

## 2020-21 Advising Guide

Associate of Science (General Studies) to Bachelor of Science

### CYBERSECURITY

Degree Delivery Method: Mix of live and virtual classes.

NORTH IDAHO COLLEGE			U of I COEUR d'ALENE	
Advising Services: 2 <sup>nd</sup> floor Edminster SUB 208-769-7821 or advising@nic.edu			Advising Contact: Jim Alves-Foss 208-885-5196 or jimaf@uidaho.edu	
GEM 1 Written Communication	6 cr	✓	COMPUTER SCIENCE COURSES	
ENGL 101, Writing and Rhetoric I	3 cr		+CYB 310, Cyber Technical Foundations	3 cr
+ENGL 102, Writing and Rhetoric II	3 cr		+CYB 340, Network Defense	3 cr
GEM 2 Oral Communication	3 cr	✓	+CYB 350, Operating System Defense	3 cr
COMM 101, Fundamentals of Oral Comm	3 cr		+CYB 380 & 381 Cybersecurity Lab I & II	6 cr
GEM 3 Mathematical Ways of Knowing	3-5	✓	+CYB 401, Cybersecurity as a profession	1 cr
+MATH 160 or 170, Calculus	4 cr		+CYB 420, Computer and Network Forensics	3 cr
GEM 4 - Science (two disciplines)	8 cr	✓	+CYB 440, Softward Vulnerability Analysis	3 cr
Consult advisor for approved options.			+CYB 480 & 481, Senior Capstone I & II	6 cr
GEM 5 - Humanistic/Artistic (two disciplines)	6 cr	✓	+CS 383, Software Engineering	4 cr
PHIL 103, Ethics	3 cr		OTHER REQUIRED COURSES FOR YOUR MAJOR	
(See NIC GEM options)	3 cr		+ENGL 317, Tech Writing (ENGL 202 @ 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			
GEM 7 - Institutionally Designated	4-6	✓		
INTR 250	3 cr			
Wellness	1-3			
OTHER REQUIRED COURSES FOR YOUR MAJOR				
CYB 110 (Fall), +210 (Fall), +220 (Spring)	9 cr			
CS 115, +150, +151, +155, +210, +241, +270	23cr			
ENGL 202, Technical Writing	3 cr			
+MATH 187, 253	7 cr			
<b>PREREQUISITES</b>				
The + indicates the course has a prerequisite.				
<b>NOTES &amp; REQUIREMENTS</b>			<b>NOTES &amp; REQUIREMENTS</b>	
<ul style="list-style-type: none"> <li>- Students planning on transferring to U of I are advised to complete an A.S. (minimum 60 credits) at NIC.</li> <li>- Students must concurrently enroll in CYB classes at U of I while completing an NIC degree</li> </ul>			<ul style="list-style-type: none"> <li>- 120 credits are required for a B.S.</li> <li>- A minimum of 36 upper division credits are required, with 30 from U of I.</li> </ul>	

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

*modified 1/22/21*