

# SANTA CLARA UNIVERSITY

Master of Science

## Robotics & Automation

*Limited research/teaching assistantships are available.*

*May 7 is the Fall 2022 Application Deadline.*

**Focused on the design, development and control of intelligent machines, smart products, and autonomous systems.**

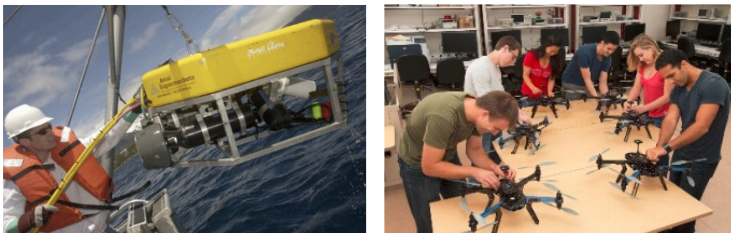
### Program Benefits

- *A truly interdisciplinary degree*
- *Strong partnerships with industry*
- *Real-world engineering opportunities and courses that exist only at SCU!*

### Only @ Santa Clara

*Through the Robotic Systems Laboratory, students develop and professionally operate advanced robotic systems for clients from industry, government agencies, and scientific institutes.*

- Develop advanced mission control systems and use them to operate on-orbit spacecraft for NASA and industry partners
- Design and deploy novel marine robots for government agencies and science partners
- Create new “cobot” control techniques for industry partners in advanced manufacturing



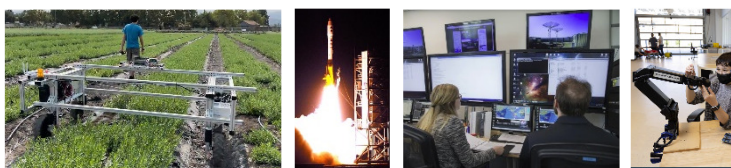
For more information:

Dr. Christopher Kitts, [ckitts@scu.edu](mailto:ckitts@scu.edu)  
[scu.edu/engineering/robotics](http://scu.edu/engineering/robotics)

### Where do our graduates go?

**Robotics Lab graduates** currently work at more than 100 companies and agencies throughout Silicon Valley. These include iconic companies

like Apple, Intel, Google, Tesla, Nvidia, HP, Meta, Intuitive Surgical, NASA, and Lockheed. Many work for startups in robotics, ag-tech, self-driving cars, and more. And many start their own companies!



### Degree Requirements

- **Core set of courses** on robotic system design, control, and perception
- **Broad range of technical electives**, with industry-aligned concentration options like advanced manufacturing, autonomous driving, aerospace robotics, medical technology, logistics, and autonomous systems
- **Additional courses** in mathematics, business and societal impacts