



**INBOUND EXCHANGE OPPORTUNITIES  
 (2016-17)**

**Studying Abroad at the College of Engineering**

With over a one-hundred history of academic excellence and eight unique undergraduate programs, the College of Engineering at the University of Saskatchewan provides students with limitless opportunities for knowledge creation and extracurricular involvement.

Prospective students interested in studying at the College of Engineering during the 2016-17 academic year will be able to apply to register in a variety of courses. Upon receipt of an application, the College of Engineering will review each application and verify that the prospective student has completed the required prerequisite courses (or equivalents). Provided the prerequisite requirements are satisfied and that there is capacity in the course, prospective students will be approved to register in their desired courses.

**Verifying Prerequisite Requirements**

It is the responsibility of the prospective student to provide evidence that they have completed the necessary prerequisites (or equivalent) for the courses which they intend to register in. To do so, please review the [course description](#) for each course which you intend to register in. In doing so, please also review the course description for each listed prerequisite course. Prospective students will be required to submit documentation which verifies they have completed coursework deemed equivalent to the prerequisite courses.

**Courses Available Through Inbound Exchange**

The following courses have been approved by the College of Engineering as eligible for inbound exchange during the 2016-17 academic year. Permission to register in the courses listed below is granted on a case-by-case basis and is not guaranteed.

| Program              | Inbound Exchange Courses   |
|----------------------|--|
| Chemical Engineering | CHE 210: Fluid Mechanics I<br>CHE 220: Introduction to Process Engineering<br>CHE 223: Chemical Thermodynamics<br>CHE 315: Mass Transfer I<br>CHE 322: Mathematical Modelling<br>CHE 323: Chemical Engineering Thermodynamics<br>CHE 324: Heat Transfer<br>CHE 325: Process Engineering and Design I<br>CHE 326: Plant Design Project<br>CHE 333: Chemical Engineering Laboratory I<br>CHE 364: Petrochemical Engineering<br>CHE 369: Fundamentals of Mineral Processing and Hydrometallurgy<br>CHE 411: Chemical Reaction Engineering |

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|                               | <p>CHE 414: Chemical Engineering Laboratory II<br/>         CHE 421: Mass Transfer II<br/>         CHE 422: Process Engineering and Design II<br/>         CHE 423: Process Dynamics and Control<br/>         CHE 424: Chemical Engineering Laboratory III<br/>         CHE 431: Seminar<br/>         CHE 453: Corrosion Engineering<br/>         CHE 454: Design of Industrial Waste Treatment Systems<br/>         CHE 460: Oil and Natural Gas Upgrading<br/>         CHE 461: Introduction to Biochemical Engineering<br/>         CHE 464: Petroleum Production Engineering<br/>         CHE 469: Industrial Mineral Processing</p>   |
| <b>Civil Engineering</b>      | <p>CE 212: Civil Engineering Mechanics<br/>         CE 225: Fluid Mechanics<br/>         CE 315: Fluid Mechanics and Hydraulics<br/>         CE 317: Structural Analysis<br/>         CE 318: Applied Engineering Mathematics<br/>         CE 321: Structural Systems and Materials<br/>         CE 327: Sanitary and Environmental Engineering I<br/>         CE 329: Transpiration Engineering<br/>         CE 330: Geotechnical Engineering Practice<br/>         CE 414: Sanitary and Environmental Engineering II<br/>         CE 415: Structures for Water Management<br/>         CE 417: Pavement Materials and Design<br/>         CE 418: Design in Reinforced Concrete<br/>         CE 421: Engineering Project Management<br/>         CE 463: Advanced Structural Analysis<br/>         CE 464: Water Resources Engineering<br/>         CE 466: Geotechnical Modelling<br/>         CE 467: Transportation and Regional Development<br/>         CE 468: Environmental Geotechnics</p> |
| <b>Computer Engineering</b>   | <p>CME 331: Microprocessor Based Embedded Systems<br/>         CME 332: Real Time Computing<br/>         CME 342: VLSI Circuit Design<br/>         CME 433: Digital Systems Architecture<br/>         CME 451: Transport Networks</p>  |
| <b>Electrical Engineering</b> | <p>EE 204: Basic Electronics and Electrical Power<br/>         EE 205: Safety and Stewardship in Electrical and Computer Engineering<br/>         EE 216: Probability Statistics and Numerical Methods<br/>         EE 221: Analog Electronics<br/>         EE 232: Digital Electronics<br/>         EE 241: Introduction to Electric Power Systems<br/>         EE 265: Discrete Time Signals and Systems<br/>         EE 271: Materials and Heat Transport in Electrical Engineering<br/>         EE 301: Electricity Magnetism and Fields<br/>         EE 322: Microwave and RF Circuits<br/>         EE 341: Electrical Machines Fundamentals<br/>         EE 342: Transmission of Electrical Energy<br/>         EE 343: Power Electronics</p>  |

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|                                  | <p>EE 362: Digital Signal Processing<br/> EE 365: Algorithms and Circuits with Finite Precision Arithmetics<br/> EE 382: Control Systems<br/> EE 441: Power Systems Analysis<br/> EE 442: Power Systems Operation and Control<br/> EE 444: Advanced Analysis of Electric Machine and Drive Systems<br/> EE 456: Digital Communication<br/> EE 461: Digital Filter Design<br/> EE 465: Design of a DSP System<br/> EE 471: Introduction to Micro and Nanotechnology<br/> EE 472: Optoelectronics and Photonics<br/> EE 473: Electronic Devices</p> |
| <b>Engineering Physics</b>       | <p>EP 202: Electric and Magnetic Fields and Circuits<br/> EP 313: Advanced Analog Electronics and Instrumentation<br/> EP 325: Optical Systems Design<br/> EP 354: Modern Physics Laboratory II</p>   |
| <b>Environmental Engineering</b> | <p>ENVE 201: Principles of Environmental Engineering<br/> ENVE 212: Physical Principles of Plant Biosystems<br/> ENVE 432: Land Management and Reclamation<br/> ENVE 478: Contaminated Site Remediation Engineering<br/> ENVE 481: Sustainability and Environmental Assessment</p>  |
| <b>Geological Engineering</b>    | <p>Geological Engineering (GEOE) courses are not available for inbound exchange.</p>  |
| <b>Mechanical Engineering</b>    | <p>Mechanical Engineering (ME) courses are not available for inbound exchange.</p>  |
| <b>Rhetorical Communication</b>  | <p>RCM 300: Effective Professional Communication<br/> RCM 400: Rhetorical Theory and Practice of Persuasion<br/> RCM 401: Oral Rhetoric<br/> RCM 402: Interpersonal Communication and Rhetoric<br/> RCM 404: Leadership as Communication<br/> RCM 407: Rhetorical Editing<br/> RCM 408: Rhetorical Composition &amp; Writing for the Public</p>   |