

Exhibit 12

**TRANSFER ADVISING GUIDE**

**Delaware County Community College (DCCC) to University of the Sciences in Philadelphia  
A.S. Science for Health Professions → B.S. Medical Humanities**

**DCCC Associate in Science  
Science for Health Professions**

**USciences Bachelor of Science  
Medical Humanities**

<b>DCCC Courses</b>	<b>Cr.</b>	<b>USciences Courses</b>	<b>Cr.</b>
ENG100 English Composition I	3	WR101 Writing & Rhetoric I	3
ENG112 English Composition II: Writing about Lit.	3	WR102 Writing & Rhetoric II	3
COMM100 Interpersonal Communication OR COMM111 Public Speaking	3	CO101 Intro to Communication OR CO204 Public Speaking	3
COMM100 Interpersonal Communication	3	CO101 Intro to Communication	3
DPR100 Introduction to Information Technology	3	ISX01 Information Science Elective <i>(serves as Free Elective)</i>	3
MAT152 Precalculus	4	MA107 Precalculus	3
MAT160 Calculus I <i>(serves as Mathematics Required Elective)</i>	4	MA110 General Calculus	3
MAT210 Statistics <i>(serves as Mathematics Elective)</i>	3	ST310 Intro to Biostatistics	3
CHE110 General Chemistry I	4	CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
CHE111 General Chemistry II <i>(serves as Laboratory Science Required Elective)</i>	4	CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
BIO110 Intro Biology I	4	BS109 General Biology I BS110 General Biology I Lab  [BS103 General Biology I for students transferring prior to Fall 19]	3 1
BIO111 Intro Biology II <i>(serves as Laboratory Science Required Elective)</i>	4	BS119 General Biology II BS120 General Biology II Lab  [BS104 General Biology II for students transferring prior to Fall 19]	3 1
PHY110 College Physics I <i>(serves as Math/Science Required Elective)</i>	4	PY201 Introductory Physics I	4
PHY111 College Physics II <i>(serves as Math/Science Required Elective)</i>	4	PY202 Introductory Physics II	4
Diversity and Social Justice – Social Sc <b>Choose One:</b> HIS110, 120, 150, 160 POL120 PSY205, 210, 220, 221, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215	3	<i>(serves as GenEd MD Requirement)</i> HIX01 PO101 PSX01, 200, 347, 301, 204, 200, 201 SO101, 205, 306, AN103, SO330	3

Social Science Elective <b>Choose One:</b> ECO210, 220 EDU200 HIS100, 110, 120, 130, 140, 150, 160, 201, 250, 254, 255 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260	3	(serves as GenEd MD Requirement) EC101, 201 PL302 HIX01, X01, X01, 101, 102, X01, X01, X01, X01, X01, X01 P101 PS309, X01, X01, X01, 200, 347, 301, X01, 204, 200, 201 SO101, 205, 306, AN103, SO330, SSX01	3
Social Science Elective <b>Choose One:</b> ECO210, 220 EDU200 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260	3	(serves as GenEd Social Sciences Requirement) EC101, 201 PL302 P101 PS309, X01, X01, X01, 200, 347, 301, X01, 204, 200, 201 SO101, 205, 306, AN103, SO330, SSX01	3
<b>Choose One:</b> (serves as Open Elective) ECO210, 220 EDU200 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260	3	(serves as GenEd Social Sciences Requirement) EC101, 201 PL302 P101 PS309, X01, X01, X01, 200, 347, 301, X01, 204, 200, 201 SO101, 205, 306, AN103, SO330, SSX01	3
Humanities Elective <b>Choose One:</b> ARB101, 102 ART100, 110 ASL100, 102 DRA110 ENG241, 250 FRE101, 102 GER101 HUM110, 142, 160 PHI100, 110 SPA101, 102	3	(serves as Humanities GenEd Requirement) AC101, 102 HUX01, ARX01 HUX01 HUX01 ENX01 FR101, 102 GE101 HUX01, HU340, RS310 PL101, ETX01 SP101, 102	3
Humanities Elective <b>Choose One:</b> (serves as Open Elective) ARB101, 102 ART100, 110 ASL100, 102 DRA110 ENG241, 250 FRE101, 102 GER101 HUM110, 142, 160 PHI100, 110 SPA101, 102	3	(serves as Humanities GenEd Requirement)  AC101, 102 HUX01, ARX01 HUX01 HUX01 ENX01 FR101, 102 GE101 HUX01, HU340, RS310 PL101, ETX01 SP101, 102	3
<b>DCCC credits toward AS</b>	<b>65</b>	<b>Credits Accepted</b>	<b>63</b>
<b>Total DCCC Credits</b>	<b>65</b>	<b>Total Credits Accepted</b>	<b>63</b>

A minimum 2.5 cumulative GPA is required for admission.

A minimum grade of “B” in ENG100 and ENG112. Students who do not meet these minimum grade requirements can still transfer under the terms of this articulation agreement, subject to USciences departmental review and approval.

The courses encompassed in the A.S. degree from DCCC must be completed within the three years preceding matriculation at USciences. Students who take more than 3 years to complete the A.S. degree can still transfer under this articulation agreement, subject to USciences departmental review and approval.

PE101/102-Physical Education I/II (1 cr) will be waived for students transferring to USciences after earning the A.S. in Science for Health Professions. However, the total credits required for graduation (includes transfer credits) will remain unchanged.

Transfer students are required to participate in HU101-Orientation to Humanities (1 cr, Pass/Fail) which is a relaxed introduction to the various Humanities subjects, with modest weekly reading assignments, and class discussion; no writing requirements.

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 DCCC for advising.

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)

THIRD and FOURTH YEAR AT USCIONES		
HU101	Orientation to Humanities	1
	*Major Distribution <b>Choose 5:</b> Fine Arts English History Philosophy Classic Religious Study Foreign Language (two semesters)	15
	Humanities Electives	30
	Science Electives	5
HU494	&Pre-Capstone	3
HU495	&Capstone	3
	Free Elective	3

\* students transferring prior to Fall 19 will have to complete Foreign Language, English, History, Philosophy and Ethics

& students transferring prior to Fall 19 will have to complete Senior Seminar instead of HU494-495

## 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) <b>7 credits</b>	CHE110 & CHE111
Mathematics <b>6 credits</b>	MAT152 & MAT210
Communication (written & oral) <b>9 credits</b>	ENG100 & ENG112 & COMM100 or COMM111
Social Sciences <b>6 credits</b>	<b>Choose Two:</b> ECO210, 220 EDU200 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260
Humanities <b>6 credits</b>	<b>Choose Two:</b> ARB101, 102 ART100, 110 ASL100, 102 DRA110 ENG241, 250 FRE101, 102 GER101 HUM110, 142, 160 PHI100, 110 SPA101, 102
Multidisciplinary Inquiry <b>6 credits</b> (may be substituted by Social Sciences &/or Humanities courses)	<b>Choose One:</b> HIS110, 120, 150, 160 POL120 PSY205, 210, 220, 221, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215  <b>Choose One:</b> ART110 ENG241 PHI100
Physical Education <b>1 credit</b>	<b>Waived</b>

*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	BIO111	
Oral Communication	SOC110	OR USciences course approved for Oral Comm
Reasoning & Problem Solving	BIO110	
Technology	BIO110	
Written Communication		See list of USciences courses approved for Written Com

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