LAC Learning Outcomes (LAC *only)*

Use this document as reference when only LAC status, not GT Pathways status, is being sought. Please consult the combined GTP & LAC Learning Outcomes document for a concise listing of both sets of requirements.

LIBERAL ARTS CURRICULUM AREA	LEARNING OUTCOMES
Written Communication	
• Introductory Writing (LAW1) • Intermediate Writing (LAW2) • Advanced Writing (LAW3)	**LAC Written Communication Learning Outcomes** 1. Employ Rhetorical Knowledge a. Exhibit a thorough understanding of audience, purpose, genre, and context that is responsive to the situation. 2. Develop Content a. Create and develop ideas within the context of the situation and the assigned task(s). 3. Apply Genre and Disciplinary Conventions a. Apply formal and informal conventions of writing, including organization, content, presentation, formatting, and stylistic choices, in particular forms and/or fields. 4. Use Sources and Evidence a. Critically read, evaluate, apply, and synthesize evidence and/or sources in support of a claim. b. Follow an appropriate documentation system. 5. Control Syntax and Mechanics a. Demonstrate proficiency with conventions, including spellings, grammar, mechanics, and word choice appropriate to the writing task.
Mathematics	
Mathematics (LAX1)	**LAC Mathematics Learning Outcomes** a) Demonstrate good problem-solving habits, including: • estimating solutions and recognizing unreasonable results • considering a variety of approaches to a given problem, and selecting one that is appropriate • interpreting solutions correctly b) Generate and interpret symbolic, graphical, numerical, and verbal (written or oral) representations of mathematical ideas c) Communicate mathematical ideas in written and/or oral form using appropriate mathematical language, notation, and style d) Apply mathematical concepts, procedures, and techniques appropriate to the course e) Recognize and apply patterns or mathematical structure f) Utilize and integrate appropriate technology g) Demonstrate competency in Quantitative Literacy by being able to: 1) Interpret Information a. Explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words). 2) Represent Information a. Convert information into and between various mathematical

	forms (e.g., equations, graphs, diagrams, tables, words). 3) Perform Calculations a. Solve problems or equations at the appropriate course level. b. Use appropriate mathematical notation. c. Solve a variety of different problem types that involve a multi-step solution and address the validity of the results. 4) Apply and Analyze Information a. Make use of graphical objects (such as graphs of equations in two or three variables, histograms, scatterplots of bivariate data, geometrical figures, etc.) to supplement a solution to a typical problem at the appropriate level. b. Formulate, organize, and articulate solutions to theoretical and application problems at the appropriate course level. c. Make judgments based on mathematical analysis appropriate to the course level. 5) Communicate Using Mathematical Forms a. Express mathematical analysis symbolically, graphically, and in written language that clarifies/justifies/summarizes reasoning (may also include oral communication). 6) Address Assumptions (*required of statistics courses only*) a. Describe and support assumptions in estimation, modeling, and data analysis, used as appropriate for the course.
U.S. Multicultural Studies & International Studies	**NOTE**: Courses seeking either the U.S. Multicultural Studies [MS] or International Studies [IS] designation must also belong to one of the Arts & Humanities, History, and Social & Behavioral Sciences categories. MS and IS are not standalone LAC designations.
U.S. Multicultural Studies (LAMS)	**LAC U.S. Multicultural Studies Learning Outcomes** • Demonstrate a basic understanding of the life experiences and perspectives of individuals and groups with various racial, ethnic, gender, sexuality, class, disability and national identities within the United States. • Demonstrate a basic understanding of the interrelationship of various identities within the United States. • Demonstrate knowledge about the historic origins of ethnic pluralism in the United States. • Critical and Analytical Thinking: Demonstrate the ability to effectively apply reading, writing, critical thinking, and analytical skills to address significant issues related to multiculturalism in the United States.
International Studies (LAIS)	**LAC International Studies Learning Outcomes** • Demonstrate a basic understanding of global issues and/or the cultures of other nations, which may include the use of non-English languages. • Demonstrate the ability to adapt and apply multiple worldviews and experiences in addressing global problems. • Demonstrate an understanding of different theoretical, cultural and intellectual perspectives within a global context.

	• Critical and Analytical Thinking: Demonstrate the ability to effectively apply reading, writing, critical thinking, and analytical skills to address significant issues in the natural and human world in a global context.
Arts & Humanities	
Arts & Expression (LAA1)	**LAC Arts & Expression Learning Outcomes** • Respond analytically and critically to works of artistic expression, by addressing all of the following: 1) Describe the basic elements and their effects on meaning in a work of art. 2) Relate the effects of geography, economics, politics, religion, philosophy, and science on the values of a culture and the stylistic features of its arts. 3) Determine how a work reflects or rejects the major values or concerns of a historical era or culture. 4) Interpret themes or major concepts.
Literature & Humanities (LAA2)	**LAC Literature & Humanities Learning Outcomes** • Respond analytically and critically to literary or media works, by addressing all of the following: 1) Specific era(s) 2) Specific culture(s) 3) Themes or major concepts 4) Attitudes and values
Ways of Thinking (LAA3)	**LAC Ways of Thinking Learning Outcomes** • Respond analytically and critically to ways of thinking, by addressing one or more of the following: 1) Logic 2) Ethics 3) The different questions dealt with by leading philosophers and/or theologians and their position on those questions
World Languages (LAA4)	**LAC World Languages Learning Outcomes** • Develop an ability to communicate in, and understand, a language other than spoken and written English. Students should be able to: 1) Acquire intermediate skills in speaking, aural comprehension, reading, and writing in a language other than English, or 2) Acquire skills in American Sign Language.
Global SLOs in Arts & Humanities **Note:** All Arts & Humanities courses are to be designed to contribute to providing students with the experience	**LAC Arts & Humanities Global SLOs** • *Once students have completed the Curriculum*, they should be able to 1) Describe at least one of the central differences between the ways in which at least two different cultures and/or historical periods have

needed to do all three of these things *upon completing all the requirements of the Curriculum*. Please include these UNC-specific outcomes on any courses seeking Arts & Humanities LAC designation.	viewed the world in terms of their art, literature, philosophy, or language itself. 2) Demonstrate a solid basic understanding of at least one way in which art, literature, philosophy, or language itself has contributed substantially to shaping their own experience and/or the experiences of their fellow human beings. 3) Explain at least one salient difference between the artistic, literary, or philosophical approach or approaches to the world that they've studied in this area of the Core and the approaches to the world characteristics of the study of history and/or of the natural and social sciences.
History	
History (LAH1)	**LAC History Learning Outcomes** • Demonstrate a basic understanding of historical continuity and change. • Recognize that historical narratives are constructed by historians and change over time. • Recognize the difference between primary and secondary sources and begin to think critically and analytically about the past. • Compose an outside paper, driven by historical arguments, and supported by historical evidence.
Social & Behavioral Sciences	
Economic or Political Systems (LAB1)	**LAC Economic or Political Systems Learning Outcomes** 1) Address Diversity: Use economic theories to explain diverse perspectives. 2) Civic Engagement: Connect disciplinary knowledge to civic engagement through one's own participation in civic life, politics, and/or government. 3) Critical Thinking: Demonstrate the ability to ask research questions, judge the quality of research sources, and/or use information to explain an issue or argument.
Geography (LAB2)	**LAC Geography Learning Outcomes** 1) Build Self-Awareness: Demonstrate how one's own attitudes, behaviors, or beliefs compare or relate to those of other individuals, groups, communities, or cultures. 2) Examine Perspectives: Examine diverse perspectives when investigating social and behavioral topics within natural or human systems. 3) Address Diversity: Make connections between the worldviews, power structures, and experiences of individuals, groups, communities, or cultures, in historical or contemporary contexts. 4) Critical Thinking: Demonstrate the ability to ask research questions, judge the quality of research sources, and/or use information to explain an issue or arguments.

Human Behavior, Culture, or Social Frameworks (LAB3)	**LAC Human Behavior, Culture, or Social Framework Learning Outcomes** 1) Build Self-Awareness: Demonstrate how one's own attitudes, behaviors, or beliefs compare or relate to those of other individuals, groups, communities, or cultures. 2) Examine Perspectives: Examine diverse perspectives when investigating social and behavioral topics within natural or human systems. 3) Address Diversity: Make connections between the worldviews, power structures, and experiences of individuals, groups, communities, or cultures, in historical or contemporary contexts. 4) Critical Thinking: Demonstrate the ability to ask research questions, judge the quality of research sources, and/or use information to explain an issue or arguments.
Natural & Physical Sciences	
Natural & Physical Sciences (LAS1) *courses w/lab also carry the attribute* (LASL)	**LAC Natural & Physical Sciences Learning Outcomes** 1) Explain the fundamental concepts within the scientific field of study at the introductory level. 2) Explain relevance of the science content to real world topics affecting humanity. 3) Evaluate the quality of evidence in a scientific argument. 4) Select or Develop a Design Process. a. Select or develop elements of the methodology or theoretical framework to solve problems in a given discipline. 5) Analyze and Interpret Evidence. a. Examine evidence to identify patterns, differences, similarities, limitations, and/or implications related to the focus. b. Utilize multiple representations to interpret the data. 6) Draw Conclusions. a. State a conclusion based on findings. 7) Interpret Information. a. Explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words). 8) Represent Information. a. Convert information into and between various mathematical forms (e.g., equations, graphs, diagrams, tables, words).