

# ROBOTICS AND AUTONOMOUS SYSTEMS

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The Robotics and Autonomous Systems program targets students that want to engineer and build complex robotics systems that operate with various degrees of autonomy. Students will have the opportunity to learn the theory of and actually develop autonomous robotic systems in multiple domains including transportation systems, medical robotics, internet of things, smart cities, and industrial systems. The program emphasizes a holistic approach to robotics and autonomous systems including dynamics and control, perception and cognition, autonomous decision making, human-robot and robot-robot collaboration, policy and ethics.

## Program Committee

**David Silberberg, Program Co-Chair**  
Principal Professional Staff  
JHU Applied Physics Laboratory

**Louis L. Whitcomb, Program Co-Chair**  
Professor of Mechanical Engineering  
Laboratory for Computational Sensing and Robotics  
Johns Hopkins University

**Anthony N. Johnson, Program Manager**  
Senior Professional Staff  
JHU Applied Physics Laboratory

- Robotics and Autonomous Systems, Master of Science (<https://e-catalogue.jhu.edu/engineering/engineering-professionals/robotics-autonomous-systems/robotics-autonomous-systems-master-science/>)