



The Academic Map serves as a suggested course sequence only. Students are not limited to this plan; it is meant to be used as a guide for planning purposes. Projected course offerings are subject to change due to faculty availability and student demand.

Fall	Credits
LEP Foundations: INQ 101	3
LEP Foundations: Technological Fluency	3
LEP Foundations: ENG 110 (WC Prereq) or elective	3
LEP Foundations: Quantitative Reasoning (MAT 122)	4
LEP Explorations: Option 1	3
Total	16

Fall	Credits
LEP Explorations: Option 2	3
LEP Explorations: Natural World (LE or PR)	3
MAT 151 - Calculus II	4
MAT 372 - Linear Algebra	3
DSC 101: Introduction to Data Science II	3
Total	16

Fall	Credits
LEP Explorations: Option 4	3
Free Elective	3
Free Elective	3
MAT 245: Diff. Equations or MAT 322: Num. Analysis	3-4
MAT 320: Mathematical Statistics I	3
Total	15-16

Fall	Credits
Free Elective	3
Free Elective	3
MAT 245: Diff. Equations or MAT 322: Num. Analysis	3-4
MAT Elective 2 (300 or higher)	3
MAT 491: Math Capstone I	1
Total	13-14

Spring	Credits
LEP Foundations: ENG 112 (Written Communication)	3
LEP Foundations: Multilingual Communication	3
MAT 115: Intro. to Modern Mathematics	3
MAT 150: Calculus I	4
DSC 100: Introduction to Data Science I	3
Total	16

Spring	Credits
LEP Explorations: Option 3	3
LEP Explorations: Natural World (LE or PR)	4
MAT 252: Calculus III	4
MAT 250: Foundations of Mathematics	4
Total	15

Spring	Credits
LEP Explorations: Option 5	3
LEP Explorations: Option 6	3
Free Elective	3
MAT 446: Adv. Calculus with Applications	3
MAT elective 1 (300 or higher)	3
Total	15

Spring	Credits
Free Elective	4
Free Elective	3
MAT488W: Seminar in Math Modeling	3
MAT 491: Math Capstone II	3
Total	13

Program Notes

This curricular map is designed for entering first-year students, assuming placement in MAT 122 and the 101-level of a world language. Students that place in MAT 100/100P or 111/112 and transfer students should consult an advisor to develop a personalized curriculum map. A MAT GPA of 2.0 is required, and only one grade below C- is acceptable. Three writing intensive courses ('W' courses) are required. For more information regarding academic requirements, including the Liberal Education Program (LEP), please visit the program page at <http://catalog.southernct.edu>. Any questions about academic requirements should be directed to an advisor.