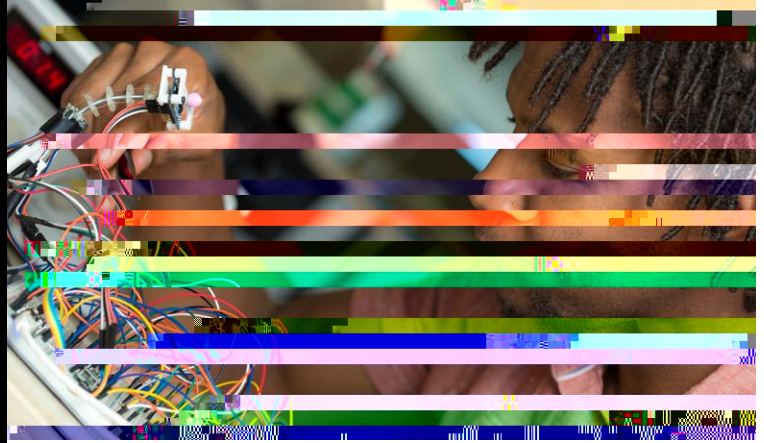


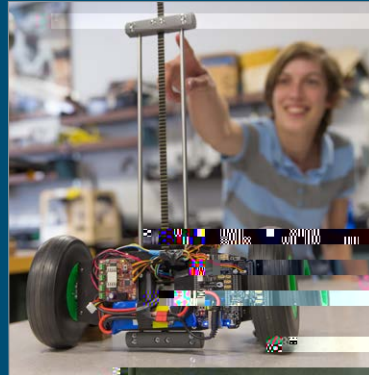
UCS

WE ARE BUILDING
THE DIGITAL FUTURE
IN SAN DIEGO



24 Faculty
633 Undergraduates
245 Graduate students

- autodigestion
- bioinformatics / genomics
- biomaterials / biomechanics
- cell / tissue mechanics
- biophotonics / biosensors
- cardiac mechanics
- cardiovascular engineering and imaging
- cartilage / tissue engineering
- genomic engineering
- metabolic bioengineering
- microcirculation / transfusion medicine
- molecular / cellular bioengineering
- nanotechnology
- neuroengineering
- stem cells / regenerative medicine
- systems biology
- translational bioengineering



SPACE ENGINEERING

COMPUTER SCIENCE & ENGINEERING

57 Faculty
1,965 Undergraduates
795 Graduate students

- bioinformatics
- computer architecture
- computer science pedagogy
- databases
- embedded systems & design
- graphics and vision
- human-computer interaction
- machine learning / artificial intelligence
- programming languages
- robotics
- security / cryptography
- software engineering
- systems and networking
- theoretical computer science



NANOENGINEERING

27 Faculty
722 Undergraduates
174 Graduate students

- advanced nanomaterials
- computational materials science
- nanobiotechnology
- nanomanufacturing
- nanomedicine
- nanophotonics
- nanorobotics
- nanosensors
- nanotechnologies for energy storage and conversion
- stretchable electronics



52 Faculty
1,132 Undergraduates
673 Graduate students

- electromagnetics
- electronic circuits and systems
- embedded systems
- info tech / communications
- intelligent systems / robotics
- machine learning
- magnetic and optical storage
- medical devices and robotics
- nanoelectronics
- network infrastructure
- neural interfaces
- photonics / nanophotonics
- signal/image/video processing
- systems energy engineering
- wearable sensors



STRUCTURAL ENGINEERING

- aerospace structures / aviation safety
- biomechanics / geomechanics
- composites / nanomaterials
- computational fluid-structure interaction analysis
- computational mechanics for extre.1 (at)0.5.BDC BT 0.00