

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 IG

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)