

2020-21 Advising Guide

Associate of Science (Computer Science) to Bachelor of Science

COMPUTER SCIENCE

Degree Delivery Method: Primarily live classes.

NORTH IDAHO COLLEGE			U of I COEUR d'ALENE	
Advising Services: 2 nd floor Edminster SUB 208-769-7821 or advising@nic.edu			Advising Contact: Bob Rinker 208-885-7378 or rinker@uidaho.edu	
GEM 1 Written Communication	6 cr	✓	COMPUTER SCIENCE COURSES	
ENGL 101, Writing and Rhetoric I	3 cr		+CS 360, Database Systems	3 cr
+ENGL 102, Writing and Rhetoric II	3 cr		+CS 383, Software Engineering	4 cr
GEM 2 Oral Communication	3 cr	✓	CS 385, Theory of Computation	3 cr
COMM 101, Fundamentals of Oral Comm	3 cr		+CS 395, Analysis of Algorithms	3 cr
GEM 3 Mathematical Ways of Knowing	3-5	✓	CS 401, Contemporary Issues in CS	1 cr
+MATH 175, Analytic Geometry and Calculus II	4 cr		+CS 445, Compiler Design	4 cr
GEM 4 - Science (two disciplines)	8 cr	✓	+CS 480, 481, Senior Capstone Design	6 cr
Consult advisor for approved options.			OTHER REQUIRED COURSES FOR YOUR MAJOR	
GEM 5 - Humanistic/Artistic (two disciplines)	6 cr	✓	+ENGL 317, Tech Writing (ENGL 202 @ NIC)	3 cr
(See NIC GEM options)	3 cr		+Math 330, Linear Algebra (+MATH 335 @ NIC)	3 cr
GEM 6 - Social/Behavioral (two disciplines)	6 cr	✓	+STAT 301, Probab & Stats (+MATH 253 @ NIC)	3 cr
(See NIC GEM options)	3 cr		Upper Division Computer Science Courses	12 cr
GEM 7 - Institutionally Designated	4-6	✓	except CS 398, 400, 401, 431, 499	
INTR 250	3 cr			
Wellness	1-3			
OTHER REQUIRED COURSES FOR YOUR MAJOR				
+CS 150, 151, 155, 210, 241, 270	20cr			
ENGL 202, Technical Writing	2 cr		NOTES & REQUIREMENTS	
+MATH 187, 253, 335	10cr			
PREREQUISITES				
The + indicates the course has a prerequisite.			NOTES & REQUIREMENTS	
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<ul style="list-style-type: none"> - Students planning on transferring to U of I are advised to complete an A.S. (minimum 60 credits) at NIC. - Students can concurrently enroll at U of I while completing an NIC degree. - Students must earn a C in all lower-division CS courses, as well as +MATH 170, 175, and 187. 			<ul style="list-style-type: none"> - 120 credits are required for a B.S.C.S., not including ENGL 101, MATH 143, and other deficiency courses. - A minimum of 36 upper division credits are required, with 30 from U of I. 	

Advising Guide information is subject to change and does not constitute an agreement between the university and student.

modified 9/10/20