High School Math/Diploma Requirements for Indiana Universities

- **Indiana University**

  7 credits (semesters) of mathematics, including 4 credits of algebra and 2 credits of geometry (or an equivalent 6 credits of integrated algebra and geometry) and 1 credit of pre-calculus, trigonometry, or calculus.

- **Purdue University**

  **Courses Purdue Accepts for the High School Math Requirement**
  Below are the courses Purdue can and cannot accept toward the admission requirement of 8 semesters (four years) of high school math.

  Advanced Modeling and Analysis
  Algebra I
  Algebra IIG
  Algebra II
  Calculus
  Discrete Math
  Finite Math
  Foundations of Algebra/Geometry
  Geometry
  Informal Geometry (not accepted if followed by geometry)
  Integrated Math
  Math Analysis
  Pre-Calculus
  Probability & Statistics
  Senior Math
  Sequential Math
  Trigonometry
  Unified Math

  **Courses Purdue Does Not Accept for the High School Math Requirement**
  Business Math
  Computer Math
  General Math

- **IUPUC/IUPUI**

  Core 40 minimum requirement
  Four semesters of algebra
  Two semesters of geometry

- **Ivy Tech**

  You must have graduated with a Core 40, Technical Honors, or Academic Honors diploma or equivalent.

- **Indiana State University**

  Completion of the Indiana Core 40 high school curriculum (or equivalent for non-Indiana graduates) with a grade point of 2.5 on a 4.0 scale

- **Ball State University**

  three years of college preparatory mathematics (Algebra I, Algebra II, and geometry)

- **Evansville University**

  Algebra - two years
  Geometry - one year

- **University of Indianapolis**

  In general, full-time applicants should complete a college preparatory curriculum (such as a Core 40 or Academic Honors in Indiana) and satisfactorily complete 15 to 20 units from the following subject areas. A unit is defined as one year of work in a subject.
  - English and literature (not including speech)
  - History
  - Foreign language
  - Mathematics (algebra, geometry, trigonometry, calculus, or other similar college preparatory courses)
  - Laboratory science (biology, advanced biology, chemistry, advanced chemistry, anatomy and physiology, etc.)
  - Social studies (sociology, psychology, economics, and government)