Post Baccalaureate Certificate in Machine Learning for Life Sciences

Post Baccalaureate Certificate in Machine Learning for Life Sciences Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Create and modify computer programs in suitable high level languages using principles of control structures, object oriented programming, and API interactions.
2. Create programs using biology focused libraries required for interaction with chemical objects, transcriptomes, and genomes.
3. Create and modify programs that apply machine learning techniques for life sciences.
4. Create programs with specific applications of machine learning to the life sciences, which include but are not limited to drug discovery, genomic analysis, and medical imaging.