



## Steps For Determining a UofL Student's Initial Mathematics Placement – Fall 2010

- 1. Determine the proper Mathematics course for the student's major.** All undergraduate degrees at UofL include a course satisfying the Mathematics General Education requirement, but different degrees use different courses to meet this requirement.
- Most science degrees (Chemistry, Physics, Mathematics, BS in Biology or Psychology), the B. A. in Economics, and all degrees in Engineering require Calculus I (Math 205 or ENGR 101).
  - Degrees in Business and the B.A. in Biology require Math 180 Elements of Calculus or Math 205 Calculus I.
  - Degrees in Nursing require Mathematics 111 College Algebra.
  - The B.S. in Political Science requires Math 107 Finite Math or Math 180 Elements of Calculus.
  - The B.S. in Early Elementary Education requires Mathematics 151 and 152; the second course satisfies the Math General Education requirement.
  - Other degrees allow students to fulfill the Gen. Ed. requirement with Mathematics 105. These include:
    - All degrees in the Humanities division of A&S, or in the School of Music,
    - All degrees in the College of Education and Human Development other than the BS programs leading to teacher certification (contact CEHD Advising, 852-5597, for these),
    - All degrees in the Social Sciences division of A&S other than those listed in A. or C.
- Some students seeking these degrees may qualify for and are encouraged to take a more challenging course.*
- G. Undecided students who are confident their degree will be in an area listed in E may use Math 105. Other undecided students should use Math 111 or higher to preserve their options.

**Note:** Successful completion of Math 105 does not qualify a student for a higher numbered course.

- 2. Use the chart below to see whether the student's ACT or SAT I Math Subscore is sufficient for placement in the proper Mathematics course.** If it is, the student may enroll in the desired course.

Mathematics Course	Math Subscore Needed for Initial Placement	
	ACT	SAT I
Math 105 <b>Supplemented Section</b> (Fall Semester only; 40, 41)*	19	460 - 470
Math 105 (Regular Sections: 01, 02, 75)*	20 - 36	480 - 800
Math 111 <b>Supplemented Sections</b> (40-49, 60-62)*	21 - 22	500 - 530
Math 151	21 - 36	500 - 800
Math 107, 109, 111 (Regular Sections: 01-04,75)*, 112	23 - 36	540 - 800
Math 180 or 190	25 - 36	580 - 800
Math 205	27 - 36	610 - 800

\*not all sections will be offered each term

**Note:** Supplemented Sections of Math 105 and Math 111 meet Monday through Thursday and require an attendance contract signed during the first class. These sections carry the same tuition and credit as a regular section.

- 3. Students whose Math Subscore is not sufficient for the proper course should take a placement exam:**

- Students with ACT Math Subscore of 0–18 (SAT I 200–450) **MUST** take the COMPASS exam. This exam will place the student in MT 055, 065 or 080, or a credit-bearing Mathematics course.
- Students with Math ACT Subscore at least 19 (SAT I at least 460) but less than what is required for their desired course should take the Mathematics Placement Exam. However:
  - Students with an ACT Math Subscore of 25-26 (SAT of 580 – 600) who need Math 205 may take the COMPASS Calculus Readiness Test, or take the prerequisite Math 190, or the CLEP Precalculus exam.
  - Engineering Students with ACT Math Subscore of at least 24 (SAT I of at least 560) do not take the Mathematics Placement Exam.

- 4. If neither the ACT Math Subscore nor the Math Placement/COMPASS Exam score qualify the student for the course identified in Step 1, the student should enroll in a prerequisite for the desired course as shown on the Chart of Prerequisites for First Year Mathematics Courses.**