

Exhibit 19

TRANSFER ADVISING GUIDE

Brookdale Community College (Brookdale) to University of the Sciences in Philadelphia A.S. Business Administration → B.S. Pharmaceutical and Healthcare Business

Brookdale Associate in Science Business Administration

USciences Bachelor of Science Pharmaceutical and Healthcare Business

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	3	CO204 Public Speaking <i>(replaces CO101)</i>	3
BIOL101 General Biology I <i>(serves as General Education Lab Science)</i>	4	BS109 General Biology I BS110 General Biology I Lab [BS103 General Biology I for students transferring prior to Fall 19]	3 1
MATH145 Algebraic Modeling OR MATH151 Intermediate Algebra	4	MAX01 Mathematics Elective	4
MATH156 Mathematics for Management	3	MA104 College Algebra	3
BUSI105 Introduction to Business	3	PB120 Intro to Business Seminar	2
ACCT101 Principles of Accounting I	3	PB316 Accounting Theory	3
ACCT102 Principles of Accounting II	3	PBX01 Business Elective	3
ECON105 Macro Economics	3	EC101 Intro to Macroeconomics	3
ECON106 Micro Economics	3	EC201 Intro to Microeconomics	3
ECON225 Business Statistics	3	STX01 Statistics Elective <i>(replaces ST310)</i>	3
COMP129 Information Technology	3	CS250 Information Technology <i>(serves as Business Electives)</i>	3
ACCT112 Managerial Accounting <i>(serves as Career Studies)</i>	3	PB317 Managerial Accounting	3
BUSI205 Principles of Management <i>(serves as Career Studies)</i>	3	PB323 Principles of Management	3
BUSI221 Business Law <i>(serves as Career Studies)</i>	3	PB315 Business Law	3
Choose one: HIST105 World Civilization HIST106 World Civilization II ENGL235 World Literature I ENGL236 World Literature II	3	<i>(serves as GenEd Humanities Requirement)</i> HIX01 History Elective HIX01 History Elective ENX01 English Elective ENX01 English Elective	3

PHIL227 Introduction to Ethics	3	ET303 Ethics & Critical Thought <i>(replaces ET313)</i> <i>(serves as GenEd Humanities Requirement)</i>	3
PSYC105 Intro to Psychology I Or PSYC106 Intro to Psychology II	3	PS101 Intro to Psychology Or PSX01 Psychology Elective <i>(serves as GenEd MD requirement)</i>	3
Brookdale credits toward AS	59	Credits Accepted	58
Additional Courses Necessary to Enter USciences with Junior (U3) Status:			
BIOL102 General Biology II <i>(serves as Science with lab)</i>	4	BS119 General Biology II BS120 General Biology II Lab [BS104 General Biology II for students transferring prior to Fall 19]	3 1
Total Brookdale Credits	63	Total Credits Accepted	62

A minimum 2.5 cumulative GPA is required for admission.

Transfer students are required to participate in a weekend retreat (Friday 3 PM to Sunday 3 PM) early in their first semester at USciences.

Graduation from USciences with a BS degree requires completion of specified courses and a total of 120-136 credit hours, depending upon the degree program. In order to enter USciences with U3 (junior) status and to facilitate the completion of a BS degree in two years of study at USciences, all students are strongly advised to complete more than 60 total credits of course work which is eligible for transfer to USciences. Students interested in transferring to USciences are strongly urged to contact the USciences Admission Office early in their enrollment at Brookdale for advising.

Suggested checklist for 3rd and 4th year at USciences based on current approved curriculum:
(this checklist is for planning purpose only and it is subject to changes; it does not constitute a contract)

THIRD YEAR AT USCIENCES		
BS205	Human Structure & Function I	3
BS206	Human Structure & Function II	3
PB319	Intro to Marketing	3
PB242	Health Care System	2
PB243	Health Care System II	2
WR303	Professional Writing	3
PB335	Marketing Applications in the Clinical Use of Drugs I	3
PB383	Special Topics in Pharmaceutical and Health Care Business II	2
PB336	Marketing Applications in The Clinical Use of Drugs II	4
PB382	Special Topics in Pharmaceutical and Health Care Business I	2
PB478	Market Research	3

FOURTH YEAR AT USCIENCES		
PB318	Financial Management	3
PB452	Legal Aspects of Drug Development, Production and Management	2
PB483	Special topics in PHB IV	2
PB490	Senior Thesis Methodology	2
	Business Elective	4
PA564 OR PA565	Clinical Pharmacoeconomics OR Applied Pharmacoeconomics	2
PB435	Advertising & Promotion	3
PB437	International Marketing	2
PB482	Special Topics in PHB III	2
PB491	Senior Thesis	3
MD2XX	Multidisciplinary Inquiry GenEd requirement	3

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	MATH145 or MATH151 MATH156
Communication (written & oral) 9 credits	ENGL121 & ENGL122 & SPCH115
Social Sciences 6 credits	ECON105 ECON106
Humanities 6 credits	Choose one: HIST105 World Civilization HIST106 World Civilization II ENGL235 World Literature I ENGL236 World Literature II PHIL227
Multidisciplinary Inquiry 6 credits (may be substitute by Social Sciences &/or Humanities courses)	PSYC105 MD2XX
Physical Education 1 credit	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	PHIL227	
Information Literacy	BIOL102	
Oral Communication		USciences courses approved for Oral Comm
Reasoning & Problem Solving	BIOL101	
Technology	BIOL101	
Written Communication		WR303

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