UNIVERSITY OF ILLINOIS
College of Liberal Arts and Sciences

Transfer Information
As the largest undergraduate college at the University of Illinois, the College of Liberal Arts and Sciences (LAS) currently offers approximately 50 majors under the Sciences and Letters curriculum, 5 specialized curricula and 12 programs preparing for teacher licensure for secondary schools. The necessary core courses are available for students planning to pursue a career in law or health professions. Information concerning all Programs of Study is now located at this website: http://admissions.illinois.edu/Discover/Academics/majors.

University of Illinois course information to determine the applicability of certain courses toward career goals may be found at: https://courses.illinois.edu/cisapp/dispatcher/home. Staff members within the College are available to answer specific student questions. Transfer course information is available at the following website: https://www.transferology.com.

Enrolling transfer students are required to participate in the Summer Registration Program. This will enable each student to talk to an experienced adviser, plan a program of study and take part in programs designed to answer their questions.

MAJORS WITH SUPPORTING COURSEWORK
In addition to the Composition, Language and General Education requirements in LAS, students in the Sciences and Letters curriculum are required to study an academic discipline in some depth. At the University of Illinois, this study in depth is called a major and will include core courses in the subject itself and supporting coursework. This major may be oriented around a single discipline, or may be inter-disciplinary (e.g., Humanities, Latin American Studies, or Religious Studies). A major will normally consist of 40-60 hours of coursework designated by the department and approved by the faculty of the College of LAS. Of these hours, approximately 12-20 will be in supporting coursework. Descriptions of the requirements for each of the 50 majors in the Sciences and Letters curriculum may be found in the University of Illinois’ Transfer Handbook (Liberal Arts and Sciences section). The prerequisite coursework and requirements are listed in red italics for each of the programs. LAS allows for equivalent required transfer courses to be completed the summer prior to enrollment, but if the courses are not completed the offer of admission may be rescinded.

Normally, a major is not conceived as having a vocational focus or orientation and may or may not be directly related to vocational goals. In all LAS programs, however, it is expected that students will obtain methods of study and approaches to problems to aid them in achieving specific vocational goals. Students with special professional goals, such as law school and medical school, may successfully follow any number of undergraduate programs. For example, there are students with pre-law interests in many fields including political science, philosophy, mathematics, economics and English. There are students with pre-medical interests concentrating in English or history, as well as biology, chemistry or psychology.

Pre-professional Programs
Students planning to pursue a Pre-Dentistry, Pre-Law or Pre-Medicine program should refer to the Pre-professional Programs section, located at the following website: http://admissions.illinois.edu/Content/docs/Handbook_PreProfessional.pdf

Individual Plans of Study (IPS)
A unique curricular program at the University of Illinois called Individual Plans of Study (IPS) assists motivated students to design personalized and innovative programs of study under the guidance of faculty sponsors. As an alternative to the conventional major, IPS features sponsorship by a faculty advisor and program approval by the IPS Advisory Committee. IPS students must meet the regular LAS requirements in Composition, General Education, Language Requirement and advanced hours. Students desiring further information about IPS should inquire with Elaina Kutz at 2002 Lincoln Hall, Urbana, IL, 61801, E-mail ebielser@illinois.edu Phone (217) 300-3605.
Chemical and Biomolecular Engineering

Chemical and Biomolecular Engineering: http://catalog.illinois.edu/undergraduate/las/academic-units/chem-bio-engin/#majorstext

Transfer applicants who have completed more than 6 semesters or 80 hours of coursework are subject to an additional review. Priority is given to students who can complete degree requirements within a total of ten semesters in college (not counting summer sessions). A grade point average of 3.20 or higher (A=4.00) is required for admission. Applicants are considered on a space available basis.

Chemical and Biomolecular Engineering is open to Junior-level transfers only.

Admission requirements for transfer include completion of equivalent transfer coursework to the following University of Illinois courses listed in red italics, which must be successfully completed prior to the desired term of entry. Completion of equivalent transfer coursework to the Language Recommendation is highly recommended.

Language Recommendation: There is no longer a language requirement for transfer admission. The Chemical and Biomolecular Engineering program of study requires completion through the third level of one language other than English, either in high school or college, to graduate from the college. It is strongly recommended that transfer applicants complete this graduation requirement prior to the term of enrollment at the University of Illinois. Early completion of this graduation requirement will allow time to complete other degree requirements, e.g., General Education coursework. Length of time to graduation may increase, if the Language Requirement for graduation is not completed prior to enrollment.

CHEM 202, Accelerated Chemistry I\textsuperscript{1} and CHEM 203, Accelerated Chemistry Lab I\textsuperscript{1}
CHEM 204, Accelerated Chemistry II\textsuperscript{1} and CHEM 205, Accelerated Chemistry Lab II\textsuperscript{1}
MATH 220, Calculus\textsuperscript{2}
MATH 231, Calculus II\textsuperscript{2}
MATH 241, Calculus III\textsuperscript{2}
PHYS 211, University Physics: Mechanics\textsuperscript{3}
PHYS 212, University Physics: Elec & Mag\textsuperscript{3}
PHYS 214, Univ Physics: Quantum Physics\textsuperscript{3}

Completion of transfer equivalents to some of the following University of Illinois courses and graduation requirement prior to transfer is highly recommended.

CHEM 236, Fundamental Organic Chem I
CHEM 237, Structure and Synthesis
CHEM 436, Fundamental Organic Chem II
CS 101, Intro Computing: Engrg & Sci\textsuperscript{4}
MATH 285, Intro Differential Equations
MATH 415, Applied Linear Algebra\textsuperscript{2}
RHET 105, Writing and Research\textsuperscript{5}

Language Recommendation

Completion of transfer equivalents to University of Illinois coursework which satisfy the following general education categories\textsuperscript{6} prior to transfer is also highly recommended:

- Humanities and the Arts\textsuperscript{7}
- Social & Behavioral Sciences\textsuperscript{7}

Due to the specialized nature of Chemical and Biological Engineering curriculum, Junior-level transfer students typically require a total of five or six semesters on our campus to be graduated. We believe that this extra semester or two is a worthwhile investment, if it maximizes your opportunity for success and our experience strongly suggests that it does.

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Students who have taken a non-accelerated general chemistry sequence will enroll in CHEM 222, Quantitative Analysis Lecture and CHEM 223, Quantitative Analysis Laboratory, after transferring.

Depending on the available courses, the 3 semester sequence in calculus and analytic geometry, including basic linear algebra and matrix theory, should be equivalent to at least 12 semester hours.

Depending on the available courses, the most advanced physics sequence or the one for engineering majors must be followed. If no 3-semester, 12-hour sequence is available for engineering majors, a 2-semester, 10-hour sequence may also be acceptable, provided it includes modern physics.

The computer course must be a course in FORTRAN, C or C++ programming, including numerical methods (University of Illinois CS 101, Introduction to Computing, Engineering/Science); it should be a course intended for engineering majors.

At most institutions, the equivalent requires a two-course English Composition sequence.

For information about the University of Illinois' General Education requirements and courses, please refer to the following web link: https://courses.illinois.edu/gened/2015/fall.

Sixteen hours of approved general education electives are required. This must include at least six hours in social perspectives or behavioral sciences and at least six hours in literature and the arts or historical and philosophical perspectives. A current list of approved courses that may be used to satisfy this general education requirement is available in Room 209 RAL or the Undergraduate Program in Chemical Engineering website at: http://catalog.illinois.edu/undergraduate/las/academic-units/chem-bio-engin/#majorstext. If you have more than six hours in either category, the excess will be counted as other Humanities or Social Science hours. Students entering college in fall 1995 or later must satisfy the distribution requirements in Western and Non-Western Cultures. See LAS General Education Handout for details.
Chemistry Major and the Specialized Curriculum in Chemistry

Chemistry Major or Specialized Curriculum: http://catalog.illinois.edu/undergraduate/las/academic-units/chemistry/#majorstext

Transfer students seeking to complete an American Chemical Society [ACS] accredited program in Chemistry will need to meet with the Department of Chemistry and seek to complete the Specialized Curriculum in Chemistry after arrival on campus. Due to the nature and makeup of the Specialized Curriculum in Chemistry curriculum, time to degree completion for transfer students may likely be extended.

Transfer applicants who have completed more than 6 semesters or 80 hours of coursework are subject to an additional review. Priority is given to students who can complete degree requirements within a total of ten semesters in college (not counting summer sessions). A grade point average of 2.70 or higher (A=4.00) is required for admission. Applicants are considered on a space available basis.

For information about the University of Illinois’ General Education requirements and courses, please refer to the following web link: https://courses.illinois.edu/gened/2015/fall.

Admission recommendations for transfer are as follows and completion of the Language Recommendation for both programs is highly recommended.

Language Recommendation: There is no longer a language requirement for transfer admission. The College of Liberal Arts and Sciences requires completion through the fourth level of one language other than English, either in high school or college, to graduate from the college. The Specialized Curriculum in Chemistry only requires completion through the third level of one language other than English in high school or college. It is strongly recommended that transfer applicants complete the graduation requirement for their program of study prior to the term of enrollment at the University of Illinois. Early completion of this graduation requirement will allow time to complete other degree requirements, e.g., General Education coursework. Length of time to graduation may increase, if the Language Requirement for graduation is not completed prior to enrollment.

Chemistry – Sciences and Letters Curriculum

Sophomore-level transfer admission requires completion of equivalent transfer coursework to the following University of Illinois courses and graduation requirement:

- CHEM 102, General Chemistry I¹ and CHEM 103, General Chemistry Lab I¹
- CHEM 104, General Chemistry II¹ and CHEM 105, General Chemistry Lab II¹
- MATH 220, Calculus²
- MATH 231, Calculus II²
- RHET 105, Writing and Research³

Language Recommendation

Junior-level transfer admission requires completion of all equivalent transfer coursework required for Sophomore-level transfer admission and equivalent transfer coursework to the following University of Illinois course:

- MATH 241, Calculus III²

Junior-level transfer admission highly recommends completion of equivalent transfer coursework to the following University of Illinois courses:

- or CHEM 236, Fundamental Organic Chem I⁴ and CHEM 237, Structure and Synthesis⁴
- and CHEM 332, Elementary Organic Chemistry II or CHEM 432, Fundamental Organic Chemistry II

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Completion of transfer equivalents to some of the following University of Illinois courses prior to transfer is highly recommended.

PHYS 101, College Physics: Mech & Heat
PHYS 102, College Physics: E&M & Modern

**Specialized Curriculum in Chemistry**

**Sophomore-level transfer admission requires** completion of equivalent transfer coursework to the following University of Illinois courses and graduation requirement:

- CHEM 202, Accelerated Chemistry I
- CHEM 203, Accelerated Chemistry Lab I
- CHEM 204, Accelerated Chemistry II
- CHEM 205, Accelerated Chemistry Lab II
- or CHEM 102, General Chemistry I
- CHEM 103, General Chemistry Lab I
- CHEM 104, General Chemistry II
- CHEM 105, General Chemistry Lab II
- MATH 220, Calculus
- MATH 231, Calculus II
- RHET 105, Writing and Research
- Language Recommendation

**Junior-level transfer admission requires** completion of all equivalent transfer coursework required for **Sophomore-level transfer admission** and equivalent transfer coursework to the following University of Illinois course:

- MATH 241, Calculus III

**Junior-level transfer admission highly recommends** completion of equivalent transfer coursework to the following University of Illinois courses.

- CHEM 232, Elementary Organic Chemistry
- CHEM 233, Elem Organic Chem Lab
- or CHEM 236, Fundamental Organic Chem
- CHEM 237, Structure and Synthesis
- and CHEM 332, Elementary Organic Chemistry II
- or CHEM 432, Fundamental Organic Chemistry II
- PHYS 211, University Physics: Mechanics
- PHYS 212, University Physics: Elec & Mag

Due to the unique structure of the Specialized Curriculum in Chemistry, transfer students, who enter at the Junior-level by credit hours completed, typically require a total of five or six semesters on our campus to graduate. We believe that this extra semester or two is a worthwhile investment, if it maximizes your opportunity of success and our experience strongly suggests that it does. Students who join us with less than 60 credit hours will typically be able to complete their graduation requirements in a more traditional total of four years of college.

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1. Students who have completed a non-accelerated general chemistry sequence and choose the Specialized Curriculum in Chemistry will enroll in CHEM 222, Quantitative Analysis Lecture and CHEM 223, Quantitative Analysis Laboratory, **after transferring**. CHEM 222 and CHEM 223 are optional for the Chemistry major. Students pursuing a Science and Letters Curriculum may complete coursework equivalent to the University of Illinois’ CHEM 102-105 sequence or CHEM 202-205 sequence.

2. The transfer equivalent to the University of Illinois’ three-course Calculus sequence (MATH 220, 231, and 241) should be completed prior to transfer.

3. At most institutions, the equivalent requires a two-course English composition sequence.

4. **If the Organic Chemistry sequence is not completed by equivalent transfer coursework, time to degree completion for transfer students will likely be extended for this program of study.**

5. Depending on the available courses, the most advanced physics sequence or the one for engineering majors must be followed. If no 3-semester, 12-hour sequence is available for engineering majors, a 2-semester, 10-hour sequence may also be acceptable, provided it includes modern physics.

**CONTACT INFORMATION:** Allie Teagarden, Director of Recruitment & Admissions, University of Illinois, College of Liberal Arts & Sciences, 2002 Lincoln Hall, 702 South Wright Street, Urbana, IL 61801; Phone: (217) 333-1703; Fax: 217/244-9498
E-mail: las-newstudent@illinois.edu
Computer Science and Liberal Arts and Sciences Disciplines

This is an LAS major in Computer Science in conjunction with one of the following LAS Disciplines: Anthropology, Astronomy, Chemistry and Linguistics. Each is a flexible program for students who plan to pursue technical or professional careers in arts and sciences areas requiring a sound grounding in computer science. Students can use the supporting coursework to prepare for employment immediately upon graduation or for pursuing graduate study in a wide variety of fields or to complete a significant body of courses in a single area, such as a double major or minor. Examples include programming in sciences (such as bioinformatics, population genetics, demography, geographic information sciences, climate modeling, or social network analysis) or in the humanities (such as digital restoration, textual analyses, or other areas) or social sciences (such as population research). Information about these disciplines can be found at: http://catalog.illinois.edu/undergraduate/las/comp-science/#majortext

Students interested in Mathematics or Statistics should enroll in the MATH & CS or STAT & CS programs of study.
Computer Science and Chemistry

Please confer with the Computer Science advisor as well as the advisor in Chemistry.

Transfer applicants who have completed more than 6 semesters or 80 hours of coursework are subject to an additional review. Priority is given to students who can complete degree requirements within a total of ten semesters in college (not counting summer sessions). A grade point average of 3.20 or higher (A=4.00) is required for admission to Computer Science & Chemistry at least a grade point average of 3.20 or higher (A=4.00) for the transfer courses equivalent to the required courses listed below. Applicants are considered on a space available basis.

For information about the University of Illinois’ General Education requirements and courses, please refer to the following web link: https://courses.illinois.edu/gened/2015/fall.

Admission requirements for transfer include completion of equivalent transfer coursework to the following University of Illinois courses listed in red italics, which must be successfully completed prior to the desired term of entry.

Language Recommendation: There is no longer a language requirement for transfer admission. The College of Liberal Arts and Sciences requires completion through the fourth level of one language other than English, either in high school or college, to graduate from the college; however, it is strongly recommended that transfer applicants complete this graduation requirement prior to the term of enrollment at the University of Illinois. Early completion of this graduation requirement will allow time to complete other degree requirements, e.g., General Education coursework. Length of time to graduation may increase, if the Language Requirement for graduation is not completed prior to enrollment.

Sophomore-level transfer admission requires completion of equivalent transfer coursework to the following University of Illinois courses:

- CS 125, Intro to Computer Science
- MATH 220, Calculus
- MATH 231, Calculus II or CS 173, Discrete Structures

Junior-level transfer admission requires completion of all of the sophomore-level transfer requirements and equivalent transfer coursework to the following University of Illinois course:

- MATH 231, Calculus II

Sophomore level transfer admission to Chemistry highly recommends completion of transfer equivalents to the following University of Illinois courses.

- CHEM 102, General Chemistry I and CHEM 103, General Chemistry Lab I
- CHEM 104, General Chemistry II and CHEM 105, General Chemistry Lab II
- CS 173 Discrete Structures
- CS 225 Data Structures
- RHET 105 Writing and Research

Language Recommendation

Junior-level transfer admission to Chemistry highly recommends completion of all of the sophomore-level transfer admission recommendations of equivalent transfer coursework to the following University of Illinois courses and graduation requirement.

- CHEM 236, Fundamental Organic Chem I and CHEM 237, Structure and Synthesis
- CHEM 332, Elementary Organic Chemistry II or CHEM 432, Fundamental Organic Chemistry II
- MATH 225, Introductory Matrix Theory
- STAT 100, Statistics

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Completion of transfer equivalents to the following University of Illinois courses prior to transfer to both programs is **highly recommended.**

- PHYS 101, College Physics: Mech & Heat
- PHYS 102, College Physics: E&M & Modern

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1. CS 125, Intro to Computer Science is preferred. If a transferable equivalent is not available, a transferable equivalent to CS 101, Intro Computing: Engrg & Sci, may be substituted.

2. It is **highly recommended** that an equivalent transfer course to CS 173, Discrete Structures, be completed prior to transfer; however, transfer will be considered without completion of an equivalent course.

3. At most institutions, the equivalent requires a two-course English composition sequence.

4. If the Organic Chemistry sequence is not completed by equivalent transfer coursework, time to degree completion for transfer students may likely be extended for this program of study.

5. Effective Fall 2017 STAT 100 will be required for Junior-level transfer.