

MS Analytics Program

The Master of Science Analytics degree offered by the College of Science is an inter-collegiate curriculum with the Mays Business School. A student seeking the 36 semester credit hours Master of Science Analytics degree must fulfill the requirements A, B, C, and D listed below. One statistics course completed with a C or better is the prerequisite for the degree. Examples of acceptable courses at Texas A&M University include STAT 301, STAT 302 or STAT 303 or INFO 303 or STAT 651 or equivalent.

- A. The following 3 hour courses are required:
 - 1) STAT 608 Regression Analysis
 - 2) STAT 626 Methods in Time Series Analysis
 - 3) STAT 636 (INFO 657) Methods in Multivariate Analysis
 - 4) STAT 656 Applied Analytics Using SAS Enterprise Miner
 - 5) STAT 657 Advanced Programming Using SAS
 - 6) ACCT 610 Financial Accounting
 - 7) INFO 628 Business Data Base Systems
 - 8) MKTG 625 Marketing Engineering

- B. Two 3 hour courses from the following elective courses: (May vary depending on Capstone needs)
 - 1) STAT 638 Introduction to Applied Bayesian Methods
 - 2) STAT 647 Spatial Statistics
 - 3) FINC 649 Financial Modeling

- C. Three hours of STAT 684 Practicum spread over 3 semesters focusing on knowledge acquisition and skill development in project management, data privacy and security, team work, communications and presentations.

- D. Three hours of STAT 685 Directed Studies spread over 2 semesters. Each student must form an advisory committee and complete a special project under the direction of the chair of the advisory committee. Three semester credit hours are earned by completion of this project. Upon completion, the student is required to make an oral presentation of the work and to submit the set of slides used in the presentation.

Now accepting expressions of interest by email. Contact:

Myra Gonzalez, Director

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979-845-6855

Suggested Schedule

Semester 1 (Fall)

- STAT 608 Regression Analysis (3 hours)
- INFO 628 Business Data Base Systems (3 hours)
- STAT 684 Practicum (1 hour)

Semester 2 (Spring)

- STAT 636 (INFO 657) Methods in Multivariate Analysis (3 hours)
- MKTG 625 Marketing Engineering (3 hours)
- STAT 684 Practicum (1 hour)

Semester 3 (Summer)

- STAT 656 Applied Analytics Using SAS Enterprise Miner (3 hours)
- ACCT 610 Financial Accounting (3 hours)
- STAT 684 Practicum (1 hour)

Semester 4 (Fall)

- STAT 626 Methods in Time Series Analysis (3 hours)
- STAT 657 Advanced Programming Using SAS (3 hours)
- STAT 685 Directed Studies (1 hour)

Semester 5 (Spring)

- Elective 1 (3 hours)
- Elective 2 (3 hours)
- STAT 685 Directed Studies (2 hours)

Official catalog course descriptions available online beginning on page 292 at http://catalog.tamu.edu/pdfs/GRAD_catalog12_13.pdf