University of Southern California
Mork Family Department of Chemical Engineering and Materials Science

Graduate Study in Chemical Engineering, Materials Science, and Petroleum Engineering

We offer M.S. and Ph.D. degrees in Chemical Engineering, Materials Science, and Petroleum Engineering. The Department also offers a unique M.S. in Petroleum Engineering (Smart Oilfield Technologies). All of our M.S. degrees are also available on-line through the Viterbi School of Engineering’s Distance Education Network.

Faculty

W. Victor Chang  Iraj Ershaghi  Edward Goo  Kristian Jessen  Rajiv Kalia  Atul Konkar
C. Ted Lee, Jr.  Anupam Madhukar  Florian Mansfeld  Noah Malmstadt  Steven R. Nutt
S. Joe Qin  Richard Roberts  Muhammad Sahimi  Katherine Shing  Theodore T. Tsotsis
Priya Vashishta  Pin Wang  Yannis C. Yortsos

Joint Appointments

John W. (Bill) Costerton  Edward D. Crandall  Daniel Dapkus  Martin Gundersen
Michael Kassner  Terence G. Langdon  Aiichiro Nakano  Armand R. Tanguay
Mark E. Thompson  Peter Will

Major Research Areas

- Advanced Computation
- Biochemical and Biological Engineering
- Energy and Environmental Research
- Material Properties, Composites, and Polymers
- Nanotechnology
- Electronic and Photonic Materials

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