

M.S. in Human Factors

Program-Level Student Learning Outcomes

Daytona Beach

Students will:

- Apply the fundamentals of Human Factors and Ergonomic (HF/E) principles and concepts to the benefit of the Human Factors community and to contribute to and enhance the body of scientific knowledge.
- Comprehensively evaluate human cognitive/psychological capabilities and limitations across multiple human factors and ergonomics domains.
- Comprehensively evaluate human physiological capabilities and limitations across multiple human factors and ergonomics domains.
- Apply human factors evidence-based methods to identify, interpret, and define industry-based problems and develop strategies to control, mitigate, and/or solve them.
- Apply basic and advanced experimental design and statistical techniques commonly used in the behavioral sciences to problems of scientific inquiry and practical application.

Worldwide

Students will:

- Apply the fundamentals of Human Factors and Ergonomic (HF/E) principles and concepts to the benefit of the Human Factors community and to contribute to and enhance the body of scientific knowledge.
- Comprehensively evaluate human cognitive/psychological capabilities and limitations across multiple human factors and ergonomics domains.
- Comprehensively evaluate human physiological capabilities and limitations across multiple human factors and ergonomics domains.
- Apply human factors evidence-based methods to identify, interpret, and define industry-based problems and develop strategies to control, mitigate, and/or solve them.