

B.S. in Human Factors Psychology

Students will:

- Describe the basic characteristics of human anatomy, physiology, sensation, and perception, with emphasis on vision, audition, and vestibular systems.
- Describe the basic characteristics and limitations of human memory and cognition.
- Relate basic ergonomic and bioengineering factors to human-machine system design and performance.
- Critically evaluate scientific research.
- Interpret basic applied statistical analyses for the behavioral sciences.
- Apply basic experimental designs for the behavioral sciences.
- Apply human factors psychology principles to human-machine system performance in various domains.
- Apply human-machine system analysis and design methodologies across various domains.
- Function effectively in human factors and ergonomics team projects and demonstrate professional communication skills.