

# Program of Study <sup>2</sup> M.S. in Applied Economics(30Credits)

WoodsCollegeof Advancing Studies

Student Name \_\_\_\_\_

Eagle Id: \_\_\_\_\_

Student Email \_\_\_\_\_

Advisor Name: \_\_\_\_\_

The M.S. in Applied Economics (MSAE) program requires 10 courses to be completed consisting of 5 core classes and 5 electives. Students must have a cumulative GPA of 3.00 to graduate successfully.

Students are encouraged to take the core classes of Applied Microeconomic Theory, Applied Macroeconomic Theory, Data Analysis and Econometrics before taking the elective courses. For students with limited or no coding experience, Software Tools for Data Analysis is also recommended.

Furthermore new electives are added from time to time and students should check the [MSAE](#) website for new course offerings. Courses from the MS in Applied Analytics ([MSAA](#)) can also be chosen as electives with two exceptions namely Algorithmic Ethics and Governance from traditional to AI/ML.

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|---|--|--|--|
| Required Elective Courses Choose any 5          |  |  |  |
| ADEC 7220* Linear Algebra and Vector Calculus   |  |  |  |
| ADEC 7340 Advanced Urban and Regional Economics |  |  |  |
| ADEC 7350 Economics of Banking and Insurance    |  |  |  |

| Required Elective Courses: Choose any                         | Term Taken / Transfer | Status | Advising Note |
|---|-----------------------|--------|---------------|
| ADEC 7430* Big Data Econometrics                              |                       |        |               |
| ADEC 7460* Predictive Analytics/Forecasting                   |                       |        |               |
| ADEC 7470* Advanced Econometrics                              |                       |        |               |
| ADEC 7510 Law and Economics                                   |                       |        |               |
| ADEC 7520 Transfer Pricing                                    |                       |        |               |
| ADEC 7530 Measuring Business Cycles, Trends and Growth Cycles |                       |        |               |
| ADEC 7540 Marketing Analytics for Economists                  |                       |        |               |
| ADEC 7610 Empirical Sports Economics                          |                       |        |               |
| ADEC 7630* ML/AI Algorithms II                                |                       |        |               |
| ADEC 7810 Empirical Behavioral Economics                      |                       |        |               |
| ADEC 7820 Economics of Innovation and Entrepreneurship        |                       |        |               |