

PhD in

# ENGINEERING SYSTEMS MANAGEMENT



AUS' PhD in Engineering Systems Management (PhD-ESM) provides ambitious engineers with the specialized knowledge required to oversee large-scale, complex projects. As a graduate of this program, you can help to fill the region's demand for highly qualified systems management professionals and researchers.

## **Fusing theoretical knowledge and practical expertise**

The PhD-ESM combines technical engineering expertise with management skills, producing the next generation of leading academics and industry experts across the various fields of ESM. The program addresses fundamental engineering challenges for the 21st century, with students given first-hand access to research that addresses problems of national and global importance.



## Important research areas covered by the PhD-ESM include:

- supply chain management
- sustainable construction project management
- smart cities management
- engineering management

## Faculty of distinction

In undertaking the PhD-ESM, you will work under the supervision of faculty who have received their doctoral degrees from renowned universities, including some of the best engineering institutions in North America and Europe. These faculty are recognized experts in their fields, with extensive teaching and research experience. Doctoral students have the opportunity to work with faculty to publish their work in leading international engineering and scientific journals.

## Built-in flexibility

Our graduate programs are flexible, ensuring that students are able to pursue their careers alongside their graduate degree. Students can choose between a full-time schedule and a part-time schedule, with classes offered at times suitable for those in the workforce.

## Graduate assistantships and employment

AUS offers graduate students assistantships and work-study opportunities. These are awarded on a competitive basis, coming in the form of a Graduate Research Assistantship or Graduate Teaching Assistantship. This offers not only financial assistance but also hands-on experience in teaching and research helpful to students interested in pursuing a career in academia.



## Find out more

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