

## **University of Illinois at Springfield Two-Plus-Two Transfer Articulation Information**

Articulation requirements for community colleges interested in establishing a two-plus-two articulation plan with the University of Illinois at Springfield (UIS) Computer Science are delineated below. Community college administrators from the disciplines of computer science, information science, systems security and information assurance or technology are encouraged to contact Dr. Ted Mims at the UIS Computer Science Department for additional information on establishing two-plus-two articulation plans. He may be reached by email at [mims.ted@uis.edu](mailto:mims.ted@uis.edu) or by telephone at (217) 206-7326.

Students transferring from a community college to the Bachelor's Degree Program in Information Systems Security (ISS) at the University of Illinois at Springfield (UIS) should have met the Illinois Articulation Initiative's General Education Core Curriculum (GECC) Requirements. Additional information on UIS general education requirements are listed in Appendices I and II. The direct link to the web page for the GECC and the link to the *iTransfer* program are:

<http://www.itransfer.org/IAI/GenEd/Default.taf?page=refpage>

<http://www.itransfer.org/>

### **Illinois Articulation Initiative's General Education Core Curriculum Requirements**

**Communication:** Three courses (9 semester credits)

- Select a two-course sequence in writing (6 semester credits, C grade required) and,
- Select one course in oral communication (3 semester credits).

**Mathematics:** One or two courses (3 to 6 semester credits)

**Physical and Life Sciences:** Two courses (7 to 8 semester credits)

- Select one course from Physical Sciences.
- Select one course from Life Sciences.
- Select at least one laboratory course.  
(Students with the appropriate preparation may substitute an initial course designed for science majors for a more general course.)

**Humanities and Fine Arts:** Three courses (9 semester credits)

- Select one course from Humanities,
- Select one course from Fine Arts and
- Select one course from either Humanities or Fine Arts.

**Social and Behavioral Sciences:** Three courses (9 semester credits)

Select three courses from at least two different disciplines (e.g., no more than 2 courses from, for example, psychology).

For undergraduate students transferring from other colleges, CSC entrance requirements include two semesters of Java programming, one semester of discrete or finite mathematics, statistics and calculus.

**Computer Science Courses:**

- Two semesters of Java Programming

**Mathematics Courses:**

- One semester of Calculus
- One semester of Discrete Structures, Discrete Math or Finite Math
- One semester of Statistics

In addition to meeting the general education requirements, computer science majors are expected to take the computer science and math classes listed above prior to entering the degree program at UIS. Our online degree program requires students to have completed two semesters of Java and Discrete or Finite Math prior to acceptance. On campus students may be admitted prior to completing these courses and may take them at UIS.

Students may transfer in a maximum of 72 hours of lower-division course work. The first 60 hours are considered as meeting the initial 60 hours of lower-division course work. Students may petition to transfer an additional 12 hours to meet upper-division CSC electives or general elective degree requirements. Students are required to complete a minimum of 48 hours of upper-division credit. The bachelor's degree requirements are listed in Appendix III.

## Appendix I

### General Education Requirements for In-State and Out-of-State Students Transferring to UIS

#### In-State Students

- On-line Students

GEC is aware of the recent policy decision that states UIS will not offer lower division general education in on-line formats, except in isolated instances. Nevertheless, on-line coordinators and Admissions need to be aware of how on-line students fit into the new curriculum, and what their requirements are. The policy is stated as follows:

On-line students should meet IAI requirements for lower division general education, with the exception that those students will be allowed to count one performing arts course as humanities general education in accordance with the UIS General Education Curriculum. Meeting IAI requirements means students are responsible for only 3 hours of math. In-state on-line students are not responsible for taking Comparative Societies courses, since they are not offered on-line at UIS.

- Students Who Have Met IAI Requirements

The policy is stated as follows:

In-state students who have met IAI requirements for general education are deemed to have met their lower division general education requirements at UIS. They are not responsible for taking Comparative Societies courses or a second math course (unless required by the major). Students may use one performing arts course to meet humanities lower division requirements, even though performance courses are not accepted by IAI.

- Students with Associates of Arts, Science, or Teaching

The GEC reiterates the policy created by the GEWG (that students with these degrees have met their lower division general education requirements), with one clarification: students who have a performing arts course on their transcript may use the course to meet humanities lower division requirements.

- Students with Applied Associates Degrees

Students with Applied Associates Degrees should meet IAI requirements for lower division general education, with the following exceptions:

- Students will be allowed to count one performing arts course as humanities general education in accordance with the UIS General Education Curriculum. Meeting IAI requirements means students are responsible for only 3 hours of math.
- Students who have at least one humanities or social science deficiency must meet that deficiency by taking the appropriate Comparative Societies course

- [Students Who Have Not Met IAI Requirements and Have General Education Deficiencies](#)

The GEC reiterates the policy created by the GEWG (see Appendix I), with two clarifications:

- Students who bring 60 or more hours to UIS but still have a deficiency in humanities or social sciences, those students must meet that deficiency by taking the appropriate Comparative Societies course.
- Students who bring 60 or more hours to UIS are responsible for only 3 hours of math to meet lower division general education requirements

### Out-of-State Students

- [On-line Students](#)

Students who come to UIS from out of state are now primarily on-line students. Admissions evaluates their transcripts on a course-by-course basis. On-line students should meet the equivalent of IAI requirements for lower division general education, with the exception that they will be allowed to count one performing arts course as humanities general education in accordance with the UIS General Education Curriculum. Meeting IAI requirements means students are responsible for only 3 hours of math. Out-of-state on-line students are not responsible for taking Comparative Societies courses, since they are not offered on-line at UIS.

- [Students with Associates of Arts, Science, or Teaching](#)

The GEC reiterates the policy created by the GEWG (that students with these degrees have met their lower division general education requirements), with one clarification: students who have a performing arts course on their transcript may use the course to meet humanities lower division requirements.

- [Students with Applied Associates Degrees](#)

Students with out-of state Applied Associates Degrees should meet the equivalent of IAI requirements for lower division general education, with the following exceptions:

- Students will be allowed to count one performing arts course as humanities general education in accordance with the UIS General Education Curriculum. Meeting IAI requirements means students are responsible for only 3 hours of math.
- Students who have at least one humanities or social science deficiency must meet that deficiency by taking the appropriate Comparative Societies course

- [Students Who Have General Education Deficiencies](#)

The GEC reiterates the policy created by the GEWG (see Appendix I), with two clarifications:

- Students who bring 60 or more hours to UIS but still have a deficiency in humanities or social sciences, those students must meet that deficiency by taking the appropriate Comparative Societies course.
- Students who bring 60 or more hours to UIS are responsible for only 3 hours of math to meet lower division general education requirements.

## **Appendix II:** **General Education Requirements for Transfer Students**

All students without an Associates degree in arts, science, or teaching must satisfy the general education requirements at UIS if these were not completed elsewhere. Students must successfully complete the following general education requirements:

Written Communication (two composition courses)	At least 6 semester hours
Oral Communication (one course)	At least 3 semester hours
Humanities (three courses: one from fine or performing arts, one from other humanities, and one from either)	At least 9 semester hours
Social Science (three courses in at least two disciplines)	At least 9 semester hours
Math (one course)*	At least 3 semester hours
Science (one course must be in physical science, the other in life science; one course must be a lab science)	At least 7 semester hours
<b>Total</b>	<b>37 hours</b>

\* Students who transfer in with less than 30 college credit hours must take the 6 hours of math required for the UIS General Education Curriculum.

## **Appendix III**

### **University of Illinois at Springfield B.S. Information Systems Security Requirements (Effective Fall 2014)**

#### **Transfer Student Entrance Requirements (Should be taken during the first two years)**

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- CSC 225 Computer Programming Concepts I
- CSC 275 Computer Programming Concepts II
- CSC 302 Discrete Structures or MAT 114 Finite Math
- MAT 121 – Applied Statistics
- MAT 115 Calculus I

#### **Core Requirements (24 hours)**

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- CSC 305 Entrance Assessment (1st semester) (0 Hours)
- CSC 421 Introduction to Networks
- CSC 430 Foundations of Network Security and Information Assurance
- CSC 431 Network Security and Computer Ethics
- CSC 368 Systems Programming Languages
- CSC 465 Windows Network Administration
- CSC 438 Systems Security and Information Assurance Capstone
- CSC 405 Exit Assessment (final semester) (0 Hours)

#### **ISS Electives (12 hours):**

CSC elective courses should be chosen from 400 level courses other than CSC 410 and 442. You should choose courses that are in your chosen area of emphasis Information Systems Security. Consult your CSC advisor for final approval.

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#### **Engaged Citizenship Common Experiences (10 hours)**

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You must complete at least 3 hours in two of the following areas: U.S. Communities, Global Awareness, Engagement Experience, and Engaged Citizenship Common Experiences elective. Students are also required to complete 1 hour credit in the area of the Speaker Series. CSC 315 Robo/Ethics and CSC 442 Internet in American Life are recommended.

- U.S. Communities \_\_\_\_\_
- Global Awareness \_\_\_\_\_
- Awareness, Engagement Experience \_\_\_\_\_
- Speaker Series \_\_\_\_\_

NOTE: Students are required to complete a minimum of 120 hours and at least 48 of the hours must be upper-division classes at the 300 and above level. In addition, 30 of the upper-division hours must be taken at UIS.