



Accelerated Master of Science in Operations Analytics

High-achieving current undergraduate students seeking a B.S. degree at the University of Arkansas who choose to pursue graduate studies in Operations Analytics may participate in the accelerated M.S.O.A. program.

Once fully admitted to the M.S.O.A. program, students request that up to twelve hours of 5000 level or above courses taken in the final 12 month period of their undergraduate degree count toward their graduate degree, if these courses were taken on the University of Arkansas, Fayetteville campus. Students then take an additional 18 credit hours of approved O.P.A.N. graduate level courses in order to meet the M.S.O.A. degree requirements.

Undergraduate students interested in the accelerated M.S.O.A. Degree should apply to the program prior to starting the 2nd to last semester of their undergraduate program. To be eligible students must have a 3.5 cumulative GPA or higher and submit the normal application materials required by the graduate school for the M.S.O.A. degree program. For students that have a cumulative GPA of 3.5 or higher, the submission of GRE scores is waived.

For More Information:

www.operations-analytics.uark.edu



Prerequisites to the M.S.O.A. Degree Program:

1. There are no prerequisites for students with an undergraduate degree from an ABET-accredited industrial engineering program.
2. For students with a degree other than an ABET-accredited industrial engineering degree, a number of prerequisite courses may be required. Students are expected to have completed mathematics courses through differential and integral calculus of several variables, vector calculus and linear algebra. Students are expected to have completed a calculus-based probability and statistics course. In addition, students are expected to have completed a computer programming course. Specific University of Arkansas courses that meet these pre-requisites are available on-line through the Industrial Engineering Departmental web-page.

Requirements for the M.S.O.A. Degree Program:

In addition to the requirements of the Graduate School and the College of Engineering, the following program requirements must be satisfied by candidates for the M.S.O.A. degree.

1. Candidates for the degree are required to complete 30 semester hours of course work.
2. All candidates must successfully complete a master's oral examination that is conducted by the candidate's faculty committee.

On Campus and Online!



Grasp Your Future!

Master of Science in Operations Analytics



The Department of Industrial Engineering offers a graduate program leading to the Master of Science in Operations Analytics (M.S.O.A.) for engineering, science, and other non-engineering graduates.

The Master of Science in Operations Analytics is an intensive program that will guide students through the theory and practice of the quantitative modeling of enterprise operations via descriptive, predictive, and prescriptive analytics.

Students will develop knowledge of the principles and practices of analytics modeling methods, such as optimization, statistical modeling, machine learning, simulation, and computing methods, as they apply to the strategic, operational, and tactical control of operations.

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