

## **Bachelor of Health Informatics, Minor in Spirituality and Healthcare Technology**

HBI University

Course Duration: 4 years

Credit Hours: 135



### **Program Description**

The Bachelor of Health Informatics, Minor in Spirituality and Healthcare Technology at HBIU University prepares students for careers at the intersection of healthcare technology, data management, and spiritual care. This program provides students with a solid foundation in health informatics, focusing on data management, healthcare IT systems, and electronic health records (EHRs) while integrating spirituality into healthcare delivery. Students will explore the role of technology in healthcare systems, while learning how to incorporate spiritual care into health informatics practices.

The Minor in Spirituality and Healthcare Technology provides students with the tools to develop and manage healthcare systems that address the physical, emotional, and spiritual needs of individuals. Students will study the integration of health information systems with spiritual care frameworks to ensure holistic healthcare delivery in both secular and faith-based healthcare organizations. Graduates will be well-prepared to work in healthcare IT, health informatics, and spiritual health organizations, focusing on optimizing healthcare delivery and promoting spiritual well-being.

This program equips students with the ability to utilize technology in managing healthcare data while ensuring that spiritual care and faith-based principles are applied in healthcare systems.

### **Admissions Requirements**

- High school diploma or equivalent
- Minimum GPA of 2.5
- Personal statement outlining career goals in health informatics and spirituality in healthcare
- 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 Psychology          | 3            |
| GEN 105     | Introduction to Theology            | 3            |
| GEN 106     | Public Speaking and Communication   | 3            |
| GEN 107     | Research Methods in Social Sciences | 3            |
| GEN 108     | Ethics and Moral Reasoning          | 3            |
| GEN 109     | Leadership and Team Development     | 3            |
| GEN 110     | Introduction to Sociology           | 3            |

## Core Health Informatics Courses (45 Credit Hours)

| Course Code | Course Name                                | Credit Hours |
|-------------|--------------------------------------------|--------------|
| HI 201      | Introduction to Health Informatics         | 3            |
| HI 202      | Healthcare Information Systems             | 3            |
| HI 203      | Electronic Health Records (EHRs)           | 3            |
| HI 204      | Healthcare Data Analytics                  | 3            |
| HI 205      | Health Information Privacy and Security    | 3            |
| HI 206      | Database Management in Healthcare          | 3            |
| HI 207      | Telemedicine and E-Health                  | 3            |
| HI 208      | Health Technology Integration              | 3            |
| HI 209      | Healthcare Systems Design                  | 3            |
| HI 210      | Health IT Project Management               | 3            |
| HI 211      | Health Data Standards and Interoperability | 3            |
| HI 212      | Healthcare Technology Innovation           | 3            |
| HI 213      | Biostatistics and Healthcare Data          | 3            |
| HI 214      | Health Informatics Internship              | 3            |
| HI 215      | Health Informatics Ethics                  | 3            |

## Elective Courses (15 Credit Hours)

| Course Code | Course Name                           | Credit Hours |
|-------------|---------------------------------------|--------------|
| HI 301      | Advanced Health Data Analytics        | 3            |
| HI 302      | Healthcare Robotics                   | 3            |
| HI 303      | Artificial Intelligence in Healthcare | 3            |
| HI 304      | Digital Health Platforms              | 3            |
| HI 305      | Healthcare Mobile Apps and Systems    | 3            |

## Minor in Spirituality and Healthcare Technology (15 Credit Hours)

| Course Code | Course Name                                     | Credit Hours |
|-------------|-------------------------------------------------|--------------|
| SH 401      | Introduction to Spirituality in Healthcare      | 3            |
| SH 402      | Faith-Based Approaches to Health Technology     | 3            |
| SH 403      | Spiritual Care in the Digital Age               | 3            |
| SH 404      | Integrating Technology and Spiritual Care       | 3            |
| SH 405      | Ethical Considerations in Healthcare Technology | 3            |

## Capstone Project (15 Credit Hours)

The capstone project serves as a culminating experience, allowing students to apply health informatics, technology solutions, and spiritual care in a final project.

Students will:

- Develop a healthcare informatics system that integrates spiritual care for patient management.
- Design a technology-driven health ministry program that serves spiritual needs in healthcare settings.
- Evaluate healthcare technology systems with a focus on faith-based healthcare services.
- Present findings and recommendations through a formal report and presentation.

This experience ensures students graduate with practical expertise in health informatics, technology management, and spiritual care integration.

## Program Outcomes

Graduates of this program will:

- Gain expertise in health informatics, healthcare technology, and data management.
- Develop skills in healthcare technology integration, project management, and ethical decision-making in healthcare settings.
- Apply spiritual care principles in health technology and healthcare systems.
- Conduct research and design health technologies that integrate faith-based perspectives in healthcare delivery.
- Implement effective healthcare systems, data solutions, and spiritual care in health organizations.

## Career Outcomes and Potential Pay Scale

| Career Path                      | Average Salary (Annual) |
|----------------------------------|-------------------------|
| Health Informatics Specialist    | \$60,000 - \$110,000    |
| Healthcare IT Project Manager    | \$70,000 - \$120,000    |
| Health Data Analyst              | \$65,000 - \$100,000    |
| Healthcare Systems Administrator | \$75,000 - \$130,000    |
| Digital Health Consultant        | \$80,000 - \$150,000    |