The UCLA Reliability Engineering graduate program is designed with a fresh perspective that addresses the current needs of the industry for ensuring reliability of engineered products and services, but also anticipates future needs and pushes frontiers into the realms of machine learning, advanced prognostics and health monitoring, and advanced methods to tackle reliability of complex Cyber-Physical-Human (CPH) systems.

The program is offered through the UCLA Online MS in Engineering which has been ranked #1 for three consecutive years by the US News and World Report.

**Degree Requirements:**
- 5 courses in Reliability Engineering
- 3-4 courses from a list of electives
- Comprehensive Exam

Apply: www.msol.ucla.edu

Inquire: info@risksciences.ucla.edu

Courses Offered

- Reliability Engineering Fundamentals
- Physics of Failure Fundamentals
- Advanced Methods of Reliability Analysis
- Design for Reliability and Resilience
- System Prognostics and Health Management
- Data Analytics for Reliability Applications
- Probabilistic Modeling & Simulation of Complex Systems

- Human Reliability
- Software Reliability
- Risk Analysis for Engineers and Scientists
- Reliability Engineering Management
- Structural Reliability Analysis
- Introduction to Systems Engineering
- Model-Based Systems Engineering