

# Certificate in Medical Software & Artificial Intelligence



## Program Overview

Our primary goal in creating this program is to equip learners with the essential foundation to successfully work and lead in the expansive field of medical software, both in the med tech industry and related sectors. The program covers the design, development, testing, and regulation of medical software, with a special focus on the growing integration of artificial intelligence. This field increasingly requires a multidisciplinary approach, and we aim to educate leaders who can bridge diverse disciplines and communicate effectively across various specialized areas.



Professor Xenophon Papademetris, PhD's introductory video

## Program Structure

The program is comprised of approximately **20 hours of pre-recorded lectures and live Q&A sessions held once a week (1 hour per session) over 16 weeks.** It is divided into **four 4-week modules:**

- Introduction to Medical Software
- Introduction to Artificial Intelligence
- Medical Software with AI
- Current and Emerging Applications of AI in Medicine



Yale BIDS' YouTube featuring lecture previews and guest expert interview series

## HOW TO APPLY

- Applications for the program will be open in **October 2024.**
- The program will run from **January 15, 2025, to May 30, 2025.**



[online.yale.edu/medical-software-ai-program](https://online.yale.edu/medical-software-ai-program)