

## Exhibit 29

### TRANSFER ADVISING GUIDE

#### Bucks County Community College to University of the Sciences in Philadelphia A.A. Business Administration (1009) → B.S. Pharmaceutical and Healthcare Business

#### Bucks Associate of Arts Business Administration (1009)

#### USciences Bachelor of Science Pharmaceutical and Healthcare Business

Bucks Courses	Cr.	USciences Courses	Cr.
ACCT105 Financial Accounting	4	PB316 Accounting Theory	3
ACCT106 Managerial Accounting	4	PB317 Managerial Accounting	3
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 Intro to Information Systems	3	CSX01 Computer Science Elective <i>(serves as Elective)</i>	3
ECON111 Principles of Economics – Macro	3	EC101 Intro to Macroeconomics <i>(serves as GenEd Social Science Requirement)</i>	3
ECON112 Principles of Economics – Micro	3	EC201 Intro to Microeconomics <i>(serves as GenEd Social Science Requirement)</i>	3
MATH115 Elementary Statistics	3	ST X01 Statistics Elective <i>(serves as GenEd Mathematics Requirement-Elective)</i>	3
MATH140 Calculus I	4	MA122 Calculus <b>(replaces MA104)</b>	4
MGMT100 Intro to Business	3	PB120 Intro to Business Seminar <b>PLUS</b> PB190 Business Orientation	2 + 1
MGMT230 Principles of Management	3	PB323 Principles of Management	3
<b>Choose ONE</b> MGMT130 Business Law <b>OR</b> MGMT180 Legal Environment of Business	3	PB315 Business Law	3
MKTG100 Principles of Marketing	3	PB319 Intro to Marketing Management	3
Laboratory Science BIOL121 Biological Principles I <i>(replaces BIO101)</i>	4	BS109 General Biology I BS110 General Biology I Lab [BS103 General Biology I for students transferring prior to Fall 19]	3 1
<u>Arts/Humanities</u> <b>Choose One</b>	3	<i>(serves as GenEd MD Requirement)</i>	3
Serves as Electives (9 credits):  <b>Choose One:</b> [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

AND			
BIOL122 Biological Principles II	4	BS119 General Biology II BS120 General Biology II Lab [BS104 General Biology II for students transferring prior to Fall 19]	3 1
AND			
<u>Social Sciences/Diversity Choose One</u> ECON111 Principles of Economics: Macro POLI111 American National Government PSYC110 Introduction to Psychology SOC110 Introduction to Sociology	3	(serves as GenEd MD Requirement) EC101 Introduction to Macroeconomics PO101 Intro to Political Sci & Am Gov't PS101 Introduction to Psychology SO101 Introduction to Sociology	3
<b>Bucks credits toward AA</b>	<b>61</b>	<b>Credits Accepted</b>	<b>58</b>
<b>Additional Courses Necessary to Enter USciences with Junior (U3) Status:</b>			
<u>Arts/Humanities Choose One</u>	3	(serves as GenEd Humanities Requirement)	3
<b>Total Bucks Credits</b>	<b>64</b>	<b>Total Credits Accepted</b>	<b>61</b>

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 Bucks for advising.

In addition to the coursework provided in the above table, the following types of courses will be needed to complete the *General Education Discipline Requirements* in USciences' General Education Curriculum:

- 3 credits in Humanities

These 3 credits of coursework will be completed after transferring to USciences (currently included in the 3<sup>rd</sup> year at USciences) by taking ET313 Business Ethics

Suggested checklist for 3<sup>rd</sup> and 4<sup>th</sup> 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)*

<b>THIRD YEAR AT USCIENCES</b>		
BS205	Human Structure & Function I	3
BS206	Human Structure & Function II	3
PB242	Health Care System	2
PB243	Health Care System II	2
WR303	Professional Writing	3
PA335	Marketing Applications in the Clinical Use of Drugs I	3
PB383	Special Topics in Pharmaceutical and Health Care Business II	2
ST310	Intro to Biostatistics	3
PA336	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
ET313	Business Ethics	3
	Business Elective	3

<b>FOURTH YEAR AT USCIENCES</b>		
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
PA564 OR PA465	Applied Pharmacoeconomics (Fall) OR Pharmacoeconomic Considerations in Medication Selections and Use (Spring)	2
PB435	Advertising & Promotion	3
PB437	International Marketing	2
PB482	Special Topics in PHB III	2
PB491	Senior Thesis	3
	Business Elective	3
	Business Elective	2
	Unrestricted Elective	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)*

<b>Discipline Requirement</b>	<b>Community College Courses // USciences Courses*</b>
Natural Science (ONE semester of lab required) <b>7 credits</b>	BIOL121 BIOL122
Mathematics <b>6 credits</b>	MATH115 & MATH140
Communication (written & oral) <b>9 credits</b>	COMP110 & COMP111 & COMM110
Social Sciences <b>6 credits</b>	EC101 Intro to Macroeconomics EC201 Intro to Microeconomics
Humanities <b>6 credits</b>	<p><b>Choose One Arts/Humanities</b></p> <p><b>AMSL</b> 110,111  <b>COMM</b> 111,210,230  <b>FREN</b> 110,111,201,202,250,251  <b>GRMN</b> 110,111,201,202,250,251  <b>HIST</b> 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  <b>HUMN</b> 107,108,110-114,120,121,122,125,127, 128,129,166  <b>ITAL</b> 110,111,201,202  <b>JOUR</b> 155,175,275,276,277,278,280  <b>JPNS</b> 101,102  <b>LITR</b> 205,206,231,232,234,235,246,254,255,261,262, 264,271,273,275,277,278,279  <b>MUSC</b> 100,101,103,105,106,111,112,115,116,124, 129,130,188,201,202,206,211,212,215,216,230  <b>PHIL</b> 105,111,115,125,140,145  <b>SPAN</b> 110,111,201,202,250,251  <b>VAFA</b> 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  <b>VAFW</b> 100,133,136,137,138,140,145,180,181, 190,280</p> <p><b>ET313 Business Ethics</b></p>
Multidisciplinary Inquiry <b>6 credits</b> (may be substituted by Social Sciences &/or Humanities courses)	<p><b>Choose one:</b></p> <p>ECON111 Principles of Economics: Macro  POLI111 American National Government  PSYC110 Introduction to Psychology  SOC110 Introduction to Sociology</p> <p><b>Choose one Arts/Humanities</b></p>
Physical Education <b>1 credit</b>	<p><b>Choose One:</b></p> <p>[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]</p>

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

<b>Skills, Values, and Attitudes</b>	<b>Community College Course</b>	<b>USciences Course</b> [RED = courses taken after transferring to USciences]
Ethics		ET313
Information Literacy	BIOL122	
Oral Communication	SOCI110	OR USciences course
Reasoning & Problem Solving	BIOL121	
Technology	BIOL121	
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.