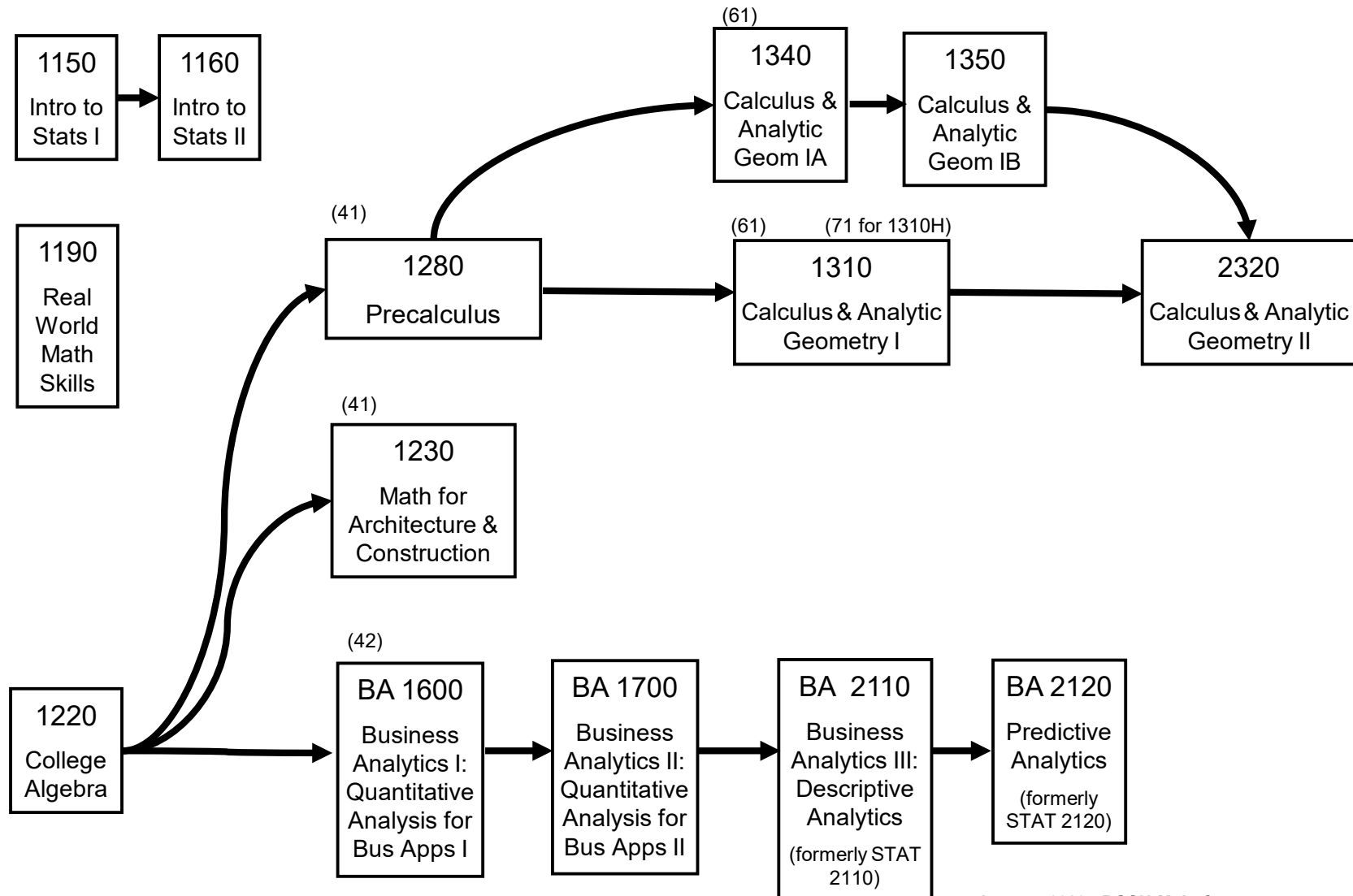


Basic Math Course Map through Algebra and Calculus

This map shows the most common and recommended transitions between courses. A grade of “C” or higher (or “S”) is required to move from one course to the next.

Students will start at different places and end in different places in the map depending on their college and intended major. Minimum placement codes are indicated in parentheses at the upper left of each box, where applicable. See <http://www.bgsu.edu/arts-and-sciences/mathematics-and-statistics/general-math-course-info/explanation-of-placement-codes.html> for additional information about placement codes.



January 2020. BGSU Main Campus.

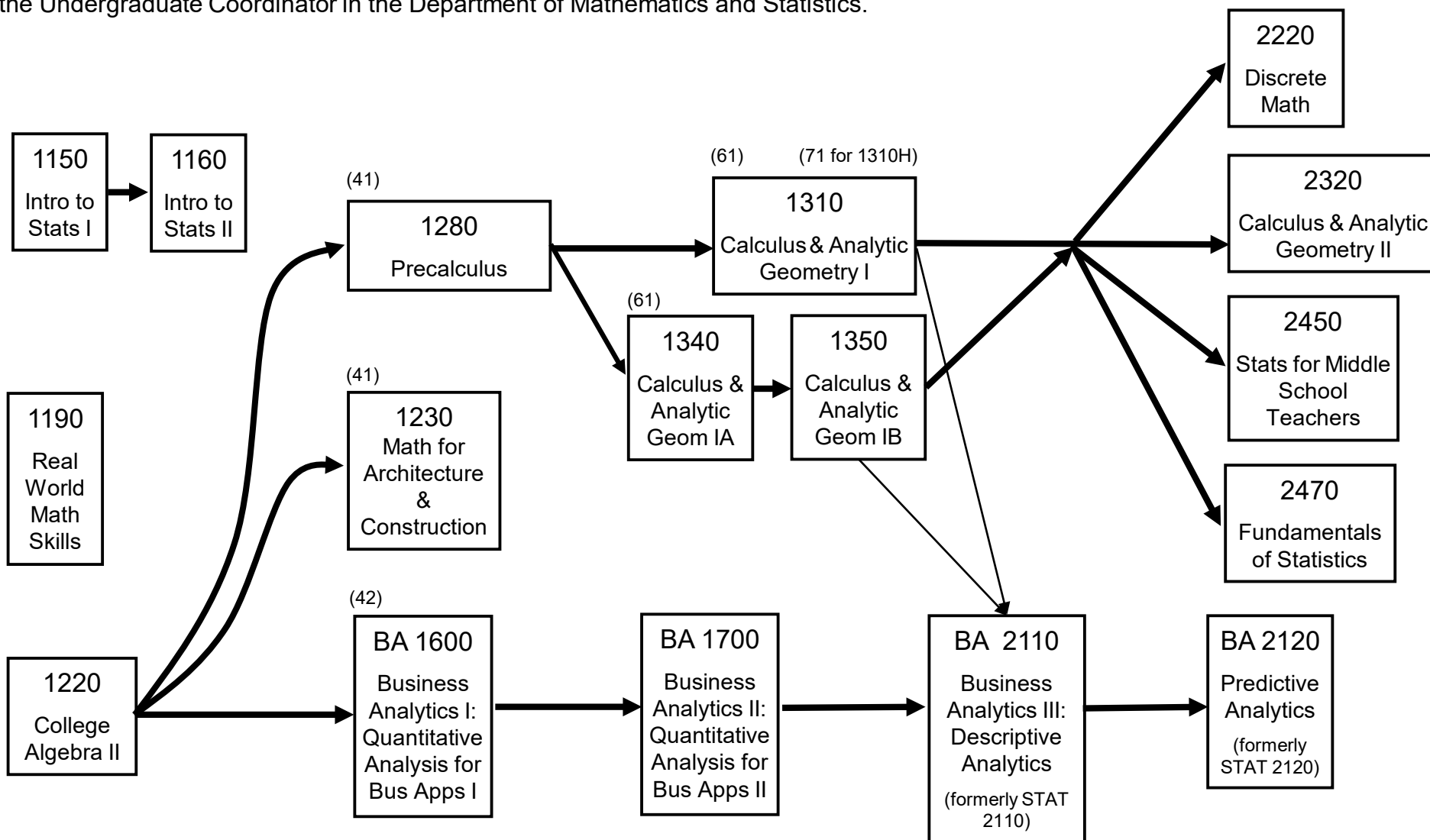
Contact Amber Snyder, amber@bgsu.edu

Full Math Course Map through Algebra and Calculus

This displays the prerequisite structure listed in the Undergraduate Catalog.

See <http://www.bgsu.edu/catalog.html> for the current catalog.

Students who have taken BA 1600 and BA 1700 and want to get to Math 2320 should consult with the Undergraduate Coordinator in the Department of Mathematics and Statistics.



Math Course Map for Middle Childhood Mathematics Specialization

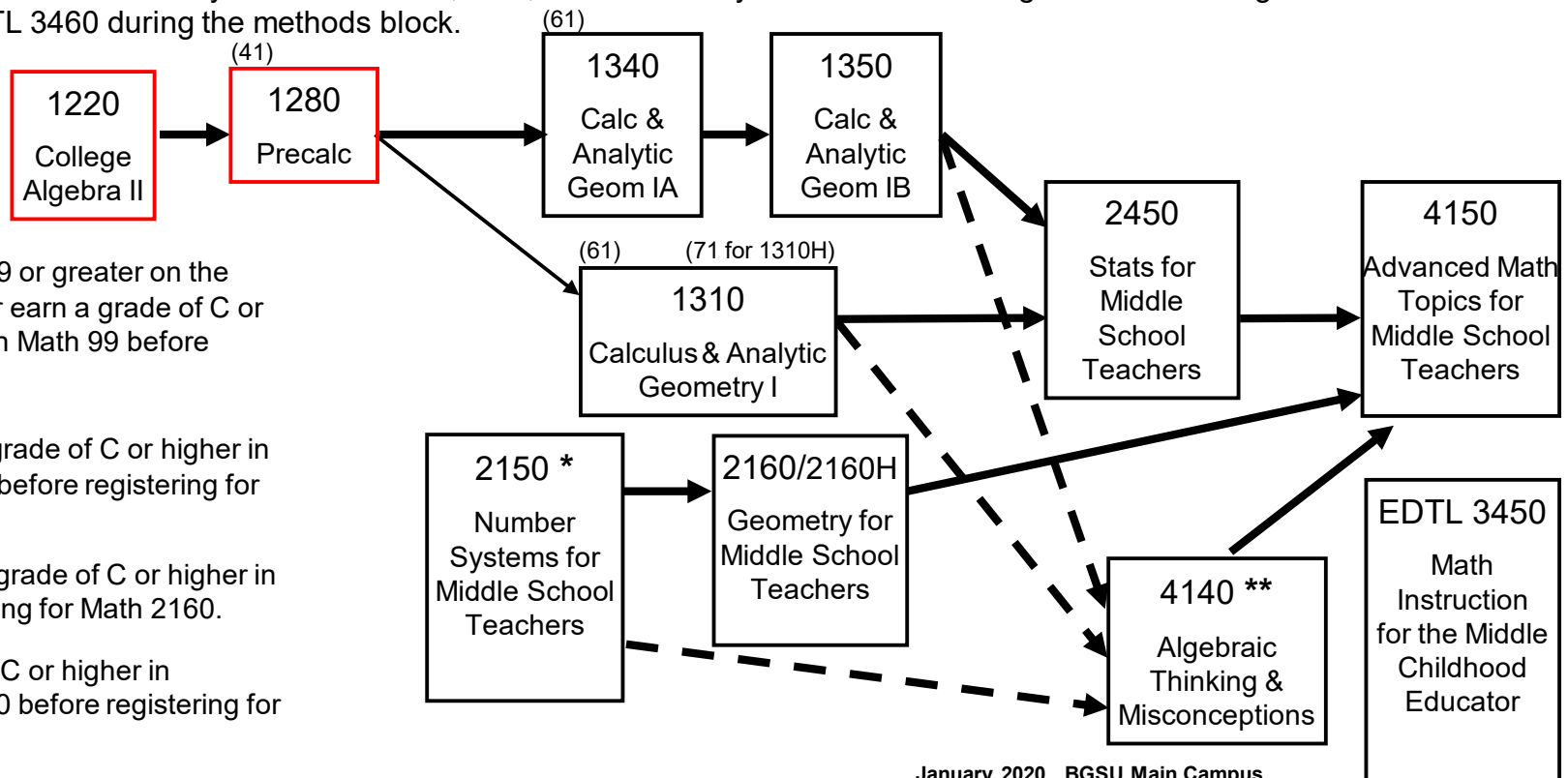
This shows the most common and recommended transitions between courses. A grade of “C” or higher (or “S”) is required to move from one course to the next. Students will start at different places in the map, based on their individual math placement.

Minimum placement codes are indicated in parentheses at the upper left of each box. See <http://www.bgsu.edu/arts-and-sciences/mathematics-and-statistics/general-math-course-info/explanation-of-placement-codes.html> for additional information about placement codes.

Courses outlined in red (Math 1220, and 1280) do not satisfy requirements for the middle childhood degree, but will be necessary for students who need to prepare for Math 1310 or Math 1340. Students must take either Math 1310 or both Math 1340 and 1350. We recommend that students take Math 1340 and 1350 instead of 1310.

Note that Math 2150, 2160, 2450, **and** 4140 must be passed with a C or higher before taking Math 4150. Plan to take Math 4150 before the Methods block, knowing that Math 4150 is only offered in the Fall semester. Math 2470 (Fundamentals of Statistics) or 3410 (Principles of Probability and Statistics) can substitute for Math 2450.

EDTL 3450 counts as three of the 23 hours for the Mathematics Specialization. Ordinarily, this course is taken in the junior year and must be taken prior to methods. It may be taken before, after, or concurrently with Math 4150. A grade of "C" or higher in EDTL 3450 is required to take EDTL 3460 during the methods block.



* Students must have a 19 or greater on the Math portion of the ACT or earn a grade of C or higher in Math 1220 or S in Math 99 before registering for Math 2150.

** Students must earn a grade of C or higher in Math 1310, 1350, or 2150 before registering for Math 4140.

*** Students must earn a grade of C or higher in Math 2150 before registering for Math 2160.

**** Students must earn a C or higher in Math 2160, 2450, and 4140 before registering for Math 4150.