

2025 - 2026 IVCC Transfer Guide for Engineering Majors

For information on Colleges or Universities not listed here, see a counselor. Several private colleges have evaluated IVCC course work for transfer, this includes DePaul, Bradley, Loyola, Monmouth, North Central and Eureka.

UNIVERSITY	OPTIONS AVAILABLE WITHIN DEPARTMENT	MINIMUM GPA REQUIRED	MAJOR COURSES REQUIRED FOR TRANSFER
EASTERN ILLINOIS UNIVERSITY	<ul style="list-style-type: none"> • Electrical • Computer (Pending approval) 		<p>MTH 2001, 2002, 2003, & 2007, CHM 1006, PHY 2011, 2012, 2013; CSI 1011. CSI 2011 (required for Computer; elective for Electrical).</p> <p>*World Language equivalent to 2 years HS ("C" or better) or 2 semesters college in a single language. https://www.eiu.edu/electric/ 2/25</p>
ILLINOIS STATE UNIVERSITY	<ul style="list-style-type: none"> • Electrical • Mechanical • General <p>*COMING FALL 2027*</p>	TBD	<p>*Official requirements will be set summer 2025, but students should focus on completing the following: MTH 2001, 2002, 2003, (2007-not a direct equivalent at this time), CHM 1006, PHY 2011, PHY 2012</p> <p>*These majors will be available for transfer students in fall 2027 1/25</p>
NORTHERN ILLINOIS UNIVERSITY	<ul style="list-style-type: none"> • Industrial & Systems Management • Health Systems Manufacturing • Mechanical • Computing & Simulation • Sustainable Energy Robotics & Controls • Electrical • Biomedical • Mechatronics • Technology (see to right) 	<p>2.0 BS track 90 hours</p> <p>3.0 required to apply to BS/MS or the BS/JD tracks</p>	<p>*2.3 GPA in the following: CHM 1006, ENG 1001, 1002, MTH 2001, 2002, 2003, 2007, PHY2011 & 2012, CSI 1011 (appeal to NIU to use as CSC1240). Complete a min of IAI or NIU Plus Gen Ed package. All ABET Acc.</p> <p>Industrial & Systems: TAM 2001, PSY 1000, EGR 1000, ECN2002 or 2003. ACT1010 may be used as an elective.</p> <p>Mechanical & Mechatronics: TAM 2001, EGR 1000</p> <p>Electrical: PHY2013, TAM 2001(not needed for admission but req in program.)</p> <p>Biomedical: BIO1001 or 1003, BIO1007 & 1008; TAM2001</p> <p>BS/MS track is 5 years: 90 credits and 3.0 GPA to apply</p> <p>Technology: Areas include Electrical, Manufacturing, Industrial Mgmt & Tech, Energy & Environ Tech and Applied Manufacturing. See the Industrial/Engineer Tech guide sheet. The Applied Manufacturing option guides are available at https://www.ivcc.edu/transferservices/articulationagreements.php as a 90 + 30 option</p> <p>*Human Diversity course required for this major, choose from NIU Plus guide. http://www.niu.edu/CEET/ 5/25</p>
SOUTHERN ILLINOIS UNIVERSITY	<p><u>B.S. - College of Engineering</u></p> <ul style="list-style-type: none"> • Biomedical • Civil • Computer • Electrical • Mechanical 	<p>2.0</p> <p>"C" or better in Math, Science, English courses</p>	<p>Biomedical: BIO 1003, 1007, 1008; CHM 1006, 1007, 2002; ECN 2002, 2003; ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PHL 1002, 1005; PHY 2011, 2012; PSY 1000; SPH 1001.</p> <p>Civil/Environmental: CHM 1006, 1007; ECN 2002; ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PHY 2011, 2012; SPH 1001; TAM 2001.</p> <p>Computer/Cybersecurity: BIO 1007 or CHM 1006; ECN 2004 (approved departmental elective); ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PHY 2011, 2012; SPH 1001.</p> <p>Electrical: BIO 1007 or CHM 1006; ECN 2004 (approved departmental elective); ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PHY 2011, 2012; SPH 1001.</p> <p>Mechanical & Energy: CHM 1006, 1007; ECN 2002; ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PHY 2011, 2012; SPH 1001; TAM 2001. https://catalog.siu.edu/colleges/ectm.php 2/25</p>
UNIVERSITY OF ILLINOIS CHICAGO	<p><u>College of Engineering</u></p> <ul style="list-style-type: none"> • Biomedical • Chemical • Civil • Computer • Computer Science • Electrical • Engineering Management • Engineering Physics • Environmental • Industrial • Mechanical 	<p>2.75</p> <p>Computer Science, Data Science, and CS+ Design majors have a recommended GPA of 3.0</p>	<p>The following courses are recommended and may be used as a determining factor for admission: CHM 1006; ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PHY 2011 & 2012 (PHY2013 may be needed for Electrical, Engineering Physics and Mechanical)</p> <p>Specific course information for transferring into each major is listed on a separate guide sheet for UIC College of Engineering is available in the Counseling Center. It is recommended students with an IVCC Counselor to assure proper sequencing of math and science courses and pay close attention to the UIC College of Engineering website and Transferology as requirements change.</p> <p>https://engineering.uic.edu/undergraduate/majors-and-minors/ 6/25</p>
UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	<p>Many Majors Available</p> <p>Chemical Engineering is housed in College of Liberal Arts and Science.</p>	<p>3.8 GPA, both cumulative and in MTH, CHM, CSI, and PHY courses is approximate range necessary to be competitive for admission to most majors</p>	<p>Specific course information for transferring into each major is listed on a separate guide sheet. Please see the Grainger College of Engineering Guide available in the Counseling Center. It is recommended students with an IVCC Counselor to assure proper sequencing of math and science courses.</p> <p>Available Majors: Aerospace; Agricultural and Biological; Bioengineering; Civil Engineering; Chemical Engineering (housed in LAS); Computer Engineering; Computer Science & Bioengineering; Computer Science & Physics; Electrical Engineering; Engineering Mechanics; Industrial Engineering; Materials Science & Engineering; Mechanical Engineering; Neural Engineering; Nuclear, Plasma and Radiological Engineering; Physics; Systems Engineering & Design</p> <p>https://admissions.illinois.edu/Content/docs/Handbook_ENG.pdf 2/25</p>
WESTERN ILLINOIS UNIVERSITY QUAD CITY CAMPUS ONLY	<ul style="list-style-type: none"> • BS in Engineering General (on hold) • Industrial • BS in Electrical • BS in Civil (on hold) • BS in Mechanical Design Manufacturing Robotics 	<p>2.0</p>	<p>All programs: C or better in CHM 1006; EGR 1000; MTH 2001, 2002, 2003, 2007; PHY2011 and 2012; Program is housed at the Quad Cities campus. First two years of the program may be completed at Macomb or any Community College. ECN2003 suggested. Internships required in all areas. ABET Accredited.</p> <p>Civil: *on hold, not admitting for FA25* 3 credits from BIO1004, 1009, GEG1002, GEG1003# or GEG1004#</p> <p>Engineering (Industrial) & Mechanical (Manufacturing): MET2201</p> <p>#Students must take one Global Issues course <u>or</u> Foreign Lang of 3yrs in HS <u>or</u> 3 coll. sem <u>and</u> one Multicultural Studies course. Courses may double dip Gen Ed/Global or Multi/Global but <u>NOI</u> Gen Ed/Multi, some majors at WIU incorporate the Global Issues course in the lower/ upper-level curriculum. Lower-level courses are marked on the WIU Equiv. guide. http://www.wiu.edu/academics/majors/business_and_technology/engineering.php http://www.wiu.edu/academics/majors/business_and_technology/mechanical-engineering.php 4/25</p>