Advance your mathematics skills; set yourself up for success.

As a student in the BS in Applied Statistics, you learn to solve problems in calculus, linear algebra, and calculus-based probability. You study differentiation, integration, infinite series, properties of univariate and multivariate random variables, and discrete and continuous distributions.

You also study:
- Statistical methods and theory
- Design of studies and exploratory data analysis
- Statistical modeling and computation
- Data analytics communication

**Representative Courses**
- Calculus I, II, and III
- Linear Algebra
- Mathematical Modeling and Application I and II

**Career Outcomes**
Your IU Online BS in Applied Statistics prepares you for such careers as:
- Statistician
- Medical researcher and analyst
- Industrial data analyst
- Market research or business analyst
- Financial manager/analyst or managing consultant

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**Course Delivery**
100% Online

**Total Credit Hours**
120

**In-State Tuition Per Credit Hour**
$250.00

**Out-of-State Tuition Per Credit Hour**
$350.00

**Degree Requirements**
To earn the degree, you must complete a minimum of 120 credit hours, including:
- **Mathematics core** (22 credit hours)
- **Statistics and probability core** (24 credit hours)
- **Programming core** (3 credit hours)
- **Upper-level statistics electives** (12 credit hours)
- **General education courses**, as needed to fulfill the 120 credit hour requirement

**Transfer Credits**
You can transfer up to 64 credits from a regionally accredited community college or 90 credit hours from an accredited four-year university or college.

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