



## Sample Transfer Plan

### Area of Focus: PRE-PHARMACY

**This Sample Transfer Plan is for students intending to prepare for a Pre-Pharmacy program after transfer but who have not selected a transfer institution.** Students who have a specific transfer school in mind should work with BHC and transfer school advisors to ensure the transfer school's requirements are met.

The Pre-Pharmacy area of focus prepares students to apply to Doctor of Pharmacy (PharmD) programs by enrolling in foundational courses in science and mathematics. Pharmacy programs award Doctor of Pharmacy degrees, which require at least six years of post-secondary study. Students may be required to pass a state board of pharmacy licensure examination at the conclusion of their program. Students who successfully complete the Doctor of Pharmacy degree may enter such careers in clinical care, administrative, sales, governmental, testing, teaching, and consulting. Two other areas, research and development, typically require an advanced degree beyond the PharmD degree.

The PharmD degree program requires at least two years of specific undergraduate pre-professional coursework followed by four academic years (or three calendar years) of professional study. Pharmacy colleges and schools may accept students directly from high school for both pre-pharmacy and pharmacy curriculum, or they may accept students after completion of the college course prerequisites. However, a majority of students enter a pharmacy program with two or more years of college experience.

**Transfer schools differ in their acceptance of Associate in Science degrees. Students may complete the Associate in Arts degree instead, or select courses to meet the transfer school's general education requirements in lieu of either the AA or AS degree. Math and science course sequences should be started as soon as possible.**

### General Education Recommendations; minimum 37 credits

<p>This section <b>partially completes</b> the <a href="#">Illinois Articulation Initiative General Education Core Curriculum (IAI GECC)</a>, which is a package of courses meeting general education requirements at more than 100 participating Illinois colleges and universities. Completion of the IAI GECC requires one more Social &amp; Behavioral Science course, and one more Humanities or Fine Arts course than the AS.</p>	
<p><b>Communication (9 credits) – all courses required</b>            ENG 101 Composition I (3) – <i>grade 'C' or better required</i>            ENG 102 Composition II (3) – <i>grade 'C' or better required</i>            SPEC 101 Principles of Speech Communication (3)</p>	<p><b>Social &amp; Behavioral Sciences (6 credits)</b>            ECON 221 Principles of Macroeconomics (3) <b>or</b> ECON 222 Principles of Microeconomics (3) <b>and</b>            PSYC 101 Intro to Psychology (3) <b>or</b> SOC 101 Principles of Sociology (3)</p>
<p><b>Humanities (3 credits)</b>            Choose one IAI: H, or HF course (3)</p> <p><b>Fine Arts (3 credits)</b>            Choose one IAI: F or HF course (3)</p>	<p><b>Mathematics (6 credits min.)</b>            MATH 124 Calculus I with Analytic Geometry (4) <b>and</b>            MATH 108 Statistics for General Education (3) <b>or</b> MATH 228 Probability and Statistics (3)</p>

Please consult transfer school's general education requirements as some PharmD programs do not require a Humanities and/or Fine Arts course.	
<b>Physical &amp; Life Sciences (10 credits min. including one IAI GECC lab course) – 7 credits must be IAI GECC approved</b> Physical Science – CHEM 101 General Chemistry I (4) <b>and</b> CHEM 102 General Chemistry II (4) Life Science – BIOL 105 General Biology I (5)	

### Elective Recommendations; up to 23 credits minimum

This section includes courses appropriate for this area of focus. Because transfer institutions vary in their acceptance of coursework, see <a href="#">Course Transfer Tables and Transferology</a> or an advisor. IAI courses are identified with an asterisk *.	
<b>Seek advising about other elective courses that may support your reasons for choosing this area of focus.</b>	
<b>Required Elective Courses:</b> BIOL 106 General Biology II (5)* BIOL 145 Anatomy and Physiology I (4)* CHEM 203 Organic Chemistry I (5)* CHEM 204 Organic Chemistry II (5)* PHYS 101 College Physics I (5)*	<b>Other Required Elective Courses:</b> <i>(depending on transfer school)</i> BIOL 146 Anatomy and Physiology II (4)* BIOL 261 Microbiology (4) CHEM 206 Basic Biochemistry (3)

**Second Language:** Consider potential second language admission and/or graduation requirements of transfer schools, which may be satisfied with high school and/or college courses. Consult an advisor.

**Non-Western studies graduation requirement.** To graduate with the AS degree, include at least one non-Western studies course. The course can simultaneously fulfill a general education requirement in humanities, fine arts, or social and behavioral science, or be taken as an elective. Choose from ANTH 100 or 102; ART 285 or 286; ENG 217, 218 or 219; HIST 115, 116, 141, 142, 151, or 222; HUM 102; IS 200; or MUSC 158.

### 60 total credits required for AS degree (General Education + Electives)

Students pursuing Pre-Pharmacy will often complete more than the 60 credits required for graduation due to math and science course sequences required for admission to PharmD programs.

### Learn More About This Area of Focus

- Get to know [Black Hawk College Career Services](#) Phone: 309-796-5626
- Visit [Career Coach](#) to Browse Careers. Includes job data and open positions for the greater Quad City region and beyond.
- Browse careers at [Collegegrad](#) [O\\*Net OnLine](#) [Occupational Outlook Handbook](#) [Occupational Profiles](#)
- For additional information visit [American Association of Colleges of Pharmacy](#) [American Pharmacists Association](#)

### Pre-Pharmacy Course Transferability

Course and transfer requirements can vary among institutions and may differ from the recommendations on this guide. Grades of 'C' or better may be required for biology, physics, chemistry, and mathematics courses

to transfer and for admission to a Doctor of Pharmacy program. A similar policy may exist for general education courses.

It is strongly recommended that students complete a sequence of science courses at the same institution **prior** to transferring (for example, BIOL 105 General Biology I **and** BIOL 106 General Biology II or CHEM 101 General Chemistry I **and** CHEM 102 General Chemistry II).

**Unless allowed by a specific transfer program, students should plan to take science courses and science labs in a face-to-face classroom setting rather than online.**

### Degree Timeframe

- Students who complete an average of 15 college-level credits in four consecutive fall and spring semesters could complete the degree in two years. Students determine their own pace and progress and should consider their work and personal commitments, course difficulty, course pre-requisites, and possible need for additional courses determined by placement assessments. Advisors are available to discuss credit load and schedules appropriate for student goals and circumstances.
- Students transferring before completing the associate degree should discuss [Reverse Transfer](#) with their BHC advisor. Black Hawk College will evaluate your college or university work to determine if those credits will fulfill the remaining requirements of the associate's degree.

### Advising Notes

- See the current [BHC Catalog](#) for all IAI course codes, course descriptions, pre-requisite information, and complete graduation requirements to earn the degree. The area of focus is not stated on student transcripts.
- This guide is not a substitute for advising.
  - Summer and Fall Semesters – be advised in February or March.  
Registration begins on the 1st Tuesday in April.
  - Spring Semester and the Minimester – be advised in September or October.  
Registration begins on the 1st Tuesday in November.

### Need Help?

Advisors and faculty are available to support your planning and transfer goals.

QC Campus Advising in Moline, IL Building 1, Advising Center 309-796-5100  Email <a href="mailto:advqc@bhc.edu">advqc@bhc.edu</a>	East Campus Advising in Galva, IL Building A, Room 246  309-854-1709	<a href="#">Natural Sciences &amp; Engineering Department</a>  For PharmD admission planning contact Professor Brian Glaser Email <a href="mailto:glaserb@bhc.edu">glaserb@bhc.edu</a>
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BHC develops Sample Transfer Plans as a service to students. This guide is for general planning purposes. Final responsibility for verifying all graduation and transfer requirements rests with the student.

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