



UNIVERSITY OF  
ST. THOMAS

School of Arts and Sciences  
Master of Science in Industrial and Process Chemistry

University of St. Thomas – Houston • StThom.edu

## Advance in the Chemical Processing Industry with an M.S. in Industrial and Process Chemistry

New Graduate Program!

The Master of Science in Industrial and Process Chemistry is a dynamic two-year professional science master's (PSM) program that provides rigorous graduate study for professionals in the chemical and petrochemical industries or for those planning on employment in these industries.

### TARGET INDUSTRIES

The University of St. Thomas is the only university in Houston that offers a PSM program highly relevant to the chemical and petrochemical industries. The two-year program addresses the critical importance of the chemicals, refining and plastics sector to the economy.

- Petrochemicals
- Plastics and specialty chemicals
- Refining and energy

### HIGHLIGHTS

- Receive a professional master's degree in two years
- Gain practical understanding of relevant chemical engineering and industrial chemistry
- Develop high-valued business and management skills
- Flexibility of taking MBA courses within the PSM program
- Courses offered in the evenings and weekends
- Program can be completed full time or part time

### COURSEWORK

The PSM requires completion of 36-credit hours of graduate coursework, comprised of industrial chemistry and chemical engineering, business and management course work, and a capstone project/internship.

#### Industrial Chemistry and Chemical Engineering

*(3-credit hours each)*

- CHEM 5301: Engineering Flow and Heat Exchange
- CHEM 5302: Chemical Reactors and Separation Processes
- CHEM 5303: Analysis and Design of Chemical Processes
- CHEM 6301: Industrial Organic Chemicals
- CHEM 6302: Industrial Inorganic Chemicals
- CHEM 6303: Waste and Safety Management

#### Business and Management

*(3-credit hours each)*

- MBA 5315: Operations Management and Supply Chain
- MBA 5322: Organizational Behavior
- Choose three other MBA courses

#### Experiential Component

*(3-credit hours)*

- CHEM 6304: Capstone Project/Internship

**APPLY NOW!**

**The PSM program begins Fall 2019.**

For more information, contact:

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