

Content (Subject Area) Requirements Co-Requisites

There are several different plans approved by the state of Florida to meet wither the science or mathematics content course requirements. Each T-MAST student must meet one of the following plans:

■ Middle Grades Science

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in general science or middle grades general science, or
- Plan Two. A bachelor's or higher degree with eighteen (18) semester hours in science to include credit in the areas specified below:
 - Biological science,
 - Chemistry or physics and,
 - Earth-space science or earth science.

■ Middle Grades Mathematics

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in mathematics or middle grades mathematics, or
- Plan Two. A bachelor's or higher degree with eighteen (18) semester hours in mathematics to include credit in the areas specified below:
 - Calculus, pre-calculus, or trigonometry,
 - Geometry, and
 - Probability or statistics.
 - Math (6-12)

■ Biology

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in biology, or
- Plan Two. A bachelor's or higher degree with thirty (30) semester hours in science, to include twenty-one (21) semester hours in biological science with associated laboratory experiences, or
- Plan Three. A bachelor's or higher degree with specialization requirements completed for chemistry, earth-space science, or physics and eighteen (18) semester hours in biological science.

■ Chemistry

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in chemistry, or
- Plan Two. A bachelor's or higher degree with thirty (30) semester hours in science to include twenty-one (21) semester hours in chemistry with associated laboratory experiences, or
- Plan Three. A bachelor's or higher degree with specialization requirements completed for biology, earth-space science, or physics and eighteen (18) semester hours in chemistry.

■ Physics

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in physics, or
- Plan Two. A bachelor's or higher degree with thirty (30) semester hours to include twenty-one (21) semester hours in physics with associated laboratory experiences, or
- Plan Three. A bachelor's or higher degree with specialization requirements completed for biology, chemistry, or earth-space science and eighteen (18) semester hours in physics.

■ Chemistry

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in physics, or
- Plan Two. A bachelor's or higher degree with thirty (30) semester hours to include twenty-one (21) semester hours in physics with associated laboratory experiences, or
- Plan Three. A bachelor's or higher degree with specialization requirements completed for biology, chemistry, or earth-space science and eighteen (18) semester hours in physics.

■ Math (6-12)

- Plan One. A bachelor's or higher degree with an undergraduate or graduate major in mathematics, or
- Plan Two. A bachelor's or higher degree with thirty (30) semester hours in mathematics to include the areas specified below:
 - (a) Six (6) semester hours in calculus,
 - (b) Credit in geometry,
 - (c) Credit in probability or statistics, and
 - (d) Credit in abstract or linear algebra,
- Plan Three. A bachelor's or higher degree with specialization requirements completed for physics and twenty-one (21) semester hours in mathematics to include the areas specified below:
 - (a) Six (6) semester hours in calculus,
 - (b) Credit in geometry,
 - (c) Credit in probability or statistics, and
 - (d) Credit in abstract or linear algebra.