COURSE TRACKS

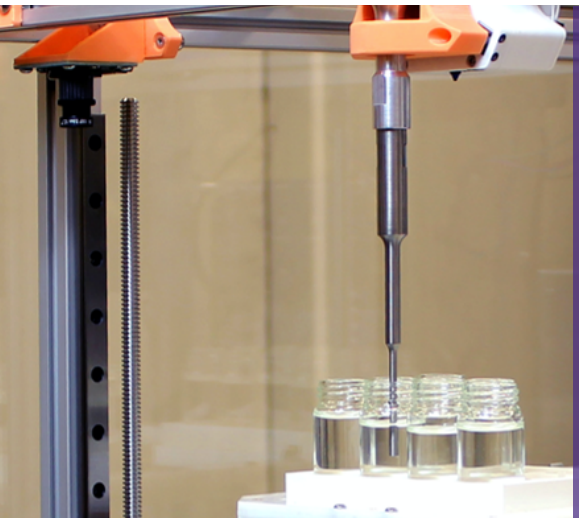
APPLIED MASTER'S PROGRAM
MATERIALS SCIENCE & ENGINEERING

ADVANCED AEROSPACE MATERIALS

For the next generation of aerospace engineers! Become a leader in technology readiness, capable of innovatively addressing the challenges of advanced materials in industry.

SAMPLE ELECTIVES

- Composite Materials in Manufacturing
- Composites Maintenance and Manufacturing
- Composites Structural Engineering



ACCELERATED MATERIALS DEVELOPMENT

For those wishing to be at the forefront of machine learning and artificial intelligence! Enhance your skills in data science, modeling, experiment design, combinatorial robotic synthesis and high throughput measurement.

SAMPLE ELECTIVES

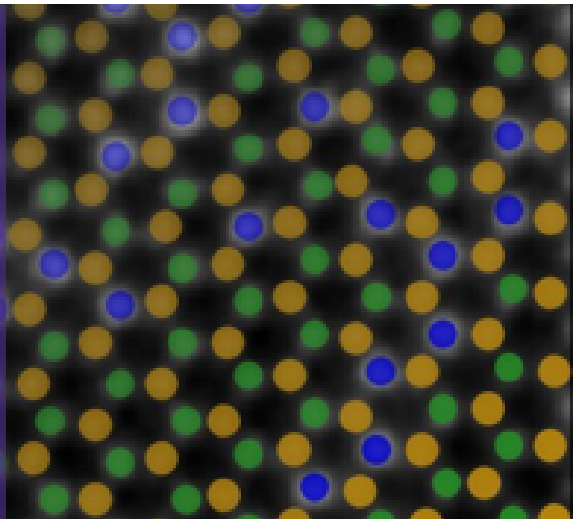
- Materials Science and Materials Informatics
- Materials and Devices Modeling
- Big Data for Materials Science

QUANTUM MATERIALS

For those excited about the endless possibilities of quantum science! Develop a passion for quantum sensing, quantum computing, and the application of quantum materials in energy harvesting and storage.

SAMPLE ELECTIVES

- Imaging Materials at the Nanometer and Atomic Scale
- Semiconductor Optoelectronics
- Materials and Device Modeling



For more information:
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UNIVERSITY of WASHINGTON