

Sample plan of study - MSAE/MSAA Dual Degree Structure

Courses Across Both Degrees

ADEC 7910 Software Tools for Data Analysis	ADEC 7430 Big Data Econometrics / AI Models I
ADEC 7310 Data Analysis	ADEC 7460 Predictive Analytics / Forecasting
ADEC 7320 Econometrics	

From MSAE Core

ADEC 7200 Applied Macroeconomic Theory
ADEC 7201 Applied Microeconomic Theory

From MSAA Core

ADAN 7920 Data Science Software Tools and Platforms
ADAN 7350 AI Algorithms II

Electives

2 from MSAE
2 from MSAA

Ethics (Choose one)

ADEC 7500 Ethics, Economics and Public Policy
ADAN 7500 Algorithmic Ethics and Governance from traditional to AI/ML

Project Course

ADEC 8880 Directed Practicum OR ADAN 8880 Applied Analytics Project

Sample plan of study - Dual Degree - Part-Time Student

<p>Fall 2022 ADAN 7510 Mathematical Methods for Machine Learning ADEC 7310 Data Analysis</p>	<p>Spring 2024 ADEC 7200 Applied Macroeconomic Theory ADEC 7201 Applied Microeconomic Theory</p>
<p>Spring 2023 ADAN 7920 AI/ML Software Tools and Platforms ADEC 7320 Econometrics</p>	<p>Summer 2024 MSAA Elective II MSAE Elective I</p>
<p>Summer 2023 ADAN / ADEC 7340 AI Algorithms I / Big Data Econometrics ADEC/ADAN 7460 Predictive Analytics/Forecasting</p>	<p>Fall 2024 MSAE Elective II ADAN 7500 Algorithmic Ethics and Governance from traditional To ML/AI OR ADEC 7500 Ethics, Economics & Public Policy</p>
<p>Fall 2023 ADAN 7350 AI Algorithms II MSAA Elective I</p>	<p>Spring 2025 ADAN 8880 Directed Practicum in Analytics OR ADEC 8880 Directed Practicum in Applied Economics</p>

Sample Plan of Study - Dual Degree - Full-Time Student

<p>Fall 2022 ADAN 7510 Mathematical Methods for Machine Learning I ADAN 7920 AI/ML Software Tools and Platforms ADEC 710 Data Analysis ADEC 7320 Econometrics</p>	<p>Fall 2023 MSAA Elective I MSAA Elective II MSAE Elective I</p>
<p>Spring 2023 ADAN/ADEC 7340 AI Algorithms I / Big Data Econometrics ADAN / ADEC 7460 Predictive Analytics / Forecasting ADEC 7201 Applied Microeconomic Theory</p>	<p>Spring 2024 ADAN 7500 Algorithmic Ethics and Governance - from traditional to AI/ML OR ADEC 7500 Ethics, Economics and Public Policy ADAN 8880 Directed Practicum in Analytics OR ADEC 8880 Directed Practicum in Applied Economics MSAE Elective II</p>
<p>Summer 2023 ADAN 7350 AI Algorithms II ADEC 7200 Applied Microeconomic Theory</p>	