

IVCC Transfer Guide for **Biology 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"> Biological Sciences BS Secondary Science Teacher Licensure Environmental Biology Option (see Environmental Studies Guidesheet) 	2.0 Admission 2.65 Teacher Licensure	<p>BIO 1003, 1004, CHM 1006, 1007, PHY 2003, 2004, MTH 1008 <u>or</u> ECN 2004. Bio Sciences: MTH 1007 or 2001, CHM 2002 & 2003, BIO 1007 counts as major elective Teacher: BIO 1007, 1008, EDC 2000, 2003 & 2006, GEL 1008, PSI 1000. “C” or better required in all coursework. World language requirement equivalent to 2 years high school (“C” or better) or 2 semesters college in a single language. http://www.eiu.edu/~biology/ 2/24</p>
ILLINOIS STATE UNIVERSITY	<p>BS</p> <ul style="list-style-type: none"> Biological Sciences <p><i>Sequences in:</i></p> <ul style="list-style-type: none"> -Conservation Biology -Physiology, Neuroscience & Behavior -Plant Biology -Zoology <ul style="list-style-type: none"> Molecular & Cellular Biology Biological Science Education 	2.5 Admission	<p><u>Biological Sciences</u> all sequences. 2 tracks, depending on future plans: 1. Students planning graduate school or Pre-Health majors BIO 1003* & 1004*; CHM 1006*, 1007, 2002; MTH 1006* & 1007 <u>or</u> MTH 2001* & 2002 (MTH 1008 may substitute for MTH 1007 or 2002); PHY 2003 2. Students NOT planning on graduate school or Pre-Health majors BIO 1003* & 1004; CHM 1004*; MTH 1006* & 1007 <u>or</u> MTH 2001* & 2002 (MTH 1008 may substitute for MTH 1007 or 2002) <u>Biology Education</u> ENG 1001*, SPH 1001*, BIO 1003* & 1004*, CHM 1006* & 1007, MTH 1006* <u>or</u> 2001*, PHY 2003 (or 105 at ISU), MTH 1008 <u>or</u> ECN 2004, PSY 1000, EDC 2000. <u>Molecular & Cellular Biology:</u> BIO 1003*, 1004*, 1009; CHM 1006, 1007, 2002, 2003; PHY 2011 & 2012 or 2003 & 2004; MTH 2001* & either MTH 2002 or MTH 1008. (MTH 2001 & BIO sequence should be taken before transferring) *Required prior to transfer. It is highly recommended to finish science sequencing prior to transfer. -2 Semesters World Language (or 3 years in high school) w/“C” or better. AMALI required for graduation. -Professional or Graduate schools may require a full year of both Organic Chemistry & Physics & volunteer experience in medical facility. -If 75+ credit hours, limited admission. http://www.bioilstu.edu/ 2/24</p>
NORTHERN ILLINOIS UNIVERSITY	<ul style="list-style-type: none"> Biology (BS) General Science (BS) Teacher Licensure 	2.0 2.5 Teacher Licensure w/ SCI 2.8 GPA	<p>BIO 1003, 1004, CHM 1006, 1007, 2002, 2003, MTH 1007 & STAT 200 (STAT 200 taken @ NIU) <u>or</u> MTH 2001 & 2002, PHY 2003 & 2004 <u>or</u> 2011 & 2012. BIO1009 can be used as an ELE toward major. Teacher Licensure requires a 2.8 GPA in all applicable BIO, CHM, and PHY courses and a C or better in all courses. PSY 1000 and MTH1007/STAT 200 seq (STAT200 @NIU) *Human Diversity course required for this major, choose from NIU Equiv. guide http://www.bios.niu.edu/ 3/24</p>
SOUTHERN ILLINOIS UNIVERSITY CARBONDALE	<ul style="list-style-type: none"> B.S. Biochemistry B.S. Biological Sciences Biology Education (Secondary Teacher. Ed.) Biomedical Sciences Ecology 	2.0 Same as university AA, AS or IAI recommended prior to transfer	<p>A.S. or IAI recommended for all majors prior to transfer Biochemistry: BIO 1003, 1004; CHM 1006, 1007, 2002, 2003; CSI 1011, ENG 2000; MTH 1008, 2001, 2002, 2003; PHY 2011, PHY 2012. Biomedical Sciences: BIO 1003, 1004; CHM 1006, 1007, 2002, 2003; CSI 1011; ENG 2000; MTH (1003+1004 <u>or</u> 1005 <u>or</u> 1007 <u>or</u> 2001), 1008; PHY 2003, 2004. Even if an Associate’s degree is earned prior to transfer, it will likely take students 3 years at SIUC to complete this degree. Ecology: AGR 1005; BIO 1003, 1004; CHM 1006, 1007, 2002; CSI 1011; ENG 2000; MTH 1007, 1008; PHY 2003 (or 2011). Secondary Teacher Ed.: ALH 1000; BIO 1003, 1004, 1009; CHM 1006, 1007; EDC 2000, 2006; ENG 1001, 1002; GEG 1005; GEL 1007 <u>or</u> 1008 <u>or</u> 1009; MTH 1004, 1008; PHY 2003, 2004; PSY 1000. A.S. or IAI recommended prior to transfer http://www.science.siu.edu/ 2/24</p>
UNIVERSITY OF ILLINOIS CHICAGO	<p>College of Liberal Arts and Sciences</p> <ul style="list-style-type: none"> B.S. in Biological Sciences Molecular, Cellular and Organismal Evolution, Ecology & Environmental 	Minimum of 2.0 Admission is competitive	<p>B.S. in Biological Sciences: BIO 1003, 1004; CHM 1006, 1007, 2002, 2003; MTH 2001; PHY 2003 and 2004; or PHY 1001 and 2001—in addition – at UIC: BIO 220 - Genetics; BIO 222-Cell Biology; and BIO 230 – Evolution and Ecology. In addition to required courses, students must complete one concentration chosen from General Biology; Molecular, Cellular, and Organismal Biology; or Evolution, Ecology, and Environmental Biology. BIO 1003 and BIO 1004 are approved for the Analyzing the Natural World General Education category. MTH 2001 will satisfy the Quantitative Reasoning requirement with a grade of C or better. Designated Biology courses taken at UIC fulfill the Writing-in-the-Discipline requirement. The Analyzing the Natural World and the two additional General Education course requirements can be satisfied with four PHY and CHM courses listed above. Recommended prior to transfer: ENG 1001; ENG 1002; world language and IAI https://catalog.uic.edu/ucatt/colleges-depts/liberal-arts-sciences/bios/bs-generalbiology/ 3/23</p>
UNIVERSITY OF ILLINOIS SPRINGFIELD	<ul style="list-style-type: none"> Biology Science of the Environment Biochemistry Pre-Medical 	2.0	<p>Recommend prior to transfer AA, AS or IAI – Major courses: Biology and Science of the Environment: BIO 1003; 1004; CHM 1006; CHM 1007; CHM 2002 Biochemistry: PHY 2003; PHY 2004; BIO 1003; CHM 1006; CHM 1007; CHM 2002; CHM 2003; MTH 2001; MTH 2002; MTH 1008 Pre-Medical: BIO 1003; BIO 1004; CHM 1006; CHM 1007; CHM 2002, PHY 2003; PHY 2004; CHM 2003; MTH 2001 http://www.uis.edu/biology/ 217.206.6630 3/23</p>
UNIVERSITY OF ILLINOIS-URBANA CHAMPAIGN	<p>College of Liberal Arts and Sciences (LAS)</p> <ul style="list-style-type: none"> Biochemistry Integrative Biology Molecular & Cellular 	3.2 min. GPA Biochemistry 3.0 min. GPA Integrative Biology 3.0 min. GPA Molecular & Cellular Biology	<p><u>Biochemistry</u> Required for Sophomore-level transfer: BIO 1003; CHM 1006, 1007; MTH 2001. Required for Junior-level transfer: CHM 2002; MTH 2002. Highly recommended prior to transfer: BIO 1004; CHM 2003; ENG 1001, 1002; MTH 2003; PHY 2011. Language Other than English (4th level), and Campus-Wide gen. eds. (Note: A general biology proficiency is required after being admitted to Biochemistry. Depending on results, lower-level general biology courses might have to be retaken). <u>Integrative Biology</u> Required for Sophomore –level transfer: BIO 1003, 1004; Recommended: ENG 1001, 1002; CHM 1006, 1007. Required for Junior-level transfer: BIO 1003, 1004; CHM 1006, 1007. Recommended prior to transfer: CHM 2002; ENG 1001, 1002; MTH 2001; Language Other than English (4th level), Campus-wide gen. eds. <u>Molecular and Cellular Biology</u> Required for both Sophomore-level and Junior-level transfer: BIO 1003, 1004. CHM 1006, 1007. Highly recommended prior to transfer: ENG 1001, 1002; CHM 2002; MTH 2001; Language Other than English (4th level), and Campus-Wide gen. eds. www.las.uiuc.edu 2/24</p>
WESTERN ILLINOIS UNIVERSITY	<p>B.S. in Biology</p> <ul style="list-style-type: none"> Botany Microbiology Zoology Environmental Bio Medical Sciences Science/Biology-Teacher Education. 	2.0 2.75 Medical Sciences	<p>Core Courses (all options): BIO1003, 1004, 1009 & 2 sem of Foreign Lang. or 2 yrs. in HS. BS requires a total of 16 hrs Natural Sciences/Math, 12 hrs Social Science, 12 hrs Humanities/Fine Arts</p> <ul style="list-style-type: none"> Botany, Microbiology, Zoology & Environ Options - CHM1006, 1007, 2002; MTH1003 & either MTH1008 or MTH2001; GEG1001 & 1002 or GEL1008 & 1009 or PHY2003 & 2004; Medical Sciences Option (for all pre-professional majors) – BIO1007, 1008, CHM1006, 1007, 2002, 2003, MTH1008, 2001; PHY2003, 2004 and minor required in CHM or PSY depending on career path Teacher’s Certification Option – ECE2005, EDC2006, CHM1006, 1007, GEL1008, MTH1003, MTH1008, and PHY2003. 3 years after transfer. <p>All BIO majors (except Teach Ed) require Foreign Lang. a min 2 yrs. in HS or 2 college semesters. IN ADDITION- WIU graduation requires either a 3rd yr of HS FL <u>or</u> a 3rd sem in college <u>or</u> 1 Global Issues course. One Multicultural Studies course is also required. These courses may not double dip, some majors at WIU incorporate the Global Issues course in the lower/upper level curriculum (pp 66 in catalog). Lower level courses are marked on the course to course WIU guide. http://www.wiu.edu/biology/ 2/24</p>