Artificial Intelligence

List of the requirements for the AI certification program are as follows:

12 credits are required, which can be satisfied by:

o 2 core courses (6 credits)

o 2 elective courses (6 credits)

Admission Requirements

Applicants should have a bachelor's degree and have some experience with programming and data analytics. Some experience with programming, equivalent to CS602 (Java), and some experience in data analytics, equivalent to CS482 (Data Mining).

What are the prerequisites?

Some experience with programming, equivalent to CS602 (Java), and some experience in data analytics, equivalent to CS482 (Data Mining).

What are the Courses to be taken?

Students must take a total of four courses, with the following compulsory core courses and elective courses to choose from.

Core courses:

Code	Title	Credits
DS 675 Machine Learning		3
DS 677 Deep Learning		3

Elective courses:

Code	Title	Credits
DS 634 Data Mining		3
DS 680 Natural Language Processing		3
DS 669 Reinforcement Learning		3
DS 789 Trustworthy AI		3
CS 670	Artificial Intelligence	3
CS 681	Computer Vision	3
CS 659	Image Processing and Analysis	3

Sample course sequence:

1. DS634, CS670, DS675, DS677

2. DS675, DS677, DS669, DS680

3. DS670, DS675, DS677, CS681