

**APPENDIX B: Harper College and National Louis University – Associate in Applied Science, Information Technology, Computer Support to the Bachelor of Science, Management Information Systems**

**Step I: Associate Degree**

<b>B.S. Management Information Systems</b>	<b>Associate Degree courses which fulfill NLU requirements</b>	<b>Semester Hours</b>	<b>Quarter Hours</b>
<b>GENERAL EDUCATION</b>		<b>19</b>	<b>28.5</b>
<b>Communications</b>			
LAE 101 English Composition I	ENG 101 Composition I	3	4.5
LAE 202 Effective Speaking	SPE 101 Fundamentals of Speech	3	4.5
<b>Humanities</b>			
One course – min 4.5 QH	CHN 202; FRN 202, 210; GER 202, 210; JPN 202; SGN 202, 210; SPA 202, 210; HST 105; HUM 101, 102, 104, 105, 106, 107, 110, 120, 125; LIT 105, 110, 112, 115, 206, 207, 208, 210, 220, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 215, 220, 225, 231, 232	3	4.5
<b>Quantitative Reasoning</b>			
LAM 106 Basic Statistics	MTH 162, 165, 225	4	6
<b>Physical and Life Science</b>			
One course – min 4.5 QH	AST 100, 101, 112, 115; BIO 101, 103, 104, 105, 110, 115, 116, 120, 140, 150; CHM 100, 103, 105, 110, 121; GEG 111, 112; GEO 101, 102, 103; PHS 101, 105, 111, 112, 115, 170; PHY 100, 121, 201	3	4.5
<b>Social Science</b>			
One course – min 4.5 QH	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100, 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; SOC 101, 120, 205, 215, 230, 235	3	4.5
<b>MANAGEMENT INFORMATION SYSTEMS MAJOR</b>		<b>12</b>	<b>18</b>
MIS 433 Dev and Managing Databases	CIS 143 Introduction to Database Systems	3	4.5
MIS 456 Securing Corp Information	NET 280 IT Security (Comp Support Elective)	3	4.5
MIS 424 Dev and Mg Web Sites	WEB 150 Web Foundations	3	4.5
MIS 417 Network Management	NET 121 Introduction to Networking	3	4.5
<b>PROGRAM ELECTIVES</b>		<b>30</b>	<b>45</b>
Free Electives	CAS 160 Introduction to Business Software	3	4.5
	CIS 106 Computer Logic and Prog Techn	3	4.5
	CAS 265 Adv Business Software Packages	3	4.5
	NET 105 IT Fundamentals	3	4.5
	NET 111 A+ Hardware	3	4.5
	NET 112 A+ Operating Systems Technologies	3	4.5
	NET 201 Service Desk and Service Mgmt	3	4.5
	NET 240 Linux Fundamentals	3	4.5
	NET 260 Windows Server Administration	3	4.5
	Computer Support Elective - min 3 SH	3	4.5
<b>TOTAL TRANSFER:</b>		<b>61</b>	<b>91.5</b>

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**Step II: National Louis University - B.S. Management Information Systems**

	<b>SH</b>	<b>QH</b>
<b>General Education</b>	<b>22</b>	<b>33</b>
LAA 101 and 102 Art Appreciation I and II		
LAP 100 General Psychology		
General Education Electives - 23 QH		
<b>Management Information Systems Major</b>	<b>25</b>	<b>37</b>
BUS 430 Management and Leadership		
BUS 431 Professional Communication for Managers		
MIS 436 Technology Applications in Management		
MIS 437 Data Mining and Warehousing		
MIS 462 Systems Development Life Cycle		
MIS 470 Programming for Business Solutions		
MIS 471 IT Project Management		
MIS 499 MIS Capstone		
<b>Free Electives</b>	<b>12</b>	<b>19</b>
<b>TOTAL</b>	<b>59</b>	<b>89</b>

<b>SUMMARY</b>	<b>SH</b>	<b>QH</b>
Harper College                      Associate Degree	61	91.5
National Louis University        Courses to be taken at NLU	59	89
<b>TOTAL</b>	<b>120</b>	<b>180.5</b>