

**Exhibit 10**

**TRANSFER ADVISING GUIDE**

**Delaware County Community College (DCCC) to University of the Sciences in Philadelphia  
A.S. Mathematics/Natural Science → B.S. Neuroscience**

**DCCC Associate in Science  
Mathematics/Natural Science**

**USciences Bachelor of Science  
Neuroscience**

<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
DPR100 Introduction to Information Technology	3	ISX01 Information Science Elective <i>(serves as Free Elective)</i>	3
MAT152 Precalculus <i>(serves as Quantitative Reasoning Math Elective)</i>	4	MA107 Precalculus	3
MAT160 Calculus I <i>(serves as Mathematics Elective)</i>	4	MA122 Calculus I	4
CHE110 General Chemistry I <i>(serves as Scientific Inquiry Elective)</i>	4	CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
CHE111 General Chemistry II <i>(serves as Laboratory Science Elective)</i>	4	CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
CHE200 Organic Chemistry I <i>(serves as Mathematics/Laboratory Science Elective)</i>	4	CH201 Organic Chemistry I CH203 Organic Chemistry Laboratory I	3 1
CHE201 Organic Chemistry II <i>(serves as Mathematics/Laboratory Science Elective)</i>	4	CH202 Organic Chemistry II CH204 Organic Chemistry Laboratory II	3 1
BIO110 Intro Biology I <i>(serves as Mathematics/Laboratory Science Elective)</i>	4	BS132 Introductory Biology I BS134 Introductory Biology I Lab  [BS130 Introductory Biology I for students transferring prior to Fall 19]	3 1
BIO111 Intro Biology II <i>(serves as Mathematics/Laboratory Science Elective)</i>	4	BS133 Introductory Biology II BS135 Introductory Biology II Lab  [BS131 Introductory Biology II for students transferring prior to Fall 19]	3 1
PHY110 College Physics I <i>(serves as Open Elective)</i>	4	PY201 Introductory Physics I	4
PHY111 College Physics II <i>(serves as Open Elective)</i>	4	PY202 Introductory Physics II	4
Diversity and Social Justice – Social Sc <b>Choose One:</b> HIS110, 120, 150, 160 POL120	3	<i>(serves as GenEd MD Requirement)</i> HIX01 PO101	3

PSY205, 210, 220, 221, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215		PSX01, 200, 347, 301, 204, 200, 201 SO101, 205, 306, AN103, SO330	
Global Understanding - Humanities <b>Choose One:</b> ART110 ENG241 PHI100	3	(serves as GenEd Humanities Requirement) ARX01 ENX01 PL101	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 PO101 PS309, X01, X01, X01, 200, 347, 301, X01, 204, 200, 201 SO101, 205, 306, AN103, SO330, SSX01	3
PSY140 General Psychology (serves as Open Elective)	3	PS101 Intro to Psychology (serves as GenEd Social Sciences Requirement)	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 MD Requirement) EC101, 201 PL302 PO101 PS309, X01, X01, X01, 200, 347, 301, X01, 204, 200, 201 SO101, 205, 306, AN103, SO330, SSX01	3
<b>DCCC credits toward AS</b>	<b>67</b>	<b>Credits Accepted</b>	<b>66</b>
<b>Total DCCC Credits</b>	<b>67</b>	<b>Total Credits Accepted</b>	<b>66</b>

A minimum 2.7 cumulative GPA is required for admission.

A minimum grade of “B” in courses with prefixes: MAT160, PHY110&111, BIO110&111, and PSY140. 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), NS101-Neuroscience Orientation (1 cr) and NS263-Neuroscience Colloquium (1 cr) will be waived for students transferring to USciences after earning the A.S. in Mathematics/Natural Science. However, the total credits required for graduation (includes transfer credits) will remain unchanged.

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.

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 can be taken at DCCC or after transferring to USciences (currently included in the 3<sup>rd</sup> and 4<sup>th</sup> year at USciences). If the 3 credits are taken at DCCC, they should be selected from the following lists:

<b>3 credits in Humanities: Select ONE</b>	<b>GenEd Discipline Requirements – Humanities</b>
ARB101, 102	AC101, 102
ART100, 110	HUX01, ARX01
ASL100, 102	HUX01
DRA110	HUX01
ENG241, 250	ENX01
FRE101, 102	FR101, 102
GER101	GE101
HUM110, 142, 160	HUX01, HU340, RS310
PHI100, 110	PL101, ETX01
SPA101, 102	SP101, 102

Suggested checklist for 3<sup>rd</sup> and 4<sup>th</sup> year at USciences for **BS in Neuroscience** 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>		
NS 260	Introduction to Neuroscience I	3
NS 261	Introduction to Neuroscience II	3
	Neuroscience CORE courses	6
	Neuroscience TRACK electives	12-16
CH 34X	Biochemistry	3-4
	Directed Research or Independent Study	2

<b>FOURTH YEAR AT USCIENCES</b>		
	Neuroscience CORE course	3
	Neuroscience TRACK electives	6-8
NS 495	Seminar in Neuroscience I	1
	Neuroscience Capstone	1
	GenEd Humanities Requirement	3
	Free Elective(s)	12-16

### 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 ( <b>ONE</b> semester of lab required) <b>7 credits</b>	CHE110 & CHE111
Mathematics <b>6 credits</b>	MAT152 & MAT160
Communication (written & oral) <b>9 credits</b>	ENG100 & ENG112 & COMM100 or COMM111

Social Sciences	<b>6 credits</b>	PSY140  <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
Humanities	<b>6 credits</b>	<b>Choose One:</b> ART110 ENG241 PHI100  <b>Choose One USciences Course:</b> AC (Arabic), AR (Art), CI (Chinese), CA (Classics), EN (excluding EN 101 and EN 102), FR (French), GE (German), LA (Latin), HI (History), HU (Humanities), MU (Music), PL (Philosophy), RS (Religious Studies), SP (Spanish), WC (World Cultures)
Multidisciplinary Inquiry (may be substituted by Social Sciences &/or Humanities courses)	<b>6 credits</b>	<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> ECO210, 220 EDU200 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260
Physical Education	<b>1 credit</b>	<b>Waived</b>

*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		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	PSY140	

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