**Procedures for Requesting Course Approval as a FQR or AQR Course**

**If your course is new and needs Curriculum Committee Approval:**

Instructors must upload their course proposals in the Curriculog system (accessed via the Registrar’s web page) by September 15 for spring term approval and December 15 for fall term approval. Once inside the system, choose to add the AQR or FQR Proposal Form, as appropriate. In addition to filling out all required fields, you will be asked to upload your syllabus. Please note that your course syllabus must integrate the FQR or AQR learning goals with your own learning goals. Please launch and approve your proposal, which submits your course to the Quantitative Reasoning Director for review before moving to the Curriculum Committee for review. At any stage you may be asked for further inclusions or clarifications. Once a course is certified as an FQR or AQR course, the course will be reviewed by the QR review team within 5 years of approval or at the discretion of the QR Director.

**If your course is already approved by Curriculum Committee and you seek FQR or AQR approval (regardless of whether or not your course was previously a QR2 course):**

Instructors teaching a special topics class or a course already approved by the Curriculum Committee do not need to upload their course proposal through the Curriculog system. Instead instructors need to submit the FQR or AQR Proposal form and their syllabus to the director of Quantitative Reasoning. Please note that your course syllabus must integrate the FQR or AQR learning goals with your own learning goals. The deadline for submission this academic year is March 9. You may be asked for further inclusions or clarifications. Once a course is certified as an FQR or AQR course, the course will be reviewed by the QR review team within 5 years of approval or at the discretion of the QR Director.

**FQR Learning Goals:**

Upon completing the FQR requirement successfully, students will be able to do each of the following:

* Perform mathematical calculations involving estimation, basic formulas, units, percentages, fractions, statistics, probability, and geometry;
* Formulate and apply basic algebra skills;
* Understand, interpret, and apply mathematical concepts and calculations in his/her daily life;
* Effectively communicate and discuss mathematical concepts and results both orally and in writing; and
* Appreciate the power and utility of quantitative reasoning.

**AQR Learning Goals:**

Upon completing the AQR requirement successfully, students will be able to do each of the following:

* Use statistical and/or mathematical models to characterize empirical data;
* Understand, model, and predict the behavior of populations or systems;
* Interpret and communicate results orally and/or in writing; and
* Use quantitative reasoning for informed decision-making.