



**Freshman Year (CSCC)**

<b>Autumn Semester</b>	<b>Spring Semester</b>
ENGL 1100 Composition I (3)	CHEM 1172 General Chemistry II** (5)
MATH 1151 Calculus I**	STAT 1450 The Practice of Statistics (4)
CHEM 1171 General Chemistry I (5)	ENGL 2767 Writing About Science & Technology* (3)
BIO 1113 Biological Sciences I (4)	BIO 1114 Biological Sciences II** (4)
COLS 1100 First Year Experience (1)	
(18)	(16)

**Sophomore Year (CSCC)**

<b>Autumn Semester</b>	<b>Spring Semester</b>
PSY 1100 Intro to Psychology (or other SBS) (3)	CHEM 2252 Organic Chemistry II** (5)
CHEM 2251 Organic Chemistry I** (5)	CHEM 2255 Organic Chemistry Lab II** (3)
CHEM 2254 Organic Chemistry Lab I** (3)	BIO 2215 Intro to Microbiology** (4)
Historical Study* (3)	SOC 1101 Intro to Sociology (or other SBS)* (3)
Literature/Cultures & Ideas/Vis/Perf. Arts* (3)	
(17)	(15)

\* Course options to fulfill this requirement are listed on the last 2 pages of this document. \*\*Major courses required -see notes on page 2. \*\*\*Pharm Tech Cert. courses- see notes on page 2

**Junior Year (OSU)**

<b>Autumn Semester</b>	<b>Spring Semester</b>
PHR 2500 Drug Development, Discovery, & Delivery (3)	PHR 4000 Molecules to Medicine: An Integrated Approach to the Pharm. Sciences I (5)
PHR 1100 Pharmaceutical Sciences Survey (1)	PHR 4600 Pharmaceutical Sciences (3)
PHARM Major Choice Science Elective** (4)	PHR 3100 Physiology for Pharm. Sci. (4)
PHR 3200 Biochemistry for Pharm. Science (5)	PHARM 2101 Career Development in Pharm. Sci. (0.5)
PHR 2100 Career Development in Pharm. Sci. (0.5)	Citizenship for a Diverse and Just World Theme (3)
GENED 2601 Connections Seminar (1)	
(15.5-17.5)	(15.5)

**Senior Year (OSU)**

<b>Autumn Semester</b>	<b>Spring Semester</b>
PHARM Major Elective (3)	Citizenship for a Diverse & Just World Theme (3)
PHARM Major Elective (4)	PHR 3110 Drugs, Data, and Discourse (3)
PHARM Major Choice Science Elective (3)	PHARM Major Elective (3)
PHR 4010 Molecules to Medicine: An Integrated Approach to the Pharm. Sciences II (5)	PHR 3500 Pharmacoethics: Dilemmas & Decision Making (2)
	Elective (3)
(15)	(14)

- **CSCC General Education Requirements:** Students should choose the General Education courses for the AS degree in consultation with their academic and faculty advisors.
- **CSCC Degree Plan:** This Sample Graduation Plan was created with the assumption that students would complete the Biology transfer pathway before transferring into the stated bachelor's degree. Completing the general Associate of Science degree is also an option and this document can still be used for degree planning. If you have questions, contact a Columbus State Arts and Sciences Academic Advisor and an advisor at The Ohio State University.

- **AS Degree and Ohio Transfer 36:** Students who complete the AS degree at Columbus State earn the Ohio Transfer 36 (formerly the Ohio Transfer Module). OSU requires students to complete the Ohio Transfer 36 and/or the AS degree to fulfill the OSU General Education Foundations and Open Choice theme courses for the OSU degree. **If a student does not complete the AS degree and/or the Ohio Transfer 36, they will need to take additional general education course work at OSU to earn the degree.**
- **OSU General Education:** How a student completes these requirements will vary, depending on how they choose to complete the General Education requirements at Columbus State. Any General Education requirements not completed at Columbus State will need to be completed at Ohio State. Students should consult with a BSPS advisor at ([COP-BSPSInfo@osu.edu](mailto:COP-BSPSInfo@osu.edu)) to discuss appropriate and optimal course selections for General Education. The program outlined above is a sample scheduling plan for BSPS students. We encourage students to plan their academic program early, review the plan with their academic advisor, and update the plan as conditions change.
- **\*\*BSPS: Healthcare Professions Pathway:** Students complete a set of required Core Science courses at Columbus State as part of the AS Biology degree: CHEM 1171, 1172, 2251, 2252, 2254, and BIO 1113, 2215. These courses qualify students for upper division BPS required major core and elective course work. Students also complete BIO 1114 and 2300; and CHEM 2255 at CSCC for the AS Biology degree. These courses will apply as Choice Science courses for the BPS degree, and graduate/professional school prerequisites. For students needing the Physics sequence for graduate/professional school will complete these courses at OSU as Choice Sciences or electives. BIO 2215 is an admissions prerequisite for the Pharm.D., but if other graduation/professional programs prefer BIO 2300 that may be taken instead.

**MATH REQUIREMENT:** Associate of Science (AS) degree requires completion of MATH 1151 or STAT 1450. The BPS degree requires completion of a precalculus course/sequence (MATH 1120/1121, MATH 1148/1149, or MATH 1150) and STAT 1450. Students are strongly encouraged to complete MATH 1151 if they are planning to enroll in graduate degree programs following the bachelor's degree as some may require calculus. The Pharm.D. admission criteria at OSU do not include MATH 1151. If students complete MATH 1151 at CSCC or OSU, it will count as a "PHARM Major Choice Science Course" (if a precalculus course/sequence is completed) or as the GE Foundation Math requirement (if a student places directly into calculus) for the degree.

The Healthcare Professions Pathway Students must have 2.5 cumulative GPA or higher to be admitted to the BPS degree. Students will choose their remaining BPS degree electives in cooperation with their OSU BPS advisor. Students who have questions regarding the BPS degree and/or the specialization are encouraged to contact the BPS advisors at: [COP-BSPSInfo@osu.edu](mailto:COP-BSPSInfo@osu.edu)

### **Suggested Courses to Complete for OSU's General Education Requirement and Requirements for the Associate of Science Degree at Columbus State**

#### **Intermediate Composition**

*For the AS degree and the OT-36, students must complete one course from ENGL 2367, 2467, 2567, 2667, or 2767. ENGL 2767 is recommended.*

#### **Historical Study**

*For the AS degree and the OT-36, students must complete one Historical Study course. Any course from the list on the AS Biology major plan of study can be chosen for this requirement.*

#### **Social Science**

*For the AS degree and the OT-36, two social science courses are required from two different departments listed on the AS Biology major plan of study. For students seeking admission to some graduate/professional programs following the degree, PSY 1100 and/or SOC 1101 are recommended.*

#### **Literature/Cultures & Ideas/Visual & Performing Arts**

*For the AS degree and the OT-36, students must complete one course from Literature/Cultures & Ideas/Visual and Performing Arts. Any course listed in these categories from the AS Biology major plan of study may be chosen.*