Intro Comp Architecture			CMPS 4103	Intro to Operating Systems		
CMPS 2143	Object Orientated Program			CMPS 4113	Software Engineering		
CMPS 2433	Discrete Structures/Analysis			CMPS 4143	Topics/Contemp Prog Lang		
CMPS 3013	Adv. Structures & Algorithms			CMPS 4991	Seminar		

+ 18 Hours CMPS Electives (15 Adv)

CMPS	3		
CMPS	3		
CMPS	3		
CMPS	3		
CMPS	3		
CMPS	3		

CS Exit
Exam:

Total: 54 Sem. Hours 34-37 Adv Hrs.

Additional Department Requirements

Course #	Course Name	Grade	Term	Course #	Course Name	Grade	Term
PHYS 1624	Mech. Wave Motion & Heat			+3 hrs adv. From the following Math Elective			
PHYS 2644	Elec & Magnetic & Optic			MATH 3533	Numerical Analysis	or	
MATH 1534	Pre-Calculus or 1233 & 1433			MATH 2753	Linear Algebra	or	
MATH 1634	Calculus I			MATH 4243	Operations Research		
MATH 1734	Calculus II			Total: 23-25 Sem Hrs.			

CORE REQUIREMENTS & ELECTIVES

Course #	Course Name	Grade	Term	Course #	Course Name	Grade	Term
	Communication			Science: 6-8 Hrs-Two lab course from 1 discipline req'd:			
	Communication						
HIST 1133	American History to 1865						
HIST 1233	American History since 1865						
POLS 1333	American Government						
POLS 1433	American Government						
Cultural and Global Understanding				Electives - 6-10 hours (If needed)			
Social & Bhvrl Sciences (3hrs)							
Creative Arts (3hrs):							
Lang., Philsphy & Culture (3 hr:							
Writing Proficiency Exam: _____							

Total: 41-43 Sem. Hrs.

Major Credit Hrs	Add'l Department Req & Electives Hrs.	Core Requirement Hrs.
Sem Hrs. <u>54</u>	Sem Hrs. <u>23-25</u>	Sem Hrs. <u>41-43</u>
Adv. Hrs. <u>34-37</u>	Adv. Hrs. <u>0-3</u>	Adv. Hrs. <u>0</u>
TOTAL SEMESTER HRS:	120	TOTAL ADVANCED HRS: 33 required

APPROVED: _____ **SEE BACK OF FORM FOR TRANSFER AND/OR SUBSTITUION CREDIT COURSE INFORMATION**

Advisor _____ Chair, Major Departement _____ Dean, College of Science & Mathematics

Student-I understand that this degree plan does not supersede catalog requirements for which I am fully responsible.

(Updated September 2018)

