

Master of Science in Analytics

Program Highlights

- ▶ Full-time one-year program
- ▶ Complete your degree in 12 months
- ▶ Next cohort starts in **June 2018**
- ▶ Integrated coaching and professional development activities
- ▶ MSA projects with public- and private-sector companies
- ▶ SAS certification integral to program courses

Program Overview

The master of science in analytics (MSA) focuses on the use of information technology and advanced statistical methods for problem solving and decision making.

In today's digital economy, organizations collect mountains of data on customers, suppliers, transactions, and internal processes. Managers know that data-driven analytical methods can have a huge payoff, but they don't know how to extract the valuable information scattered throughout their data stores. That's why we created the master of science in analytics.

MSA students learn to use state-of-the-art analytics tools to improve the accuracy and timeliness of business decisions. Typical application areas include marketing, finance, insurance, healthcare, supply chain, retail stores, and e-commerce.

A variety of optimization techniques and statistical methods — such as cluster analysis, data mining, predictive modeling, and design of experiments — are used for customer segmentation, competitive analysis, forecasting, fraud detection, and streamlining supply chain operations.

OUR GOAL is to prepare students to be productive the first day on the job and to place graduates at Fortune 1000 companies with above-average salaries.

Don't Delay. Apply Today!

Admission is competitive.

Application deadlines for the 2018–2019 class are December 15, 2017 for international applicants and March 31, 2018 for domestic applicants.

Apply online at gradapply.lsu.edu.



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Hanes Brands
Hertz
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IBM
InterWorks
LWCC
MetLife
Microsoft
Ochsner
Pentaho
People's Health
SAP
SAS
UL System
University of New Orleans
USAA
Zehnder Communications

Admission Requirements

All applications for admissions are submitted through the LSU Graduate School's online application system: **gradapply.lsu.edu**.

- ▶ A bachelor's degree from an accredited U.S. institution or the equivalent from a foreign institution
- ▶ A GPA of at least 3.0 on all undergraduate work and a 3.0 GPA or better on any graduate work already completed
- ▶ Acceptable GMAT or GRE scores — the ETS institution code for LSU Graduate School is 6373

All required items must be submitted by the appropriate deadline. Failure to submit all required documents may result in a delayed or rejected application. The ISDS department requires the following items to be submitted online with your application, in addition to the above information:

- ▶ Professional résumé
- ▶ Statement of purpose
- ▶ Three letters of recommendation

A typical course list is shown here:

Summer Courses	Hours
EXST 4087 — SAS Data Access & Programming	3
ISDS 7024 — Advanced Statistical Analysis	3
ISDS 7302 — Data Mining	3
Total	9

Fall Courses	Hours
EXST 7037 — Multivariate Statistics	3
EXST 7087 — Survival Analysis and Non-linear models	3
ISDS 7103 — Operations Research	3
ISDS 7510 — Database Management with SQL and R	3
ISDS 7990 — Practicum Project	3
Total	15

Spring Courses	Hours
ISDS 7511 — Business Intelligence	3
ISDS 7990 — Practicum Project	3
Approved Electives	6
Total	12