# .Fall 2024 Gen Ed: Quantitative Analysis (Current SU Course)

Course with Import Required

## General Catalog Information

**NOTE: Use this proposal to make a change to an existing course's General Education designation. *Non-substantive* changes to the course title, description, or**

**course content can also be made if necessary.**

**If it is found at any point during the approval process that substantive changes are being made to the course, the proposal will be routed to the Undergraduate Curriculum Committee after the Dean's approval before it can be considered for General Education.**

# \*\* Read before you begin \*\*

In order to meet the standard for SU’s Quantitative Analysis general education requirement, the course must meet the Code of Maryland Regulations (COMAR) standard of “One course in mathematics, having performance expectations demonstrating a level of mathematical maturity beyond the Maryland College and Career Ready Standards in Mathematics (including problem-solving skills, and mathematical concepts and techniques that can be applied in the student’s program of study).”

1. **FILL IN** all required fields marked with an \*. You will not be able to launch the proposal without completing required fields. For all other fields, fill in only those for which a c hang e is being requested. Writing in N/A is not necessary.
2. **LAUNCH** proposal by clicking "Validate and Launch Approval Process" in the top left corner. Once you have launched this proposal, you will have a chance to edit the proposal before APPROVING it and sending it along in the approval process.
3. **APPROVE** proposal. Once you have made final edits after launching, you must approve the proposal to send it along to the next person in the approval process. The proposal will appear in your task list under the "My Proposals" tab, and you may easily view its progress at any time.

**CURRICULUM DEADLINES**

**March 1, 2023** - Submission Deadline for Fall 2024 Quantitative Analysis Courses

**Mid-December, 2023** - Proposal must be approved by the final committee in the workflow – the General Education Oversight Committee (GEOC) – by their last meeting in December 2023 to be implemented by fall 2024.

**First Date of Offering:** General Education designation changes will go into effect for the fall 2024 term.

**Requesting Department**

*IDIS and PACE courses should show Fulton School, and HONR courses should show Honors College. \*If the appropriate Requesting Department doesn't appear, please contact Melissa Boog or Jennifer Ellis in the Office of Academic Affairs before moving forward.*

**Course Type\***

**Course Prefix Course Number**

**Course Title**

**Course Title for GullNet (Limited to 30 Characters)**

*\*Required if part of the Course Change is changing the original title.*

**Course Description\***

**Will this impact a teacher education course / program?**

Yes No

**Will this impact a secondary education or P12 course / program?**

Yes No

**# of Credits**

**Hours Per Week**

**If # of credit exceeds hours per week, the** [**Course Credit Rationale**](https://www.salisbury.edu/administration/academic-affairs/ugrad-curriculum-committee/curriculum.aspx) **form must be included.**

**Staffing and Cost Implications**

*Discuss Staffing Implications and Additional Costs*

**Prerequisites**

**Corequisites**

**Major Prerequisites**

**Non-Major Prerequisites**

**Pre or Corequisites**

**Major Pre or Corequisites**

**Non-Major Pre or Corequisites**

**Recommended Prerequisites**

**Recommended Pre or Corequisites**

**May Not Receive Credit**

*List any courses for which students who take this course cannot earn credit. (Ex. If a course is renumbered, students may not earn credit for the prior numbered course and the new numbered course. OR If another course is so similar to this, students may not earn credit for both.)*

**Cross-Listed**

**Graduate Swing Equivalent**

**Activity Code**

*Please choose the activity code that best fits your course. Note: If the activity code is not being impacted by this change please use the previous designated activity code.*

**Met General Education Prior to Fall 2024**

**The rubric that will be used to evaluate this proposal can be found in MyClasses in the *General Education Revision: Ongoing Work* course under GEOC Standing Rules Faculty Senate Approval Spring 2022 and Fall 2022.**

**Rationale - Rationale must include sound justification as to why this course meets the requirements for the Quantitative Analysis requirement.**

**PART I: Students will critically evaluate mathematical products (tables, graphs, mathematical equations) and identify the limitations and capabilities of knowledge.**

**Considering the statement above, please respond to the three categories below.**

**Evidence of Student Engagement (150 word limit)\***

**Assessment Types (150 word limit)\***

**Description (150 word limit)**

**PART II: STUDENT LEARNING OUTCOMES**

The Student Learning Outcomes (SLO) assigned to the Quantitative Analysis requirement is listed below. For each, speak to how you will teach to and assess the individual SLO, referencing any attached materials (syllabi, assignment prompts, example activity directions, etc.). **There is a 150 word limit for each response.** If more information regarding the SLO is needed, details can be found in Appendix C of the online catalog.

Note that responses to some are required and others are optional.

**#1 QUANTITATIVE REASONING**

**How will students demonstrate that they have achieved the QUANTITATIVE REASONING Student Learning Outcome (Check all that apply.):**

Homework Quiz/Exam

Lab Report/Essay

Research Paper/Project/Portfolio Case Study

Oral Presentation/Performance

Other (Included in the description below)

**Required - Students will be able to interpret models and/or solve quantitative problems from different contexts with real world relevance.** Track the activities and assessments related to this specific component of the SLO, referencing any attached materials.

**Evidence of Student Engagement Assessment Type**

**Description**

**Required - Students will be able to create reasonable arguments supported by quantitative evidence (e.g., using words, tables, graphs, and/or mathematical equations).** Track the activities and assessments related to this specific component of the SLO, referencing any attached materials.

**Evidence of Student Engagement Assessment Types**

**Description**

**Required - Students will be able to communicate reasonable arguments supported by quantitative evidence (e.g., using words, tables, graphs, and/or mathematical equations).** Track the activities and assessments related to this specific component of the SLO, referencing any attached materials.

**Evidence of Student Engagement Assessment Types**

**Description**

**Optional - Students will be able to demonstrate a variety of mathematical principles and the methods of data analysis.** Track the activities and assessments related to this specific component of the SLO, referencing any attached materials.

**Evidence of Student Engagement Assessment Types**

**Description**

**Optional - Students will be able to students will apply or demonstrate the use of quantitative analyses in a variety of different contexts to construct explanations and/or solve problems.** Track the activities and assessments related to this specific component of the SLO, referencing any attached materials.

**Evidence of Student Engagement Assessment Types**

**Description**

### IMPACT REPORT

**Impacted Curriculum:** Indicate all current majors, programs, tracks, minors and/or courses for which this course change impacts the curriculum.

**Run an Impact Report: Click the ‘run impact report’ icon in the top left corner, choose the 2023-2024 Undergraduate & Graduate Catalog, click generate report, and paste the results in the field below.**

**If the report pulls no results, place 'N/A' in the field below.**

Changes to prefix, number and/or title will occur throughout the catalog/curriculum without further approval processes.

**Note**: Changes beyond course prefix, number and/or title require Change to Minor Proposals and/or Change to Major, Program or Track Proposals if the course is a

r equirement. Those proposals should be initiated by the department that houses the major or minor. Please communicate with the Department Chair of the need for additional proposals.

### Attachments and Acknowledgments

**Attached**

A detailed course syllabus that includes the Course SLOs, the General Education Designation, the General Education SLOs. At least two example assignments.

If applicable, detailed assessment tools, materials, and/or reports related to the Quantitative Analysis requirement.

If updates to this course will have an impact on another department, attach your communication with the department chair.

**Acknowledge\***

I understand that this course is subject to institution-wide general education assessment.