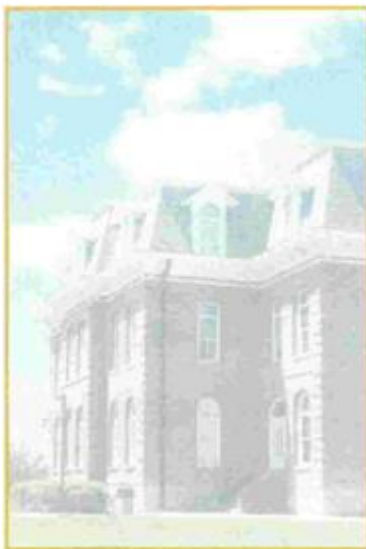


PhD Position at Missouri S&T in Engineering Management or Systems Engineering

The research group of **Dr. Gabriel Nicolosi** is currently inviting applications for a **fully funded** (tuition + stipend) PhD position in the Department of Engineering Management and Systems Engineering at the Missouri University of Science and Technology. Missouri S&T is in Rolla, Missouri, at the heart of the legendary Route 66, a one hour-drive from St. Louis.

About the Position



The PhD student will have the opportunity to work on research projects in the areas of **Operations Research and Machine Learning** in the context of industrial, economical and management systems. While working toward obtaining their PhD, the selected candidate will be expected to conduct extensive literature reviews, design and run computational and numerical experiments, and report research findings in manuscripts that will be submitted to top-tier, peer-reviewed scientific journals and conference proceedings. The PhD student will also have the opportunity to work with and be mentored by other faculty at Missouri S&T, as well as participate in research efforts with scholars from other universities.

Start Date

Fall 2024 or Spring 2025

Requirements and Preferred Qualifications

- Master's degree in Industrial Engineering, Operations Research, Applied Mathematics, Computer Science, Electrical Engineering or related area.
- Fulfill department requirements, listed [here](#).
- Comfort in writing research-grade computer code in Julia, MATLAB or Python.

- **Background in Operations Research, Mathematical Optimization, Numerical Computing or any related quantitative area.**
- Disposition to write documents/reports in LaTeX (on Overleaf).
- Experience in writing academic research papers for submission to peer-reviewed journals/conferences, or having written a MSc thesis.
- GRE Scores (V + Q \geq 320) — exceptions can be made for outstanding candidates with strong academic recommendation letters.

How to Apply

Before officially applying to the program, candidates who fulfill the requirements above are encouraged to send via email to **gabrielnicolosi "at" mst "dot" edu** the following documents:

- Statement of purpose describing your research interests, experience, and future goals (two pages max).
- Detailed CV.
- A copy of academic transcripts.
- Sample publications/thesis work (if available).
- GRE and English proficiency test scores.