

CHEMISTRY TRANSFER GUIDE



This transfer guide will be useful to you as a transfer student, listing the general education courses along with the major requirements to assist you with your transition to Saint Xavier University. The front page lists the courses needed to satisfy the requirements for the Illinois Articulation Initiative General Education Core Curriculum referred to as the IAI/GECC. This agreement allows students to complete the majority of their general education requirements at the College of DuPage with the exception of three general education courses: Religious Studies, Philosophy 150 and an Interdisciplinary Studies course. Students must also satisfy the requirements for the major and reach a minimum of 120 credit hours. More details are available on the back.

College of DuPage

Illinois Articulation Initiative Details

Communication

ENGLI 1101 – Composition
 ENGLI 1102 – Composition II
 SPEEC 1100 – Fundamentals of Speech

9 Credit Hours

Three courses are required, two-courses in writing, **ENGLI 1101** and **ENGLI 1102**, and oral communication **SPEEC 1100**.

Mathematics

MATH 2231 – Calculus/Analytic Geom I
MATH 2232 – Calculus/Analytic Geom II

3-6 Credit Hours

Students are only required to complete 1 college level math course. Recommended courses listed.

Physical and Life Sciences

Physical Science: **CHEMI 1551** – Principles of Chemistry (and CHEMI 1552 for Biochemistry Majors.)
Life Science: **ANAT 1500, 1551, 1571, BIOLO 1100, 1110, 1120, 1130, 1151, BOTAN 1310 MICRO 1420, 220**

7-8 Credit Hours

Students must complete **1 Life Science** and **1 Physical Science** course according to the IAI.

Humanities and Fine Arts**Humanities**

ENGLI 1130, 1150, 1151, 1152, 1153, 1154, 1158, 1159, 1160, 1161, 1165, 2220, 2221, 2223, 2224, 2226, 2227, 2228, 2262 FRENC 2202, 2251, 2252 GERMA 2200, 2202, 2251, 2252 HISTO 1110, 1120, 1160, 2205, 2220, 2225, 2230, 2235 HUMNT 1102, 1103, 1105, 1110, 2019 PHILO 1100, 1110, 1116, 1120, 1125, 1150, 2012, 2011, 2050 RELIG 1100, 1110, 1120, 1150, 1155, 2160 SPANI 2202, 2206, 2208, 2251, 2252

9 Credit Hours**Fine Arts**

ART 1100, 2211, 2212, 2213, 2214 ENGLI 1135, 1154 HUMNT 1101, 1105, 1110, 2019 MUSIC 1100, 1104, 1115 THEAT 1100

Students must complete **1 Humanities, 1 Fine Arts, and 1 Humanities or Fine Arts** course according to the IAI.

Social and Behavioral Sciences

ANTHR 1000, 1100, 1105, 1125, 1130, 1200 ECONO 2200, 2201, 2202 GEOGR 1100, 1105, 1120, 1130, 1140 HISTO 1130, 1140, 2210, 2215, 2260 POLS 1100, 1101, 2203, 2220 PSYCH 1100, 2230, 2230, 2233, 2235, 2237, 2240 SOCIO 1100, 1120, 2210, 2215, 2220

9 Credit Hours

Students must take **3 social science** courses from at least **2 different disciplines**, or subject areas.

Social Sciences: ECONO, POLS, ANTHR, PSYCH, SOCIO, GEOGR, HISTO

TRANSFER GUIDE

SXU CHEMISTRY MAJOR

CHEM 111 – General Chemistry I (CHEMI 1551 @ COD)
CHEM 112 – General Chemistry II (CHEMI 1552 @ COD)
CHEM 211 – Analytical Chemistry
CHEM 251 – Organic Chemistry I (CHEMI 2551 @ COD)
CHEM 252 – Organic Chemistry II (CHEMI 2552 @ COD)
CHEM 301 – Biochemistry I (CHEMI 2213 @ COD)
CHEML 304 – Synthesis and Characterization Laboratory
CHEM 305 – Advanced Inorganic Chemistry
CHEM 311 – Instrumental Methods of Analysis
CHEM 331 – Physical Chemistry I
CHEM 332 – Physical Chemistry II
CHEM 356/357 – Senior Seminar
PHYS 201 – University Physics I

Either: (Choose 1 of these 2 courses)

PHYS 201 – General Physics I OR
PHYS 211 – University Physics I

Either: (Choose 1 of these 2 courses)

PHYS 202 – General Physics II OR
PHYS 212 – University Physics II

MATH 201 – Calculus w/ Analytical Geometry I –
(MATH 2231 @ COD)
MATH 202 – Calculus w/ Analytical Geometry II –
(MATH 2232 @ COD)
MATH/CMPSC – One additional 3 credit hour course in
math or computer science

Transcripts

Students can request their official College of DuPage transcripts by filling out the transcript request form online at www.myaccess.cod.edu or send a written request to COD Records Office, 425 Fawell Blvd, Glen Ellyn, IL 60137.

TRANSFER STUDENTS WITH MORE THAN 30 HOURS

Students who have completed the Illinois Articulation Initiative General Education Core Curriculum (IAI/GECC) requirements (37-41 credit hours) must take the following additional mission-based courses at SXU in order to fulfill their general education requirements:

Philosophy 150: The Examined Life (3 credit hours)

One Religious Studies course (3 credit hours)

Level III Interdisciplinary Seminar (3 credit hours)

Students who enter the University with all but 6 hours of the IAI/GECC can complete the requirements at Saint Xavier University. All other transfer students will be evaluated on an individual basis in terms of SXU General Education requirements.

For more information, contact advising@sxu.edu.

Pre-Professional Programs

Students may, in consultation with their academic advisors, choose courses of study that may best meet their educational goals as pre-professional students in the following fields:

Medicine

The minimum required coursework for admission to medical and veterinary schools within the United States includes two years of chemistry, one year of biology, one year of physics and a course in mathematics. The student with chemistry orientation is strongly encouraged to enroll in a program of study leading to a B.S. degree in chemistry or biochemistry.

Pharmacy Science

The pre-pharmacy program at SXU is a two-year course of study designed to prepare students to enter pharmacy schools. Pre-pharmacy students will be assigned advisors to assist them in course selection and admission to area colleges of pharmacy.

Office of Admission

(773) 298-3050

admission@sxu.edu

Records and Advising

(773) 298-3501

advising@sxu.edu

SAINT • XAVIER
UNIVERSITY