



Students enrolled in **MS in Applied Data Science and AI** program can substitute any industry certifications listed below for one or more approved courses in the program up to 12 credit hours (3 courses). Students must provide a certification validation number or similar identification to verify successful completion.

INDUSTRY CERTIFICATION	APPROVED COURSES
PCEP CERTIFIED ENTRY-LEVEL PYTHON PROGRAMMER	Foundations in Python Programming COMP 3005
PCEP CERTIFIED ASSOCIATE PYTHON PROGRAMMER	Foundations in Python Programming COMP 3005 OR Python Software Development COMP 3006
ORACLE DATABASE FOUNDATIONS	Database Organization and Management COMP 3421
MICROSOFT CERTIFIED: AZURE DATABASE ADMINISTRATOR ASSOCIATE	Database Organization and Management COMP 3421
DATABRICKS CERTIFIED DATA ENGINEER ASSOCIATE	Database Organization and Management COMP 3421 OR Parallel and Distributed Computing COMP 4334
DATABRICKS MACHINE LEARNING ENGINEER ASSOCIATE	Machine Learning Operations COMP 4450
DATABRICKS CERTIFIED GENERATIVE AI ENGINEER ASSOCIATE	Large Language Models for Data Science COMP 4451
AWS CERTIFIED MACHINE LEARNING ENGINEER ASSOCIATE OR CERTIFIED DATA ENGINEER	Machine Learning Operations COMP 4450