

MCC – Undergrad Computer Science Worksheet 2023-2024

Name:

Student ID:

1. Background requirement (27)

Area	NU course	Fulfillment
<a href="#">A.1 Math</a> (3+1)	MATH 220-1:	
	MATH 220-2:	
	MATH 228-1: or 230-1	
	Comp_Sci 212: Math foundations of CS	
<a href="#">A.2 Engineering Analysis</a> (3+1)	GEN_ENG 205-1 or GEN_ENG 206-1	
	GEN_ENG 205-2 or GEN_ENG 206-2	
	GEN_ENG 205-3 or GEN_ENG 206-3	
	Comp_Sci 111: Fundamentals of Computer Programming I	
<a href="#">3 Design and communications courses</a>	DSGN 106-1 and ENGLISH 106-1	
	DSGN 106-2 and ENGLISH 106-2	
	COMM ST 102 Public Speaking <u>or</u> PERF ST 103 Analysis and Performance of Literature	
<a href="#">A.4: Basic sciences</a>	At least 1 course with an associated required laboratory co-registration (.34 units) from the following list of courses is required. <b>Expand the current menu of Basic Science courses to include the following additions:</b> See Catalog for details - <a href="#">general requirements</a> - Basic sciences.	
	AP credits - Chem 131 (141), Chem 151 (161), Chem 171 (181), Chem 1X1 (11X), Phys 125-2 (126-2), Phys 135-2 (136-2), Phys 140-2 (136-2) Biol 202 (232).	
<a href="#">7 Social sciences/humanities courses</a>	See the online process in the dashboard. Requirements: <a href="https://www.mccormick.northwestern.edu/students/undergraduate/social-science-humanities-theme/">https://www.mccormick.northwestern.edu/students/undergraduate/social-science-humanities-theme/</a>	
<a href="#">5 Unrestricted electives</a>		

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2. CS Course Requirements

Area	NU course	Fulfillment
<b>21 Units Major programs</b>	No more than <b>Three</b> "D" grades are allowed within the Major Program	
<u>3 Advanced elective courses</u>	EECS 302, IEMS 201, IEMS 303, or STAT 210: Statistics I	
	Any subject 300-level or higher class, or introductory courses that directly support computer science ( <a href="#">MECH_ENG 233-0</a> , <a href="#">COMP_ENG 203-0</a> , <a href="#">COMP_ENG 205-0</a> , <a href="#">COMP_SCI 260-0</a> , <a href="#">COMP_SCI 296-0</a> , and <a href="#">COMP_SCI 298-0</a> ), <a href="#">COG_SCI 207-0</a> See <a href="#">Catalog</a> for details.	
CS Major Requirements (4)	Comp_Sci 150: Intro to CS for everyone	
	Comp_Sci 211: Fundamentals of Computer Programming II	
	Comp_Sci 213: Introduction to computer systems	
	Comp_Sci 214: Data structure and data management	
<u>Breadth Requirement (5)</u>	Artificial intelligence	
	Interfaces	
	Software development	
	Systems	
	Theory	
<u>Technical electives Requirement (6)</u>		
<u>Project courses (2)</u>		

McCormick School of Engineering Computer Science major curriculum 48 units - [Computer Science Degree](#)

Q&A in CS major PLEASE email: [advising@cs.northwestern.edu](mailto:advising@cs.northwestern.edu)