

OMCS

Standard Pathway

	YEAR 1		YEAR 2	
<i>Pre-Program</i>	Module 1/Semester 1	Module 2/Semester 2	Module 3/Semester 3	Module 4/Semester 4

AI CURRICULUM

Program Orientation
CX 500

AI Model 1:
Mathematical
Foundations of
Data Science
DX601

AI Model 2:
Applied Machine
Learning
CX642

AI Model 3:
Generative Models
CX643

AI Model 4:
Systems
Deployment and
Responsible
Innovation
CX644

SYSTEMS CURRICULUM

Preparatory
Bootcamp
CX 501

Systems Module 1:
Foundations of
Programming and
Systems
CX651

Systems Module 2:
Cloud Computing
CX652

Systems Module 3:
Scalable Data
Analytics Systems
CX653

Systems Module 4:
GPU Computing for
Data and Cloud
Applications
CX654

AI in Industry
Speaker Series
CX698

AI in Industry
Speaker Series
CX698

Capstone Project
CX699

Capstone Project
CX699