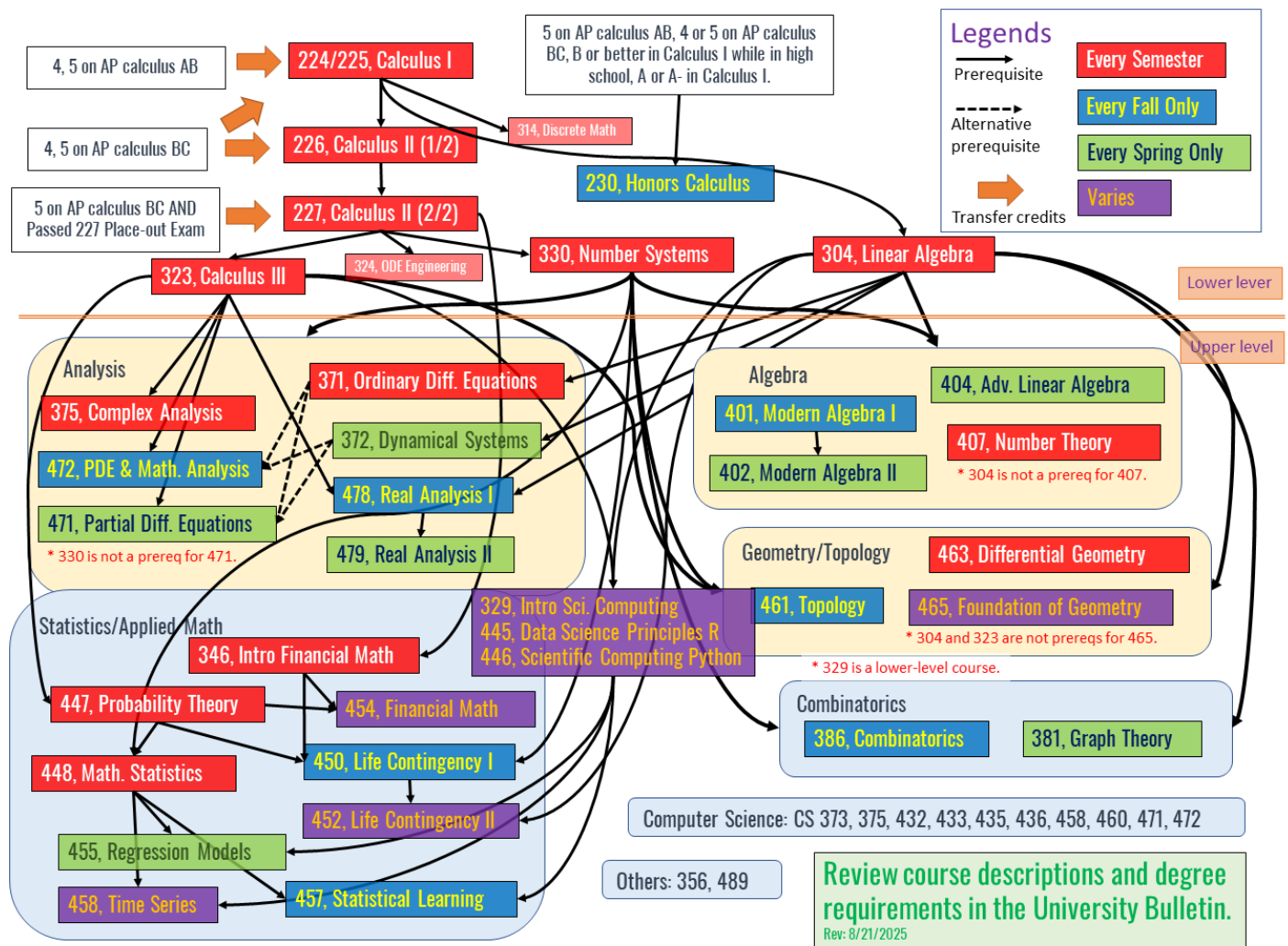
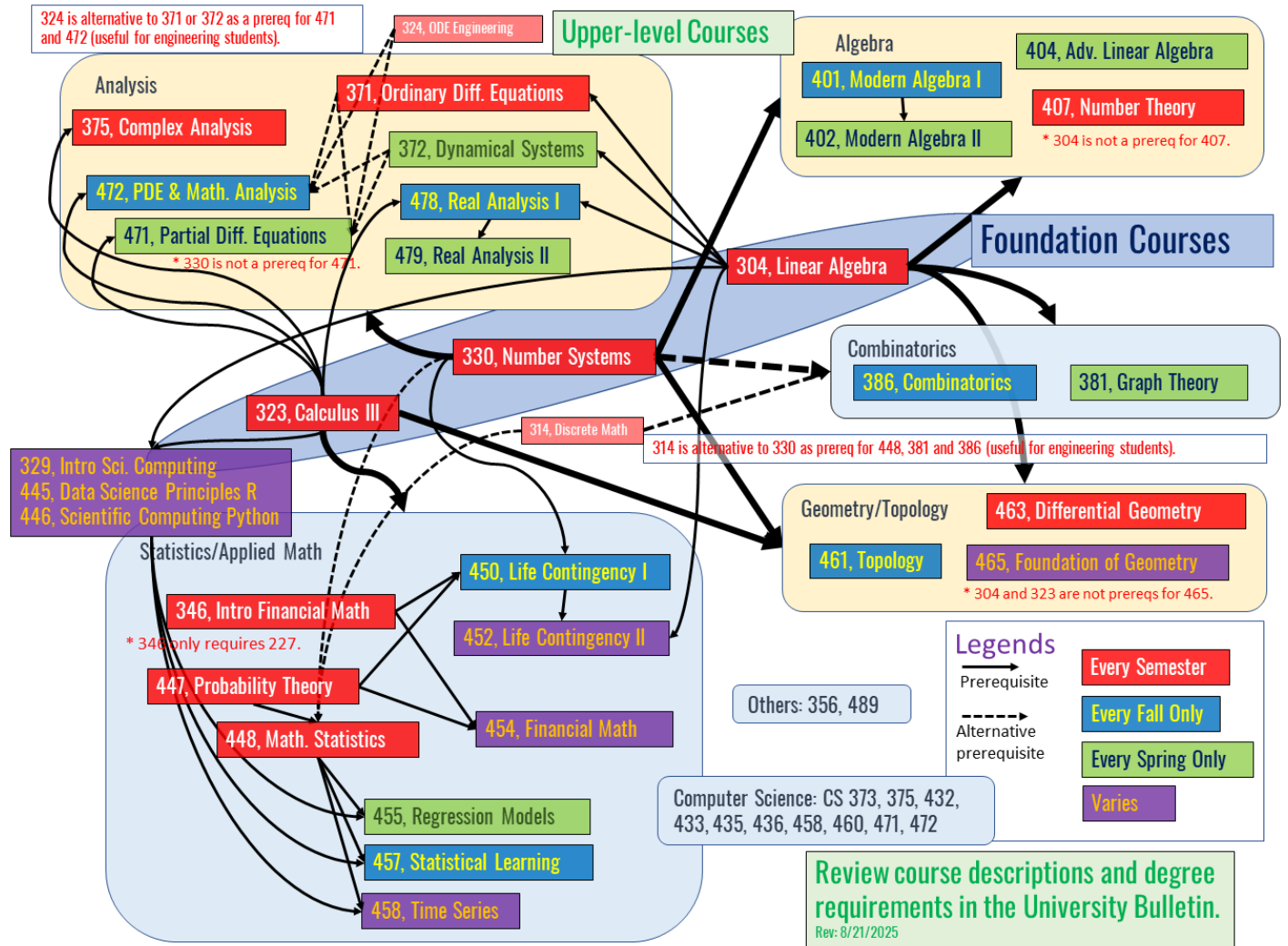


Infographics demonstrating the prerequisite dependencies between courses and semester

Below is an overview of undergraduate courses in the math department, excluding some non-major courses. It shows the prerequisite dependency between courses. Please refer to the University Bulletin for the exact requirements for the degree.



Below is a zoom-in view of the above infographic, focusing on the upper-level courses.



Below are some tips for math majors.

For all majors:

- Finish 330 as soon as possible, no later than by the end of the fourth semester, preferably the third semester.
- Finish 304, 323 and 330 before advancing to upper-level courses, defined as MATH course above 330.
- For all courses, grade of C or better is required to count towards the major and as a prerequisite.
- If you did not get C or better in a required course twice, you will be automatically dropped from the major.
- Prerequisite requirements are strictly enforced. You will be automatically dropped from a course if you did not get C or better in the prerequisite course.
- Meet with your assigned faculty advisor.
- Plan to take 2 math courses per semester on average.
- Make a contingency plan – what if you flunk a class?

For BA Math Track majors.

1. Finish the five lower-level courses.
2. Take one course from each of analysis, algebra, and geometry/ topology (the light yellow boxes).
3. Take two more upper-level courses, as long as the two are NOT BOTH from the SAME light yellow box.
4. Within the five upper-level courses above, make sure that there exist a pair of courses from a pre-defined list shown in the University Bulletin.

For Actuarial majors:

- Take 346, 447 and 448 as soon as possible since they are prerequisites for many electives.
- It is too late to take 448 in the senior year.
- Take the School of Management VEE courses if you could, but they are not required.

For Statistics majors:

- Take 447, 448 and 329 as soon as possible. It is too late to take them in the senior year.

Transfer Courses

- Seek pre-approval from the Director of Undergraduate Studies before registering courses outside of Binghamton, even if they appear on the transfer equivalency table.
- Asynchronous online courses are not transferred.
- Courses from a foreign country, especially summer/winter ones, are generally not transferred.
- Upper-level courses are rarely transferred.

Download

the original PDF file for the above infographics.

Please note that these tools cannot serve as an alternative to the University Bulletin and a faculty advisor.

From:

<http://www2.math.binghamton.edu/> - **Department of Mathematics and Statistics, Binghamton University**

Permanent link:

<http://www2.math.binghamton.edu/p/ug/advising-resources>

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