AI Applications, Graduate Certificate (Boston)

As artificial intelligence and machine learning become ubiquitous across industries, workers at all levels are seeking practical knowledge about AI: its implications, limitations, and uses across various domains. The Graduate Certificate in AI Applications is designed for professionals with a broad spectrum of academic and professional expertise seeking to harness the power of AI within their respective industries. The program offers professionals a comprehensive understanding of AI fundamentals and the opportunity to learn to effectively apply AI applications to their own contexts and products. Through a blend of theoretical knowledge and practical skills development, professionals will be equipped with the tools necessary to make informed decisions about when and how to leverage AI technologies.

The curriculum offers instruction on how to leverage AI technologies responsibly, ethically, and effectively within organizations and how to advocate for the responsible use of AI and mitigate risks associated with AI deployment, while also understanding the human-centered aspects of AI development and implementation.

Students are admitted to the certificate program by one of the following colleges and students follow all policies associated with their home college:

- Bouvé College of Health Sciences
- College of Arts, Media, and Design
- College of Engineering
- College of Social Sciences and Humanities
- D'Amore-McKim School of Business
- Mills College at Northeastern

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Required Courses

Code	Title	Hours
ARTG 6460	Human-Centered AI	4
CS 5047	Exploring AI Trends and Tools	4
PHIL 5110	Responsible AI	4

Experiential Courses

Code	Title	Hours
Complete 4 semester hours from the following:		4
CRIM 6600	Justice, Technology, and AI	
EDUT 6150	AI in Education	
HLTH 5800	AI Across the Health Sciences	
IE 5640	Data Mining for Engineering Applications	
JRNL 6460	AI in Media Industries	
MISM 6250	Strategic AI for Business	

Program Credit/GPA Requirements

16 total semester hours required

Minimum 3.000 GPA required