**LAC Natural & Physical Sciences (LAS1, LASL) Syllabus Template**

*Below is a syllabus template for a course seeking LAC/GT-SC1 or GT-SC2 status. Everything highlighted in yellow needs to be customized. Everything in* ***bold*** *must remain verbatim in order to meet the LAC/GTP compliance and evaluative criteria. The template is meant to streamline the labor process for faculty creating syllabi for courses seeking inclusion in the Curriculum. The formatting may be altered to suit the desire of the instructor/originating unit.*

*To facilitate successful LAC review, your major assignments/assessment must show clear alignment to the LAC/GTP competencies, SLOs, and content criteria. You may use the table provided in the template below to map activities, assessments, etc. to the required competencies, SLOs, and content criteria.* *Use the “Course Mapping” column (right side) to list and/or provide narrative explanation of the activities, assignments, etc. that correspond to the competencies, SLOs, and content criteria in the left column.*

Questions about the template or syllabus requirements? Please contact LAC@unco.edu.

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[Course Name] Syllabus

[Semester Offered]

[#] credit hours

Instructor Name: [insert your information here]

Instructor Contact Information: [insert your information here]

Instructor Student Drop-In Hours: [insert your information here]

Course Catalog Description: [insert your information here]

Course Description: [insert your information here]

Important Dates: [insert your information here]

**Liberal Arts Curriculum & GT Pathways**

**This course is a part of the Liberal Arts Curriculum at UNC and fulfills [#] credit hours of the Natural & Physical Sciences category.  The Colorado Commission on Higher Education has approved [Course prefix, number] for inclusion in the Guaranteed Transfer (GT) Pathways program in the GT-SC[#] category. For transferring students, successful completion with a minimum C‒ grade guarantees transfer and application of credit in this GT Pathways category. For more information on the GT Pathways program, go to** [**http://highered.colorado.gov/academics/transfers/gtpathways/curriculum.html**](http://highered.colorado.gov/academics/transfers/gtpathways/curriculum.html)

**UNC’s LAC outcomes in Natural & Physical Sciences are aligned with the State of Colorado’s GT Pathways student learning outcomes, competencies, and content criteria for SC[#]. This includes CDHE competencies and student learning outcomes in Inquiry & Analysis and Quantitative Literacy.**

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| **LAC Natural & Physical Sciences Learning Outcomes + GTP Competencies & SLOs**  | **Course Mapping** |
| **Inquiry & Analysis:** **Inquiry is a systematic process of exploring issues/objects/works through the collection and analysis of evidence that results in informed conclusions/judgments. Analysis is the process of breaking complex topics or issues into parts to gain a better understanding of them.****Student Learning Outcomes (SLOs)*****Students should be able to:*****4. Select or Develop a Design Process**1. **Select or develop elements of the methodology or theoretical framework to solve problems in a given discipline.**

**5. Analyze and Interpret Evidence** 1. **Examine evidence to identify patterns, differences, similarities, limitations, and/or implications related to the focus.**
2. **Utilize multiple representations to interpret the data.**

**6. Draw Conclusions** 1. **State a conclusion based on findings.**
 | **[insert your information here]** |
| **Quantitative Literacy:** **Competency in quantitative literacy represents a student’s ability to use quantifiable information and mathematical analysis to make connections and draw conclusions. Students with strong quantitative literacy skills understand and can create sophisticated arguments supported by quantitative evidence and can clearly communicate those arguments in a variety of formats (using words, tables, graphs, mathematical equations, etc.).** **Student Learning Outcomes (SLOs)*****Students should be able to:*****1. Interpret Information** 1. **Explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words).**

**2. Represent Information** 1. **Convert information into and between various mathematical forms (e.g., equations, graphs, diagrams, tables, words).**
 | **[insert your information here]** |

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| **Content Criteria for Natural & Physical Sciences (GT-SC[#])** | **Course Mapping** |
| **1. The lecture contentof a GT Pathways science course (GT-SC1 or GT-SC2): Students should be able to:** 1. **Develop foundational knowledge in specific field(s) of science.**
2. **Develop an understanding of the nature and process of science.**
3. **Demonstrate the ability to use scientific methodologies.**
4. **Examine quantitative approaches to study natural phenomena.**

*(If the course does not have a lab, do not include #2 below.)***2. The laboratory content of a GT Pathways science course (GT-SC1):** **Students should be able to:** 1. **Perform hands-on activities with demonstration and simulation components playing a secondary role.**
2. **Engage in inquiry-based activities.**
3. **Demonstrate the ability to use the scientific method.**
4. **Obtain and interpret data, and communicate the results of inquiry.**
5. **Demonstrate proper technique and safe practices.**
 | **[insert your information here]** |

Required Text/Course Materials: [insert your information here]

Course Policies: [insert your information here]

Course Grading Scale/Assignments: [insert your information here]

Course Calendar/Schedule: [insert your information here]