

Associate in Artificial Intelligence

Specialization in Faith-Based Ethics and AI for Social Good

HBI University

Course Duration: 2 years

Credit Hours: 75 hours (including 15 minor credit hours)

Program Description

The Associate in Artificial Intelligence program with a Specialization in Faith-Based Ethics and AI for Social Good equips students with foundational knowledge in machine learning, data modeling, and algorithm design while emphasizing Christian ethics and service-driven innovation. This program empowers students to explore how AI can be developed and applied in ways that reflect compassion, justice, and biblical principles.

Students will study core AI technologies and real-world applications for social impact, such as healthcare, education, community development, and ministry enhancement. The faith-based component encourages reflection on responsible AI use and human dignity in the age of automation.

Graduates may pursue roles in AI support, ethical tech consulting, faith-based innovation ministries, or continue on to advanced study in AI, computer science, or theology and technology.

General Education Courses (15 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 Psychology | 3 |
| GEN 105 | Introduction to Sociology | 3 |

Core Artificial Intelligence Courses (30 Credit Hours)

| Course Code | Course Name | Credit Hours |
|-------------|---|--------------|
| AIF 201 | Introduction to Artificial Intelligence | 3 |

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| AIF 202 | Machine Learning Fundamentals | 3 |
| AIF 203 | Data Science and Algorithms | 3 |
| AIF 204 | Neural Networks and Deep Learning | 3 |
| AIF 205 | Natural Language Processing | 3 |
| AIF 206 | Robotics and Autonomous Systems | 3 |
| AIF 207 | AI and Human Interaction | 3 |
| AIF 208 | Programming for AI (Python, TensorFlow) | 3 |
| AIF 209 | AI in Society: Justice, Equity & Access | 3 |
| AIF 210 | AI Capstone Project | 3 |

Elective Courses (15 Credit Hours)

| Course Code | Course Name | Credit Hours |
|-------------|---|--------------|
| AIF 301 | Faith-Based Innovation and Technology | 3 |
| AIF 302 | Christian Ethics in Emerging Technologies | 3 |
| AIF 303 | AI for Ministry, Missions, and Media | 3 |
| AIF 304 | AI in Healthcare and Community Development | 3 |
| AIF 305 | Applied AI for Nonprofits and Social Enterprises | 3 |

Minor in Faith-Based Ethics and AI for Social Good (15 Credit Hours)

| Course Code | Course Name | Credit Hours |
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| FAI 401 | Biblical Foundations of Wisdom and Technology | 3 |
| FAI 402 | Theology of Work, Automation, and Purpose | 3 |
| FAI 403 | Designing AI with Christian Values | 3 |
| FAI 404 | Stewardship and Justice in the Digital Age | 3 |
| FAI 405 | Faith-Based Leadership in Technology and Ethics | 3 |

Capstone Project (3 Credit Hours)

The Capstone in Faith-Based Ethics and AI for Social Good invites students to design a responsible AI solution or outreach initiative for a real-world social challenge. Example projects include:

- Developing a chatbot for ministry communication or mental health support.
- Creating a prototype that uses AI to support underserved populations.
- Building an ethics toolkit for Christian tech startups.

Program Outcomes

Graduates of this program will:

- Demonstrate knowledge of AI technologies and their applications.
- Evaluate ethical implications of AI from a biblical perspective.
- Apply AI to ministry, outreach, and social justice challenges.
- Communicate clearly with diverse teams about faith and technology.
- Pursue careers or further study in AI, ethics, or digital ministry.

Career Outcomes and Potential Pay Scale

| Career Path | Average Salary (Annual) |
|---------------------------------------|-------------------------|
| AI Technician or Analyst | \$48,000 - \$65,000 |
| Ethical Tech Specialist (Faith-Based) | \$47,000 - \$64,000 |
| Ministry Tech Coordinator (AI Focus) | \$45,000 - \$62,000 |

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| AI and Social Good Project Assistant | \$46,000 - \$63,000 |
| Tech Ethics Program Assistant (Nonprofit/Church) | \$44,000 - \$60,000 |