CERTIFICATE IN ARTIFICIAL INTELLIGENCE IN MEDICINE

Enhance your ability to effectively analyze medical problems and interpret complex data with UofL's Artificial Intelligence in Medicine graduate certificate.

"Biomedical data are now available in an overwhelming volume, and the potential benefits gained by using advanced technologies to manage and analyze these data are exponential. The primary goal of UofL's AI in Medicine certificate is to prepare medical professionals and engineers to effectively use these technologies, and to improve patient care as a result."

HERMANN FRIEBOES, PH.D.
PROGRAM DIRECTOR
ARTIFICIAL INTELLIGENCE IN MEDICINE

HIGHLIGHTS

- Learn to use artificial intelligence technologies to improve patient care and find innovative solutions to medical challenges
- Gain the ability to analyze biomedical data through modeling and computational tools, such as machine learning and deep learning.
- Take 1-3 courses at a time and **complete your certificate in just 2 semesters** (15 week terms).
- Connect and network with other professionals across the biomedical industry.
- Take advantage of **100% online** format with access to courses anywhere, anytime and on any device **or** attend in the **traditional classroom format**.

Complete the program in as little as 2 semesters. Learn more at uofl.me/3girDAm

Graduates will have the required skills to seek employment for positions designing and managing the automated analysis of biomedical data with healthcare, insurance, pharmaceutical and laboratory employers.

UNIVERSITY OF LOUISVILLE®

J.B. SPEED SCHOOL OF ENGINEERING

CERTIFICATE IN ARTIFICIAL INTELLIGENCE IN MEDICINE

This program is offered by the J.B. Speed School of Engineering at the University of Louisville, through the Bioengineering (BE) department, in conjunction with the Computer Science & Engineering (CSE) department and the School of Public Health & Information Sciences.

Available Online and Traditional Classroom Format

ADMISSION REQUIREMENTS

- Bachelor's degree in any field from an accredited college or university*
- The successful applicant will typically have an undergraduate grade point average of 3.0 or above (on a 4.0 scale)**
- Completion of BE 340 Computational Methodologies in Bioengineering course or equivalent
- Students whose native language is non-English or the degree is from a non-US accredited institution are required to prove proficiency in the English language as specified for admission by the Speed School of Engineering.
- **GMAT/GRE scores are not required for admission.**

PROGRAM REQUIREMENTS

- 5 courses (totaling 15 graduate credits hours)
- Normally, it is expected that the student will complete the certificate program in 15-week terms. You can choose from the following courses, with a minimum of 3 courses coming from the Bioengineering (BE) department.
- Most courses are offered each semester. Depending on your education and/or work background, some courses may have prerequisites that must be met prior to enrollment.
- We recommend working with your enrollment and faculty advisors to map out your degree path and ensure that your chosen courses can be completed in the time frame that is right for you.

* See the UofL Transfer Credit Policy for more information.
** You may be admitted provisionally with a 2.75 GPA, but will need to maintain a 3.0 for the courses taken to satisfy the 15-credit certificate requirement.

If you are looking to expand your skills and knowledge beyond your bachelor's degree contact a member from our Office of Graduate Affairs listed below to discuss your future at Speed School.

Katherine Markuson
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