

Exhibit 1

TRANSFER ADVISING GUIDE

**Brookdale Community College (Brookdale) to University of the Sciences in Philadelphia
A.S. Science Option, Mathematics/Science → Professional Bridge - Pre-Pharmacy Early Assurance Program**

**Brookdale Associate in Science
Science Option**

**USciences Bachelor of Science
Pre-Pharmacy EA Program**

Brookdale Courses	Cr.	USciences Courses	Cr.
ENGL121 English Composition: The Writing Process	3	WR101 Writing & Rhetoric I	3
ENGL122 English Composition: Writing and Research	3	WR102 Writing & Rhetoric II	3
SPCH115 Public Speaking <i>(serves as Elective)</i>	3	CO204 Public Speaking	3
BIOL101 General Biology I <i>(serves as Career Studies)</i>	4	BS109 General Biology I BS110 General Biology I Lab	3 1
BIOL102 General Biology II <i>(serves as Career Studies)</i>	4	BS119 General Biology II BS120 General Biology II Lab	3 1
BIOL213 Microbiology <i>(Serves as Career Studies)</i>	4	BS243 Microbial Science BS244 Microbial Science Lab	3 1
CHEM101 General Chemistry I <i>(serves as Career Studies)</i> <i>(online course NOT accepted for transfer)</i>	5	CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
CHEM102 General Chemistry II <i>(serves as Career Studies)</i> <i>(online course NOT accepted for transfer)</i>	5	CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
PHYS111 General Physics I (Non-Calculus) <i>(serves as Science with lab)</i>	4	PY201 Introductory Physics I	4
Choose One: MATH151 Intermediate Algebra MATH152 College Algebra & Trigonometry MATH172 Calculus II	4	<i>(serves as Elective)</i> MAX01 Mathematics Elective MAX01 Mathematics Elective MA221 Calculus II	4
MATH153 Pre-calculus Mathematics	4	MA107 Pre-calculus	3
MATH171 Calculus I	4	MA122 Calculus I	4
COMP129 Information Technology <i>(serves as Technology Competency/Gen Education)</i>	3	CS250 Information Technology <i>(serves as Free Elective)</i>	3
Humanities Elective Choose One	4	<i>(serves as GenEd Humanities Req.)</i>	3-4
Humanities or Social Science Elective Choose One	3-4	<i>(serves as GenEd Humanities Req.)</i>	3-4
ECON105 Intro to Microeconomics <i>(Serves as Social Science Elective)</i>	3	EC201 Intro to Microeconomics <i>(serves as GenEd Social Science Req.)</i>	3
Brookdale credits toward AS	60-61	Credits Accepted	56-58
Total Brookdale Credits	60-61	Total Credits Accepted	56-58

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

The courses encompassed in the A.S. degree from Brookdale 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 Science Option, Mathematics/Science. 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
ST310	Biostatistics	3
	Elective (course approved for Multidisciplinary Inquiry GenEd requirement and GenEd skill Ethics; e.g. MD210, MD212, MD213, MD215)	3
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
	Elective (<i>course approved for Social Science GenEd requirement and GenEd skill: Oral Communication; e.g. SO101, SO111, SO347, SO422</i>)	3
	Elective (course approved for GenEd skill Written Communication)	3

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
MDXXX	Multidisciplinary Inquiry GenEd requirement	3
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	BIOL101 & BIOL102
Mathematics 6 credits	MATH153 & MATH171
Communication (written & oral) 9 credits	ENGL121 & ENGL122 SPCH115
Social Sciences 6 credits	ECON105 Choose One USciences Course: PO (Political Science), PS (Psychology), SO (Sociology), AN (Anthropology), SS (Social Sciences), EC (Economics), CO (excluding CO 101 and CO 204)
Humanities 6 credits	Humanities GenEd Elective Choose Two

Multidisciplinary Inquiry credits (may be substituted by Social Sciences &/or Humanities courses)	6	Choose Two USciences MD courses
Physical Education credit	1	Waived

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	BIOL102	
Oral Communication		See list of USciences course approved for Oral Comm
Reasoning & Problem Solving	BIOL101	
Technology	BIOL101	
Written Communication		See list of USciences course approved for Written Comm

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