

## APPENDIX A: Black Hawk College and National Louis University

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Associate in Applied Science, Computer Information Technology - Secure Software Development Track to Bachelor of Science,  
Computer Science and Information Systems

Step II: Additional courses to be taken at Black Hawk College or National Louis University

NLU Requirements	College courses which fulfill NLU requirements	Semester Hours	Quarter Hours
Communications			
ENG 201 Intermediate English Composition	ENG 102 Composition II	3	4.5
ENG 203 Effective Speaking for Undergraduate	SPEC 101 Prin of Speech Communication	3	4.5
Mathematics and Natural Sciences			
Natural Sciences	ASTR 101, 102; BIOL 100, 101, 105, 106, 200, 201, 211, 250, 251; CHEM 101, 110, 111; NSCI 101, 102; PHYS 101, 110, 140, 201; PS 101	3	4.5
MTH 102 Statistical Foundations*	MATH 108 Statistics for Gen Ed	3	4.5
Computer Science and Information Systems Major			
CSS 220 Discrete Structures	MATH 161 Discrete Mathematics	3	4.5
<b>TOTAL TRANSFER:</b>		<b>15</b>	<b>22.5</b>

\*Grade of C or better is required for transfer

Step III: National Louis University - B.S. Computer Science and Information Systems

	SH	QH
General Education Requirement	20	30
GEN 203 You & NLU: Tools and Strategies of Student Success - This course will be waived for any student who transfers a minimum of 60SH/90QH		
One from the following courses: PHI 107 Ethics, Logic and Critical Inquiry, HIS 103 History Across Globe, ART 101 Basic Art Appreciation (5)		
Two Social and Behavioral Sciences courses (10)		
Two additional General Education courses (10)		
BRV 200 Braven Accelerator or CAR 214 Creating and Communicating the Professional Brand or CAR 202 Creating Professional Identity and CAR 203 You the Professional (5)		
Computer Science and Information Systems Major	10	15
CSS 300 Data Analysis		
CSS 492 Internship in Computer Science and Information Systems (must be taken at NLU)		
Upper Level CIS Elective		
Free Electives	11	17
<b>TOTAL</b>	<b>41</b>	<b>62</b>

SUMMARY		SH	QH
Black Hawk College	Associate Degree	64	96
Black Hawk College or National Louis University	Additional Courses from Step II	15	22.5
National Louis University	Courses taken at NLU	41	62
<b>TOTAL</b>		<b>120</b>	<b>180.5</b>