

# CHEMICAL ENGINEERING DEPARTMENT

Chair: R. Dickinson

Graduate Coordinator: M. Orazem

Master's Coordinator: S. Patankar

As Chemical Engineers, students will have diverse and exciting career options. Students develop skills needed to design processes for producing products made by chemical or biological means, including consumer products, food and beverages, pharmaceuticals, specialty chemicals, semiconductors, biomaterials, pulp and paper, polymers, and more. The Chemical Engineering Department offers the degrees of Doctor of Philosophy, Master of Science (thesis and non-thesis options), and Master of Engineering in Chemical Engineering. Minimum requirements for these degrees are given in the Graduate Degrees (<http://gradcatalog.ufl.edu/graduate/degrees/>) section of this catalog.

The Ph.D., M.E., and M.S. degrees in chemical engineering require coursework in three core areas:

- *The chemical engineering basis* area, consisting of three core courses in the mathematical, molecular, and continuum bases of chemical engineering
- *The chemical engineering science and systems* area, consisting of a selection of courses in such areas as transport phenomena, electrochemical engineering, thermodynamics, kinetics, reaction engineering, process control, separation processes, and heat and mass transfer
- *The research specialty* area consists of courses designed to build depth in a field of specialization. Courses may be from other academic units or chemical engineering courses, such as colloid science, corrosion, polymer science, advanced materials, and biochemical engineering.

For more information, please see the program page below and our website: <http://che.ufl.edu/apply-to-che> (<http://che.ufl.edu/apply-to-che/>) (<http://che.ufl.edu/apply-to-che/>).

## CONTACT

### Website

Email ([Info@che.ufl.edu](mailto:Info@che.ufl.edu))

Graduate Advising Email ([grad@che.ufl.edu](mailto:grad@che.ufl.edu))

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Gainesville, FL 32611-6005

Map (<http://campusmap.ufl.edu/#/index/0958>)

Engineering | Herbert Wertheim College of

## Majors

- Chemical Engineering (<http://gradcatalog.ufl.edu/graduate/colleges-departments/engineering/chemical/chemical/>)

## Faculty

### Professor

- Angerhofer, Alexander
- Bowers, Clifford Russell
- Bruner, Steven Douglas
- Castellano, Ronald K.
- Fanucci, Gail E.
- Guo, Zhongwu
- Harris, Michael
- Kleiman, Valeria Dana
- McElwee-White, Lisa Ann
- Miller, Stephen Albert
- Murray, Leslie Justin
- Richardson, David E.
- Roitberg, Adrian E.
- Seidel, Daniel
- Stewart, Jon Dale
- Sumerlin, Brent S.
- Talham, Daniel R.
- Veige, Adam S.
- Wei, Wei
- Zeng, Yong

### Associate Professor

- Brucat, Philip J.
- Butcher, Rebecca Ann
- Loesgen, Sandra
- Savin, Daniel Andrew

### Assistant Professor

- Eddy, Matthew T.
- Evans, Austin
- Feng, Kaibo
- Hong, Fan
- Liu, Mingjie
- Miranda Quintana, Ramon Alain
- Narayanan, Amal
- Perez, Alberto
- Prentice, Boone Monroe
- Rudolf, Jeffrey D.
- Searles, Keith
- TANG, FENG
- Zeng, Chenjie

### Scientist

- Basso, Kari B.
- Deumens, Erik
- Ghiviriga, Ion

### Distinguished Professor

- Christou, George

## **Courtesy Professor**

- Wagener, Kenneth B.

## **Graduate Research Professor**

- Bartlett, Rodney J.

## **Affiliated Faculty**

- Bowden, John A.  
Associate Professor
- Garrett, Timothy J.  
Associate Professor
- Tanner, David B.  
Distinguished Professor