Major/Program	Data Science (Mathematics)
College	Business and Technology
Department	Applied Computing
Contact	Dr. Lloyd Willis, Interim Dean

2025-2026

Lander University
4-Year Major Guide
Odd Year Entry

can be moved to any semester

First Year

First Semester				Second Semester		
Course	*Notes*	**Hours**		**Course**	*Notes*	**Hours**
CIS 130		4		CIS 120		3
DSCI 130		3		DSCI 230		4
ENGL 101	*Core Academic Skills (General Education)*	3		ENGL 102	*Core Academic Skills (General Education)*	3
MATH 141	*Core Academic Skills (General Education)*	4		General Education	*Humanities and Fine Arts (General Education)*	3
LINK 101	*General Education*	1		MATH 142		4
	Subtotal	**15**			**Subtotal**	**17**

TOTALS
Yearly Totals **32**

Second Year

First Semester				Second Semester		
Course	*Notes*	**Hours**		**Course**	*Notes*	**Hours**
CIS 230		4		CIS 234		1
General Education	*Behavioral and Social Perspectives (General Education)*	3		CIS 360		3
General Education	*Humanities and Fine Arts (General Education)*	3		MATH 125		3
MATH 211	*Reasoning (General Education)*	3		MATH 208		3
MATH 241		4		MATH 242		4
	Subtotal	**17**			**Subtotal**	**14**

Yearly Totals **31**

Third Year

First Semester				Second Semester		
Course	*Notes*	**Hours**		**Course**	*Notes*	**Hours**
Elective		3		DSCI 231		3
Elective		3		DSCI 330		3
Laboratory Science	*Reasoning (General Education)*	4		DSCI 340		3
MATH 213		3		Elective		2
MATH 300, MATH 431, or MATH 432	*Emphasis Requirement*	3		MATH 214		3
	Subtotal	**16**			**Subtotal**	**14**

Yearly Totals **30**

Fourth Year

First Semester				Second Semester		
Course	*Notes*	**Hours**		**Course**	*Notes*	**Hours**
DSCI 440		3		DSCI 499		3
Elective		3		Elective		3
Elective		3		General Education	*Behavioral and Social Perspectives (General Education)*	3
Elective		3		General Education	*World Cultures (General Education)*	3
HIST 111, HIST 112R, or POLS 101R	*Founding Documents (General Education)*	3				
	Subtotal	**15**			**Subtotal**	**12**

Yearly Totals **27**

Total Hours Required: 120