

# PhD in Chemical Engineering

## Program Overview

### BS/BA in Chemical Engineering:

**Take:**  
CH EN 6353 Fluid Mechanics  
CH EN 6603 Mass Transfer



**Attain 3.3 GPA**  
in core courses



**Take Qualifying Examination**  
After 2<sup>nd</sup> semester in program



Take additional 24 credit hours of elective courses, 9 of which must be ChemE electives



**Research Proposal**  
During 2<sup>nd</sup> year of program  
  
At this point, a student is eligible for a **Milestone Masters** if they have submitted the forms\* below, and have submitted at least one article to a peer-reviewed journal



**Thesis Defense**  
After submitting at least two articles for peer-reviewed publication

### BS/BA NOT in Chemical Engineering:

**Take:**  
CH EN 6353 Fluid Mechanics  
CH EN 6603 Mass Transfer  
CH EN 6553 Chemical Reaction Engineering  
CH EN 6853 Thermodynamics



**Attain 3.3 GPA**  
in core courses



**Take Qualifying Examination**  
After 2<sup>nd</sup> semester in program



Take additional 18 credit hours of elective courses, 6 of which must be ChemE electives



**Research Proposal**  
During 2<sup>nd</sup> year of program  
  
At this point, a student is eligible for a **Milestone Masters** if they have submitted the forms\* below, and have submitted at least one article to a peer-reviewed journal



**Thesis Defense**  
After submitting at least two articles for peer-reviewed publication

### MS in Chemical Engineering:

**Take:**  
CH EN 6353 Fluid Mechanics  
CH EN 6603 Mass Transfer



**Attain 3.3 GPA**  
in core courses



**Take Qualifying Examination**  
After 2<sup>nd</sup> semester in program



Take additional 6 credit hours of elective courses, 3 of which must be ChemE electives



**Research Proposal**  
During 2<sup>nd</sup> year of program  
  
At this point, a student is eligible for a **Milestone Masters** if they have submitted the forms\* below, and have submitted at least one article to a peer-reviewed journal



**Thesis Defense**  
After submitting at least two articles for peer-reviewed publication

### Required Forms: Submit to Program Coordinator

- Request for Supervisory Committee\*
- Program of Study\*
- Research Proposal Approval Form\*
- Graduation Application
- Final Examination Approval Form
- Student Exit Form
- Final Reading Approval



DEPARTMENT OF

*Chemical Engineering*

COLLEGE OF ENGINEERING | THE UNIVERSITY OF UTAH