



AMERICAN UNIVERSITY

WASHINGTON, DC

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DEAN OF UNDERGRADUATE EDUCATION

To: Undergraduate Academic Advising Community
From: Bridget G. Trogden, Dean of Undergraduate Education & Academic Student Services
Cc: Office of the University Registrar *BGT*
Office of Undergraduate Admissions
Department of Mathematics and Statistics
Date: 06/23/2026
Re: Student Fulfillment of AU Core Quantitative Literacy I Requirement

I.) Overview and Summary

I am writing to provide a blanket memo regarding the fulfillment of the AU Core Quantitative Literacy I ("Q1") requirement for incoming Fall 2026 and Spring 2027 students who have Advanced Placement (AP), International Baccalaureate, CLEP subject examinations, or other American University-approved test credit (i.e.: undergraduate academic regulation 2.1.3) *and* who complete a new American University temporary 1 credit hour bridge course (MATH 296 or STAT 296) that covers the Q1 learning outcomes within their first 30 credit hours in-residence after matriculating.

II.) Eligibility and Temporary Regulation Waiver

Current undergraduate academic regulation 8.6 describes how AU students fulfill the Q1 requirement.

8.6. Quantitative Literacy I

8.6.1. Students may satisfy the Quantitative Literacy I (Q1) requirement through one of the following:

8.6.1.a. Completing an appropriately designated Quantitative Literacy I course with a grade of "C" or better.

8.6.1.b. Students with transfer credit may also satisfy the Quantitative Literacy I requirement by presenting 3 credit hours articulated as equivalent to a Quantitative Literacy I course from an institutionally accredited two or four year institution.

8.6.2. Degree-seeking students must satisfy the Quantitative Literacy I requirement within the first 30 credit hours earned in-residence after matriculating unless the associate dean responsible for the student's intended major approves satisfaction of the Quantitative Literacy I requirements within the first 45 credit hours earned in-residence.

With this memo, I am approving an additional avenue for students to complete the Q1 requirement. The combination of American University credit awarded for the exams in Table 1 and the completion of MATH 296: Calculus Workshop or STAT 296: Statistics Workshop as the bridge course will satisfy Q1.

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Table 1. Eligible exam credit					
Exam Provider	Exam	AU Course Equivalent	AU Course Equivalent Hours	AU Course Equivalent Title	Student is Eligible to Enroll In
The College Board (Advanced Placement)	AP Statistics	STAT 202X	4	Basic Statistics	STAT 296 (1 cr)
The College Board (Advanced Placement)	AP Calculus AB	MATH 221X	4	Calculus I	MATH 296 (1 cr)
The College Board (Advanced Placement)	AP Calculus AB Subscore	MATH 221X	4	Calculus I	
The College Board (Advanced Placement)	AP Calculus BC	MATH 2XX	4	200-level Subject Credit	
The College Board (CLEP)	CLEP Calculus	MATH 221X	4	Calculus I	
International Baccalaureate	Mathematics: Analysis and Approaches - Higher Level	MATH 221X	4	Calculus I	
International Baccalaureate	Mathematics: Applications and Interpretation - Higher Level	MATH-221X	4	Calculus I	
Cambridge International Education	Mathematics - 9709 Mathematics	MATH 211X	3	Applied Calculus	
Cambridge International Education	Mathematics - Further - 9231 Mathematics	MATH 221X	4	Calculus I	
Caribbean Advanced Proficiency Exam (CAPE)	CAPE Mathematics	MATH 221X	4	Calculus I	

Students with exam equivalent for Pre-Calculus (MATH 160 or 170) are not eligible.

The 1-credit Q1 bridge course is designed to use a seminar-style format with small sections that emphasize the conceptual understanding, application, integration, and transfer of quantitative reasoning skills. Structured as a 5-week in-class experience within the regular fall or spring semester terms, the bridge course is intended to validate students' achievement of Q1 learning outcomes. Specifically, students will build on concepts from introductory calculus or statistics to solve quantitative problems that require approaches that go beyond memorized procedures.

This one-year plan has the approval of the AU Core Quantitative Literacy committee (via Chair Dr. Alex Godwin) and of AU Core Faculty Chair Dr. Martyn Oliver. AU Core, the Department of Mathematics and Statistics, Undergraduate Curriculum Committee, and the Office of Undergraduate Education & Academic Student Services (UEAS) will work to make the change permanent with *The American University Catalog* in 2027.

III.) Advising and Registration

While this memo covers the Q1 requirement, many degree plans require specific mathematics or statistics courses. (Examples: If a student has exam credit for MATH 221X but is following a degree plan that requires STAT 202, they should enroll in STAT 202 to fulfill Q1 and degree requirements. If a student has exam credit for MATH 221X but is following a degree plan that requires Calculus II, they should enroll in MATH 222 to fulfill Q1 and degree requirements.) Such students must take the given course(s) in their degree plans but are not prohibited from also taking the bridge course if eligible.

Advising and registration meetings with students should enable identification of the eligible student population and explanation of the MATH 296/STAT 296 enrollment options for completion of Q1. Websites and other registration materials should be updated to direct students with exam credit according to Table 1 to discuss options for appropriate MATH 296/STAT 296 enrollment with their academic advisors.

Eagle Service will show the exact meeting dates and times. Students will use the typical registration process for the appropriate section of MATH 296 or STAT 296 based upon their exam credits from Table 1. As of this writing, sections of MATH 296 are and will be scheduled for Fall 2026 and sections of STAT 296 will be scheduled for Spring 2027.

Once both the qualifying exam credit and the bridge course grade of C or better appear on the student's record, the student will have satisfied Q1 under the waiver and the degree audit will be updated.