

## Chemical Engineering - Elective Offerings

Subject to Change

| Academic Year 2015-2016                 |  |   |
|---|--|---|
| Fall 2015                               | Winter 2016                              | Spring 2016                             |
| ChEn 400 - Creativity (1 hr)            | ChEn 412 - Nuclear Engineering (3 hrs)   | ChEn 518 - Biomedical Eng (3 hrs)       |
| ChEn 433 - Energy Eng (3 hrs)           | ChEn 519 - Biochemical Eng (3 hrs)       | ChEn 733 - Coal Combustion (3 hrs)      |
| EngT 497R - Global Eng. Outreach (1 hr) | ChEn 578 - Polymer Science (3 hrs)       | ChEn 687 - Statistics for ChE (3 hrs)   |
|   | ChEn 493R - Semiconductors (3 hrs)       | ChEn 593R - Electrochemical Eng (3 hrs) |
|   | ChEn 633 - Combustion (3 hrs)            |   |
|   | EngT 497R - Global Eng. Outreach (2 hrs) |   |
|   | ChE 693R - Design Optimization (3 hrs)   |   |

| Academic Year 2016-2017                 |  |  |
|---|--|--|
| Fall 2016                               | Winter 2017                              | Spring 2017                            |
| ChEn 400 - Creativity (1 hr)            | ChEn 412 - Nuclear Engineering (3 hrs)   | ChEn 578 - Polymer Science (3 hrs)     |
| ChEn 433 - Energy Eng (3 hrs)           | ChEn 513 - Molecular Modeling (3 hrs)    | ChEn 641 - Combustion Modeling (3 hrs) |
| EngT 497R - Global Eng. Outreach (1 hr) | ChEn 518 - Biomedical Eng (3 hrs)        | ChEn 687 - Statistics for ChE (3 hrs)  |
|   | ChEn 541 - Numerical Methods (3 hrs)     |  |
|   | EngT 497R - Global Eng. Outreach (2 hrs) |  |
|   | ChEn 493R - Semiconductors (3 hrs)       |  |
|   | ChE 693R - Design Optimization (3 hrs)   |  |
|   | MeEn 522* - Combustion (3 hrs)           |  |

\*Alternates with ChE 633

| Academic Year 2017-2018                 |  |   |
|---|--|---|
| Fall 2017                               | Winter 2018                              | Spring 2018                             |
| ChEn 400 - Creativity (1 hr)            | ChEn 412 - Nuclear Engineering (3 hrs)   | ChEn 518 - Biomedical Eng (3 hrs)       |
| ChEn 433 - Energy Eng (3 hrs)           | ChEn 519 - Biochemical Eng (3 hrs)       | ChEn 733 - Coal Combustion (3 hrs)      |
| EngT 497R - Global Eng. Outreach (1 hr) | ChEn 578 - Polymer Science (3 hrs)       | ChEn 687 - Statistics for ChE (3 hrs)   |
| ChEn 493R - Semiconductors (3 hrs)      | ChEn 633 - Combustion (3 hrs)            | ChEn 593R - Electrochemical Eng (3 hrs) |
|   | EngT 497R - Global Eng. Outreach (2 hrs) |   |

| Academic Year 2018-2019                 |  |  |
|---|--|--|
| Fall 2018                               | Winter 2019                              | Spring 2019                            |
| ChEn 400 - Creativity (1 hr)            | ChEn 412 - Nuclear Engineering (3 hrs)   | ChEn 578 - Polymer Science (3 hrs)     |
| ChEn 433 - Energy Eng (3 hrs)           | ChEn 513 - Molecular Modeling (3 hrs)    | ChEn 641 - Combustion Modeling (3 hrs) |
| EngT 497R - Global Eng. Outreach (1 hr) | ChEn 518 - Biomedical Eng (3 hrs)        | ChEn 687 - Statistics for ChE (3 hrs)  |
| ChEn 493R - Semiconductors (3 hrs)      | ChEn 541 - Numerical Methods (3 hrs)     |  |
|   | EngT 497R - Global Eng. Outreach (2 hrs) |  |
|   | MeEn 522* - Combustion (3 hrs)           |  |

\*Alternates with ChE 633