

Major/Program	Computer Information Systems (Software Development)
College	Science and Mathematics
Department	Mathematics and Computing
Contact	Dave Slimmer, Dean

2017-2018

Lander University
4-Year Major Guide
Odd Year Fall Entry

	First Semester	Second Semester	TOTALS
	Course	Notes	Hours
First Year	CIS 130	<i>Logic & Analytical Thought (General Education)</i>	4
	CIS 102	<i>or successful completion of CIS 102 exemption test, see advisor</i>	3
	MATH 121 or MATH 141	<i>Mathematics (General Education)</i>	3
	ENGL 101	<i>Writing (Gen. Educ.)</i>	3
	Foreign Language	<i>University Requirement</i>	3
	LINK 101	<i>University Requirement</i>	1
	Subtotal		17
		Course	Notes
		CIS 120	3
		CIS 230	4
		Behavioral Science	<i>General Education</i> 3
		ENGL 102	<i>Writing (Gen. Educ.)</i> 3
		Foreign Language	<i>University Requirement</i> 3
	Subtotal		16
		Yearly Totals	33

	First Semester	Second Semester	
	Course	Notes	Hours
Second Year	CIS 231		4
	CIS 250		3
	*Fine Arts	<i>General Education</i>	3
	Literature	<i>General Education</i>	3
	History	<i>General Education</i>	3
		Subtotal	
		Course <td style="text-align: left;">Notes</td>	Notes
		CIS 234	1
		CIS 240	3
		MATH 200, MATH 242, MATH 300, or MATH 308	3
		Humanities or Literature	<i>General Education</i> 3
		PHYS 203	<i>Laboratory Science (General Education)</i> 4
	Subtotal		14
		Yearly Totals	30

	First Semester	Second Semester	
	Course	Notes	Hours
Third Year	CIS 335		3
	CIS 498		3
	MATH 211 or MATH 311	<i>if MATH 211 taken, then take MATH 212 in next semester</i>	3
	Laboratory Science	<i>General Education</i>	4
	Global Issues / Nonwestern Studies	<i>General Education</i>	3
		Subtotal	
		Course <td style="text-align: left;">Notes</td>	Notes
		CIS 320	3
		CIS 330	3
		MATH 212	<i>take MATH 212 if took MATH 211 previously; take an elective if took MATH 311 previously</i> 3
		PEES 175	<i>Wellness (General Education)</i> 2
		PEES 176	<i>Wellness (General Education)</i> 1
		*Political Economy	<i>General Education</i> 3
	Subtotal		15
		Yearly Totals	31

	First Semester	Second Semester		
	Course	Notes	Hours	
Fourth Year	CIS 321		3	
	Electives		12	
			Course <td style="text-align: left;">Notes</td>	Notes
			CIS 360	3
			CIS 499	3
			*MATH 125 or MATH 325	3
		Electives	4	
		FALS 101	<i>University Requirement</i> 1	
	Subtotal		15	
		Yearly Totals	29	

Total Hours Required: 123

*Select appropriate course according to the minor chosen. Approved minors are listed in the catalog.

Some CIS and Mathematics courses are taught every other year; therefore individual schedules will vary.