PhD in Engineering in Project Management,

Minor in Ethics in Engineering and Technology
HBI University
Course Duration: 3 years
Credit Hours: 105

Program Description

The Doctor of Philosophy (Ph.D.) in Engineering in Project Management at HBIU University is designed to equip students with the advanced skills and knowledge needed to lead and manage complex engineering projects. This program provides an in-depth exploration of project planning, risk management, systems engineering, resource optimization, and leadership in technical environments. By integrating both theoretical frameworks and hands-on applications, graduates will be prepared to lead large-scale engineering projects, improve organizational efficiencies, and contribute to the advancement of the engineering field through innovative project management strategies.

The Minor in Ethics in Engineering and Technology specialization offers a unique focus on the ethical considerations and challenges that arise in engineering and technology projects. This specialization covers key topics such as responsible innovation, ethical decision-making in engineering design and management, sustainability in technological development, and addressing societal impacts of engineering projects. Students will gain a deeper understanding of how to navigate

the complex ethical dilemmas in the engineering field, ensuring that their leadership and decision-making are aligned with ethical standards and societal needs.

Admissions Requirements

- Master's degree in a relevant field
- Minimum GPA of 3.0
- GRE scores (if applicable)
- Statement of Purpose (1,000-1,500 words) outlining research interests
- Three letters of recommendation
- Academic writing sample
- Curriculum Vitae (CV) or resume
- Interview with faculty (if required)

Core Foundational Courses (60 Credit Hours)

Course Code	Course Name	Credit Hours
PH.D 701	Advanced Theories in the Field	3
PH.D 702	Applied Research Methods	3
PH.D 703	Leadership and Ethics	3
PH.D 704	Strategic Decision Making	3
PH.D 705	Policy and Governance	3
PH.D 706	Crisis and Risk Management	3
PH.D 707	Innovation in the Field	3
PH.D 708	Global Perspectives	3
PH.D 709	Case Study Analysis	3
PH.D 710	Capstone in the Field	3

Minor in Ethics in Engineering and Technology (15 Credit Hours)

Course Code	Course Name	Credit Hours
MINO 701	Introduction to the Minor Field	3
MINO 702	Ethics and Best Practices	3
MINO 703	Case Studies and Applications	3
MINO 704	Policy and Governance in the Minor	3
MINO 705	Capstone Project in the Minor	3

Research, Dissertation, and Defense (30 Credit Hours)

Course Code	Course Name	Credit Hours
DISR 801	Research Methods in Human Resources	3
DISR 802	Theoretical Frameworks in HR Research	3
DISR 803	Quantitative and Qualitative Research Methods	3
DISR 804	Dissertation Proposal Development	3
DISR 805	Data Collection and Analysis	3
DISR 806	Dissertation Writing: Literature Review	3
DISR 807	Dissertation Writing: Methodology	3
DISR 808	Dissertation Writing: Findings and Analysis	3
DISR 809	Dissertation Defense Preparation	3
DISR 810	Final Dissertation Defense	3

Program Outcomes

- Conduct advanced research in phd in engineering in project management.
- Develop expertise in minor in ethics in engineering and technology and its applications.
- Lead policy, research, and practical implementation in the field.
- Contribute to academic and industry advancements.

Career Outcomes and Potential Pay Scale

Career Path	Average Salary (Annual)
HR Director (Corporate/Non-Profit)	$90,000 - $160,000
Organizational Development Consultant	$85,000 - $150,000
Talent Acquisition Specialist	$75,000 - $130,000
University Professor (HRM)	$80,000 - $140,000
HR Policy Analyst	$85,000 - $135,000
Chief Human Resources Officer (CHRO)	$120,000 - $250,000