

IVCC Transfer Guide for Mathematics 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"> <li>•BA Mathematics</li> <li>•Teacher Licensure Option</li> </ul>	2.0 Admission 2.65 Teacher Licensure	<p>MTH 2001, 2002, 2003, CSI 1011  <b>Mathematics:</b> MTH 2007.  <b>Teacher:</b> EDC 2000, 2003 &amp; 2006, PSI 1000. MTH 2007 will count toward major elective.                      “C” or better in all coursework is required.                      World Language equivalent to 2 years HS (“C” or better) or 2 semesters college in a single language.  <a href="http://www.eiu.edu/~math/">http://www.eiu.edu/~math/</a> 2/23</p>
ILLINOIS STATE UNIVERSITY	BS & BA <ul style="list-style-type: none"> <li>•General Mathematics</li> <li>•Actuarial Science</li> <li>•Math Teacher Education</li> <li>•Statistics</li> <li>•Data Science &amp; Computational Mathematics</li> </ul>	2.0 Mid-Range 2.88-3.84  Teach License 2.8 3.35-3.98 Actuarial Science 2.5 3.24-3.9	<p>Required for admission: C or better in MTH 2001 &amp; 2002. Additional Requirements: MTH2003, CSI 1011 (Recommend complete prior to application).  <b>Teach License:</b> (courses above and the following) EDC 2000, ECE 2005, PSY1000. 2.8 average required in MTH courses.  <b>Actuarial Sci:</b> ACT 1010, 1020, ECN 2002, 2003, MTH 2003; CSI 1011; “B” or better in MTH 2001 &amp; 2002 req. for admission.                      World Language requirement of 3 years in high school or 2 semesters college in a single language (“C” or better).                      B.A. – 4 semesters of World Language                      B.S. – Additional Math or Science (see catalog for options)                      *AMALI required for graduation. <a href="http://math.illinoisstate.edu/">http://math.illinoisstate.edu/</a>                      Admission to Math Teach Educ. &amp; Actuary Science is more competitive due to limited space available. 2/23</p>
NORTHERN ILLINOIS UNIVERSITY	<ul style="list-style-type: none"> <li>•General (BS)</li> <li>•Applied (BS)</li> <li>•Computational (BS)</li> <li>•Teacher Licensure (BS)</li> <li>•Statistics (BS)</li> <li>•Actuarial Science (BS)</li> </ul>	2.0 University 2.5 Teacher Licensure w/ 2.25 in MTH courses	<p>MTH 2001, 2002 &amp; 2003, CSI1011 (appeal for CSCI240). MTH 2007 required for General, Applied &amp; Teaching  <b>Teacher Lic:</b> Above + Courses in CHM and PHY w/ Lab, PSY1000, EDC2000 rec. 2.5 GPA for admission and a 2.25 GPA in all courses for major. Contact Renee Olsen (815) 753-5390 for application materials for NIU’s ILAS 201 no later than the 5<sup>th</sup> week of the NIU Fall or Spring that precedes your transfer to NIU. Leave message w/name, email &amp; materials needed. Must complete through MTH 2003 to be eligible to take ILAS201 1st semester at NIU.  <b>Actuarial Science:</b> B or better in ACT 1010, ECN 2002, ECN 2003; C or better in MTH 2001, 2002, 2003, CSI1011 (appeal for CSCI240).                      *Human Diversity course required for this major, choose from NIU Equiv. guide. <a href="http://www.math.niu.edu/">http://www.math.niu.edu/</a> 3/23</p>
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	<u>School of Mathematical and Statistical Sciences</u> <ul style="list-style-type: none"> <li>•B.S. Mathematics</li> <li>•B.S. Actuarial Sciences</li> <li>•B.S. Data Science</li> <li>•B.S. in Mathematics</li> <li>•B.S. Teacher Licensure</li> </ul>	2.0  2.75 - Teacher Licensure program.	<p>A.A., A.S., or IAI recommended prior to transfer.                      A minimum of 6 credit hours of Biological Sciences must be completed from the following: BIO 1003, 1004, 1009, 1008, 1009, PHY 1001, 2001, 2002, 2003, 2004.                      A minimum of 6 credit hours of Physical Sciences must be completed from the following: CHM 1004, 1006, 1007, GEL 1008, 1009, PHY 1001, 2001, 2002, 2003, 2004.                      Grade of C or better required in every Math course.  <b>B.S. Mathematics:</b> CSI 1011; MTH 2001, 2002, 2003, 2007.  <b>B.S. Actuarial Sciences:</b> ACT 1010, 1020; CSI 1011; ECN 2002, 2003; MTH 2001, 2002, 2003  <b>B.S. Data Science:</b> CSI 1011; MTH 2001, 2002, 2003, 2007.  <b>B.S. Teacher Licensure Option:</b> CSI 1011; EDC2000, 2006; ENG 1001, 1002; MTH 2001, 2002, 2003, 2007; PSY 1000. <a href="https://catalog.siu.edu/programs/math/">https://catalog.siu.edu/programs/math/</a> 2/23</p>
UNIVERSITY OF ILLINOIS CHICAGO	<u>College of LAS</u> B.S. Mathematics B.S. Mathematics and Computer Science B.S. Statistics B.S. Teaching of Math	2.5 for fullest consideration 24 or more sem. hours at the time of application to be considered a transfer student	<p>ENG 1001; ENG 1002; MTH 2001; MTH 2002; MTH 2003; Foreign Language;  <a href="https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/mcs/bs-math/">https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/mcs/bs-math/</a> MTH 1010 (Secondary Education); EDC 2000 (Secondary Education); CSI 1011 (Computer Science); A minor is strongly recommended in: physics, chemistry, biology, economics, or from the College of Engineering, except computer science (Computer Science); <a href="https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/mcs/bs-math-cs/">https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/mcs/bs-math-cs/</a> To declare the Teaching of Mathematics curriculum, students need a B or better in MTH 2000 or a cumulative math GPA of 2.50 or higher in all courses from MTH 2000 and up. <a href="https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/mcs/bs-teach-math/">https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/mcs/bs-teach-math/</a> There are specific GPA requirements to remain in good standing and remain eligible for candidacy in each of the programs.                      While transfer students may receive credit for an MSCS course taken at another institution, these courses often have deficiencies in credit hours. These deficiencies must be made up in higher level MSCS coursework at UIC.                      Analyzing the Natural World (2 lab courses); Exploring World Cultures = 1 course; Understanding the Past = 1 course; Understanding the Individual and Society = 1 course; Understanding the Creative Arts = 1 course; Understanding the U.S. Society <a href="https://las.uic.edu/academics/general-education-core/">https://las.uic.edu/academics/general-education-core/</a>  <a href="http://www.math.uic.edu/">http://www.math.uic.edu/</a> 3/23</p>
UNIVERSITY OF ILLINOIS SPRINGFIELD	<ul style="list-style-type: none"> <li>• Mathematical Sciences (online) (See Middle School – Mathematics)</li> </ul>	2.0	<p>AA, AS or IAI recommended prior to transfer. Major courses: MTH 2001, 2002 &amp; 2003.  <a href="http://www.uis.edu/math">http://www.uis.edu/math</a> 217.206.8405 3/23</p>
UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	<u>College of Liberal Arts &amp; Sciences</u> <ul style="list-style-type: none"> <li>•Mathematics &amp; Actuarial Science</li> <li>•Mathematics &amp; Computer Science</li> <li>•Statistics</li> <li>•Statistics &amp; Computer Science</li> </ul>	2.7 min. GPA for Mathematics and Actuarial Science 3.5 min. GPA for Mathematics and Computer Science 2.7 min. GPA for Statistics Additionally, 3.0 in all MTH courses.	<p><b>Mathematics:</b> Required for Sophomore-level admission: MTH 2001, 2002. Highly recommended: CSI 1011. Required for Junior-level admission: CSI 1011, MTH 2001, 2002. Highly recommended: MTH 2003; Campus-Wide Gen. eds.  <b>Actuarial Science:</b> Required for Sophomore-level admission: MTH 2001, 2002. Highly recommended ACT 1010, CSI 1011. Required for Junior-level admission: CSI 1011, MTH 2001, 2002. Highly recommended: ACT 1010; ECN 2002, 2003; MTH 2003; Campus-wide Gen. eds.  <b>Mathematics &amp; Computer Science:</b> Required for sophomore-level admission: CSI 1011; MTH 2001, 2002. Required for Junior-level admission: CSI 1011, 2011; MTH 2001, 2002, 2003. Recommended prior to transfer: ENG 1001, 1002; Campus-Wide General Education.  <b>Statistics:</b> Required for sophomore-level admission: MTH 2001, 2002. Required for Junior-level admission: MTH 2001, 2002, 2003. Recommended prior to transfer: ENG 1001, 1002, MTH 1008; Campus-Wide Gen. Eds.  <b>Statistics &amp; Computer Science:</b> Required for sophomore-level admission: CSI 1011; MTH 2001, 2002. Required for Junior-level admission: CSI 1011, 2011; MTH 2001, 2002, 2003. Recommended prior to transfer: ENG 1001, 1002; MTH 1008; Campus Wide General Education.                      *Students hoping to transfer to the Computer Science majors should consider taking equivalents to UIUC’s CS 128 and CS 173 at another community college, as IVCC does not offer these courses.  <a href="http://www.las.illinois.edu/">http://www.las.illinois.edu/</a> 2/23</p>
WESTERN ILLINOIS UNIVERSITY	BS in Mathematics <ul style="list-style-type: none"> <li>•Mathematics</li> <li>•Mathematics-Teacher Education</li> <li>•Data Science and Statistics</li> <li>•Actuarial Science</li> </ul>	2.0  2.5  Teacher Ed.	<p><b>Mathematics:</b> MTH2001, 2002, 2003, &amp; 2007, CSI1011. Lab science sequence required.  <b>Teacher Education:</b> ECE2005, EDC2006, MTH2001, 2002, 2003. Lab Science Sequence (BIO1001/1002, 1003/1004, CHM1006/1007, PHY2003/2004, etc)  <b>Data Sci/Stats:</b> CSI1011, 2011 <a href="http://www.wiu.edu/mathematics/">http://www.wiu.edu/mathematics/</a>  <b>Actuarial Sci:</b> ACT1010, ECN2002, 2003, CSI1011                      BS requires a total of 16 hrs Natural Sciences/Math, 12 hrs Social Science, 12 hrs Humanities/Fine Arts.                      #Students must take one Global Issues course or Foreign Lang of 3yrs in HS or 3 coll. sem and one Multicultural Studies course. Courses may double dip Gen Ed/Global or Multi/Global but NOT 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. 2/23</p>