New Program Report

Date Submitted:
08/24/2021

Institution
Webster University

Site Information

Implementation Date:
8/16/2021 12:00:00 AM

Added Site(s):

Selected Site(s):

Webster University, 470 East Lockwood, St. Louis, MO, 63119-3194

CIP Information

CIP Code:
110102

CIP Description:
A program that focuses on the symbolic inference, representation, and simulation by computers and software of human learning and reasoning processes and capabilities, and the computer modeling of human motor control and motion. Includes instruction in computing theory, cybernetics, human factors, natural language processing, and applicable aspects of engineering, technology, and specific end-use applications.

CIP Program Title:
Artificial Intelligence

Institution Program Title:
Artificial Intelligence

Degree Level/Type

Degree Level:
Certificate >= 1 Year but < 2 Year

Degree Type:
Certificate 1

Options Added:

Collaborative Program**:**
N

Mode of Delivery

Current Mode of Delivery

Classroom

Hybrid

Student Preparation

New Program Report

Special Admissions Procedure or Student Qualifications required:
None

Specific Population Characteristics to be served:
N/A

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:
Faculty will meet requirements for teaching graduate level for as required by the Higher Learning Commission

Estimate Percentage of Credit Hours that will be assigned to full time faculty:
A minimum of 50% of the program will be taught by fulltime faculty

Expectations for professional activities, special student contact, teaching/learning innovation:
Faculty will maintain professional requirements to teach graduate level courses per Higher Learning Commission

Student Enrollment Projections Year One-Five

Year 1	Full Time: 0	Part Time: 5	
Year 2	Full Time: 0	Part Time: 10	
Year 3	Full Time: 0	Part Time: 15	Number of Graduates: 12
Year 4	Full Time: 0	Part Time: 20	
Year 5	Full Time: 0	Part Time: 25	Number of Graduates: 20

Percentage Statement:
n/a

Program Accreditation

Institutional Plans for Accreditation:
Webster University is accredited by the Higher Learning Commission. This is a graduate certificate for students wanting additional coursework in Artificial Intelligence.

Program Structure

Total Credits:
18

Residency Requirements:
18

General Education Total Credits:
0

Major Requirements Total Credits:
18

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
CSDA 5320	3	Analytics Application Using Python

New Program Report

CSAI 5220	3	Machine Learning
CSDA 5230	3	Data Analytics
CSDA 5210	3	Databases and Data Warehouses
CSAI 5210	3	Artificial Intelligence with Python
CSAI 5320	3	Deep Learning - Image, Video, and Audio

Free Elective Credits:
0

Internship or other Capstone Experience:
N/A

Assurances

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

First and Last Name: Thao Dang-Williams

Email: thaodangwilliams@webster.edu

Phone: 314-246-8757