Bachelor in Statistics - Minor in Faith-Based Research and Policy Analysis
HBI University
Course Duration: 3 years
Credit Hours: 135 (including minor)

Program Description

The Bachelor in Statistics at HBI University provides students with a strong foundation in data analysis, probability, and quantitative research methods. This program equips students with the ability to interpret data, apply statistical models, and make evidence-based decisions in various industries, including finance, healthcare, and social sciences.

The Minor in Faith-Based Research and Policy Analysis enhances this degree by integrating ethical perspectives and faith-driven methodologies into data analysis. Students will explore how statistical research can inform faith-based decision-making, nonprofit strategy, and public policy advocacy.

Admissions Requirements

- High school diploma or equivalent
- Minimum GPA of 2.5
- Personal statement outlining career goals and interest in statistics
- Two letters of recommendation
- Resume (if applicable)
- SAT/ACT scores (if applicable)

General Education Courses (30 Credit Hours)

Course Code	Course Name	Credit Hours
GEN 101	English Composition I	3
GEN 102	English Composition II	3
GEN 103	College Algebra	3
GEN 104	Introduction to Philosophy	3
GEN 105	Introduction to World Religions	3
GEN 106	Public Speaking and Communication	3
GEN 107	Ethics and Critical Thinking	3
GEN 108	Research Methods	3
GEN 109	Leadership and Team Development	3
GEN 110	Cross-Cultural Communication	3

Core Statistics Courses (45 Credit Hours)

Course Code	Course Name	Credit Hours
STA 201	Introduction to Statistics	3
STA 202	Probability Theory	3
STA 203	Statistical Computing and Data Visualization	3
STA 204	Regression Analysis and Modeling	3
STA 205	Experimental Design and Analysis	3
STA 206	Bayesian Statistics and Decision Theory	3
STA 207	Multivariate Statistical Analysis	3
STA 208	Time Series and Forecasting	3
STA 209	Survey Methods and Sampling Techniques	3
STA 210	Biostatistics and Public Health Research	3
STA 211	Econometrics and Statistical Finance	3
STA 212	Big Data and Machine Learning Applications	3
STA 213	Ethical Issues in Data Science	3
STA 214	Statistical Consulting and Communication	3
STA 215	Capstone: Applied Statistical Research Project	3

Elective Courses (15 Credit Hours)

Course Code	Course Name	Credit Hours
ELEC 301	Applied Statistics in Biblical and Theological Research	3
ELEC 302	Statistical Modeling for Humanitarian and Social Work	3
ELEC 303	AI, Data Ethics, and Christian Perspectives	3
ELEC 304	Research in Faith-Based Economic and Social Development	3
ELEC 305	Community-Based Policy Research and Faith Initiatives	3

Minor in Faith-Based Research and Policy Analysis (15 Credit Hours)

Course Code	Course Name	Credit Hours
FRP 401	Faith-Based Research Methods and Ethics	3
FRP 402	Statistics for Nonprofits and Faith-Based Organizations	3
FRP 403	Policy Analysis and Faith-Based Decision Making	3
FRP 404	Data-Driven Social Impact Strategies	3
FRP 405	Faith-Based Research and Public Policy Advocacy	3

Capstone Project (15 Credit Hours)

The capstone project in Statistics allows students to apply statistical methodologies and faith-based policy analysis to real-world problems. Students will:

- Conduct research on data-driven strategies for nonprofit and faith-based organizations.
- Develop predictive models to analyze the impact of social policies on religious communities.
- Create an evidence-based report to support faith-based advocacy and policy reform.
- Present their findings through a research paper and policy analysis report.

Program Outcomes

Graduates of this program will:

- Master statistical modeling, data analysis, and research methodologies.

- Integrate faith-based perspectives into data-driven decision-making.
- Utilize statistical methods to analyze social issues and policy effectiveness.
- Develop research-based solutions for faith-based and nonprofit organizations.
- Lead statistical consulting and policy analysis projects in both secular and faith-based contexts.

Career Outcomes and Potential Pay Scale

Career Path	**Average Salary (Annual)**
Data Analyst	$70,000 - $130,000
Faith-Based Policy Analyst	$55,000 - $110,000
Nonprofit Research Specialist	$50,000 - $105,000
Statistical Consultant	$60,000 - $120,000
Social Impact Data Scientist	$75,000 - $140,000