

TRANSFER ADVISING GUIDE

Bucks County Community College to University of the Sciences in Philadelphia A.A. Biomedical Sciences (1105) → Professional Bridge - Pre-Pharmacy Early Assurance Program

Bucks Associate of Arts Biomedical Sciences (1105)

USciences Professional Bridge Pre-Pharmacy EA Program

Bucks Courses	Cr.	USciences Courses	Cr.
BIOL121 Biological Principles I	4	BS132 Introductory Biology I BS134 Introductory Biology I Lab [BS130 Introductory Biology I for students transferring prior to Fall 19]	3 1
BIOL122 Biological Principles II	4	BS133 Introductory Biology II BS135 Introductory Biology II Lab [BS131 Introductory Biology II for students transferring prior to Fall 19]	3 1
BIOL228 Microbiology <i>(serves as Pre-Allied Health Electives)</i>	4	BS243 Microbial Science BS244 Microbial Science Lab [BS241 Microbiology for students transferring prior to Fall 19]	3 1
CHEM121 Chemistry I	4	CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
CHEM122 Chemistry II	4	CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
MATH120 College Algebra	4	MA104 College Algebra <i>(serves as Free Elective)</i>	3
MATH125 Pre-Calculus <i>(serves as Pre-Allied Health Electives)</i>	4	MA107 Pre-calculus	3
MATH140 Calculus I <i>(serves as Pre-Allied Health Electives)</i>	4	MA122 Calculus	4
COMP110 English Composition I	3	WR101 Writing & Rhetoric I	3
COMP111 English Composition II	3	WR102 Writing & Rhetoric II	3
COMM110 Effective Speaking	3	CO101 Introduction to Communication	3
CISC110 Introduction to Information Science	3	CSX01 Computer Science Elective <i>(serves as Free Elective)</i>	3
HLTH120 Nutrition Replaced with: Choose One: [KINS 106,110,116,118,120,122,124,129, 130,133,134,135,141,142,145,150,154,155,156, 170,172,175-179,188,189]	2	PE101/102 Physical Education I/II	1
SOCI110 Introduction to Sociology	3	SO101 Introduction to Sociology <i>(serves as GenEd Social Sciences Requirement)</i>	3
PSYC110 Introduction to Psychology	3	PS101 Introduction to Psychology <i>(serves as GenEd MD Requirement)</i>	3

Arts/Humanities Choose One	3	<i>(serves as GenEd Humanities Requirement)</i>	3
Arts/Humanities Choose One <i>(serves as Pre-Allied Health Electives)</i>	3	<i>(serves as GenEd Humanities Requirement)</i>	3
Social Sciences course Choose One <i>(serves as Pre-Allied Health Electives)</i>	3	<i>(serves as GenEd MD Requirement)</i>	3
ECON112 Principles of Economics: Micro	3	EC201 Intro to Microeconomics <i>(serves as GenEd Social Sciences Requirement)</i>	3
Bucks credits toward AS	64	Credits Accepted	61
Total Bucks Credits	64	Total Credits Accepted	61

A minimum 3.0 cumulative GPA and a minimum grade of “B” in courses with prefixes BIOL, MATH and CHEM are required for admission to the Professional Bridge – Pre-Pharmacy Early Assurance program.

The courses encompassed in the A.S. degree from Bucks must be completed within the three years preceding matriculation at USciences.

The “USciences Letter of Intent” form has to be submitted at least one year prior to transferring to USciences. Three students per academic year will be admitted to the USciences Professional Bridge – Pre-Pharmacy Early Assurance program under this agreement. USciences may, at its discretion, extend the number of admitted students above three based on anticipated additional seats availability in the PharmD program and transfer student credentials.

PP190 Pharmacy Orientation (1 cr) will be waived for students transferring to USciences after earning the A.S. in Biomedical Sciences (1105). However, the total credits required for graduation (includes transfer credits) will remain unchanged.

A checklist for the 3rd year Professional Bridge – Pre-Pharmacy EA program at USciences, based on current approved curriculum, is provided in the following table. Transfer credits for the following courses will not be accepted as part of the bridge program, these courses need to be completed at USciences. [Note: To be admitted in the PharmD program students in the Professional Bridge Pre-Pharmacy EA must be full time during their transitional year (i.e. take minimum of 12 credits per semester) and meet the minimum USciences overall GPA and math/science GPA admission requirements. The following courses were identified by the Philadelphia College of Pharmacy as the pre-requisite courses that must be used to calculate the USciences overall GPA and math/science GPA, therefore they must be taken at USciences.]

THIRD YEAR AT USCIENCES – PROFESSIONAL BRIDGE PRE-PHARMACY EA		
FALL		
CH201	Organic Chemistry I	3
CH203	Organic Chemistry I Lab	1
BS310	Human Anatomy and Physiology I	3
PC303	Virtual Physiology Lab I	1
PY201*	Introductory Physics I	4
SPRING		
CH202	Organic Chemistry II	3
CH204	Organic Chemistry II Lab	1
BS311	Human Anatomy and Physiology II	3
PC304	Virtual Physiology Lab II	1
ST310	Biostatistics	3
	Elective (<i>course approved for GenEd skill: Ethics</i>)	3

* Students are highly recommended to take PY202 Introductory Physics II in the Spring semester

Students transferred under this agreement who have earned USciences overall GPA of 3.0, Math/Science GPA of 3.0, passed the PERC interview and completed PCP admission requirements (Signed Technical Standards, Statement of Personal and Professional Goals, PCP Academic Integrity Affidavit, Valid Social Security Number) will be admitted in the first professional year (P1) of the PharmD program. Students admitted into the PharmD program will earn the BS degree in Pharmaceutical and Healthcare Studies after the completion of the second professional year (P2), provided all the University requirements for the BS program are met.

Students transferred under this agreement who are not admitted to the professional year of the PharmD program by the end of the transitional year may complete a 4th year at USciences to earn a bachelor's degree and subsequently be admitted in the first professional year (P1) of the PharmD program if all the criteria for admission are successfully met. An example of a possible pathway to a USciences BS degree is given below:

4th YEAR AT USCIENCES – BS in BIOMEDICAL SCIENCE		
CH 34X	Biochemistry	3-4
	Clinical Biology Elective	3-4
BS 466	Genetics	4
BS 493	Biological Sciences Seminar I	1
BS 494	Biological Sciences Seminar II	1
BS XXX	Biological Science Elective	3-4
	Free Electives	11-16
BS 4XX	Science Electives	2-4

Progress in Completing USciences' General Education Curriculum

[For the most recent information, see the current USciences Catalog on its website]

Discipline Requirements (minimum of 41 credits)

Discipline Requirement	Community College Courses // USciences Courses*
Natural Science (ONE semester of lab required) 7 credits	CHEM121 & CHEM122
Mathematics 6 credits	MATH125 & MATH140
Communication (written & oral) 9 credits	COMP110 & COMP111 & COMM110
Social Sciences 6 credits	SOC110 & ECON112
Humanities 6 credits	Choose Two: Arts/Humanities AMSL 110,111 COMM 111,210,230 FREN 110,111,201,202,250,251 GRMN 110,111,201,202,250,251 HIST 101,111,112,121,126,131,136,139,140,141, 143,144, 146,149,151-156,159,160,170,172-178,180, 190,194-199, 200-208,210,214,216,217,218,219,239, 245,281,288 HUMN 107,108,110-114,120,121,122,125,127, 128,129,166 ITAL 110,111,201,202 JOUR 155,175,275,276,277,278,280 JPNS 101,102 LITR 205,206,231,232,234,235,246,254,255,261,262, 264, 271,273,275,277,278,279 MUSC 100,101,103,105,106,111,112,115,116,124, 129,130, 202,206,211,212,215,216,230 PHIL 105,111,115,125,140,145 SPAN 110,111,201,202,250,251 VAFA 100,110,141,147,148,149,151,157,160,161, 165,167, 168,169,171,181,191-196,200,202,203, 210,211,242,246, 249,257,260,261,271,282 VAFW 100,133,136,137,138,140,145,180,181,190,280 WMST 110
Multidisciplinary Inquiry 6 credits (may be substituted by Social Sciences &/or Humanities courses)	PSYC110 Introduction to Psychology Choose One: Social Sciences CRIJ 100, 110,115,116,120,130,140,160,210,220, 230,250,260,270,275,280,285 ECON 111,112,120 POLI 130, 111,112,120 ,212 PSYC 100,110,160,180,181,185,190,200,205,215, 230,270,280 SOCI 120,130,140,150,160 SSWK 115,140,215,255
Physical Education 1 credit	Choose One: [KINS 106,110,116,118,120,122,124,129, 130,133,134,135,141,142,145,150,154,155,156, 170,172,175-179,188,189]

Skills, Values, and Attitudes (one approved course for each)

Skills, Values, and Attitudes	Community College Course	USciences Course [RED = courses taken after transferring to USciences]
Ethics		See list of USciences courses approved for Ethics
Information Literacy	BIOL122	
Oral Communication	SOCI110	
Reasoning & Problem Solving	BIOL121	
Technology	BIOL121	
Written Communication	PSYCH110	

Skills requirement is usually fulfilled by taking courses that satisfy discipline requirements that are also approved for one or more GenEd skill.