

Exhibit 6

TRANSFER ADVISING GUIDE

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

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

**USciences Bachelor of Science
Biochemistry, Chemistry, Pharmaceutical Chem**

DCCC Courses	Cr.	USciences Courses	Cr.
ENG100 English Composition I	3	WR101 Writing & Rhetoric I	3
ENG112 English Composition II: Writing about Lit.	3	WR102 Writing & Rhetoric II	3
COMM111 Public Speaking	3	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
MAT161 Calculus II <i>(serves as Open Elective)</i>	4	MA221 Calculus II	4
CHE110 General Chemistry I <i>(serves as Scientific Inquiry Elective)</i>	4	CH111 Principle of Chemistry I CH113 Principle of Chemistry Laboratory I	3 1
CHE111 General Chemistry II <i>(serves as Laboratory Science Elective)</i>	4	CH112 Principle of Chemistry II CH114 Principle of Chemistry Laboratory II	3 1
CHE200 Organic Chemistry I <i>(serves as Mathematics/Laboratory Science Elective)</i>	4	CH211 Principle of Organic Chemistry I CH213 Principle of Organic Chemistry Lab I	3 1
CHE201 Organic Chemistry II <i>(serves as Mathematics/Laboratory Science Elective)</i>	4	CH212 Principle of Organic Chemistry II CH214 Principle of Organic Chemistry Lab 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] <i>(serves as Elective for BS in Chemistry and Pharmaceutical Chemistry)</i>	3 1
PHY131 Univ Physics I <i>(serves as Open Elective)</i>	4	PY211 Physics I	4
PHY132 Univ Physics II <i>(serves as Open Elective)</i>	4	PY212 Physics II	4
Diversity and Social Justice – Social Sc Choose One: HIS110, 120, 150, 160	3	<i>(serves as GenEd MD Requirement)</i> HIX01	3

POL120 PSY205, 210, 220, 221, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215		PO101 PSX01, 200, 347, 301, 204, 200, 201 SO101, 205, 306, AN103, SO330	
Global Understanding - Humanities Choose One: ART110 ENG241 PHI100	3	(serves as GenEd Humanities Requirement) ARX01 ENX01 PL101	3
Social Science Elective Choose One: 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
Social Science Elective Choose One: 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
DCCC credits toward AS	68	Credits Accepted	67
Total DCCC Credits	68	Total Credits Accepted	67

A minimum 2.7 cumulative GPA is required for admission.

A minimum grade of “B” in all science and mathematics courses (Prefixes: CHE, MAT, PHY, BIO). 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) and CH120-Orientation for the Chemical Sciences (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 Social Sciences
- 3 credits in Humanities

Some or all of these 6 credits of coursework can be taken at DCCC or after transferring to USciences (currently included in the 3rd and 4th year at USciences). If the 6 credits are taken at DCCC, they should be selected from the following lists:

<p>3 credits in Social Sciences: Select ONE</p> <p>ECO210, 220 EDU200 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260</p> <p>3 credits in Humanities: Select ONE</p> <p>ARB101, 102 ART100, 110 ASL100, 102 DRA110 ENG241, 250 FRE101, 102 GER101 HUM110, 142, 160 PHI100, 110 SPA101, 102</p>	<p>GenEd Discipline Requirements – Social Sciences</p> <p>EC101, 201 PL302 PO101 PS309, X01, X01, X01, 200, 347, 301, X01, 204, 200, 201 SO101, 205, 306, AN103, SO330, SSX01</p> <p>GenEd Discipline Requirements – Humanities</p> <p>AC101, 102 HUX01, ARX01 HUX01 HUX01 ENX01 FR101, 102 GE101 HUX01, HU340, RS310 PL101, ETX01 SP101, 102</p>
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Suggested checklist for 3rd and 4th year at USciences for **BS in Chemistry** 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		
MA 222	Calculus III	4
CH 331	Basic Inorganic Chemistry	3
CH 366	Principles of Analytical Chemistry	3
CH 367	Analyt and Phys Methods Lab I	1
CH 321	Physical Chemistry I	4
CH 300	Discussions in Chemistry	1
CH 322	Physical Chemistry II	4
CH 376	Instrumental Analysis	3
CH 368	Analyt and Phys Methods Lab II	1
CH 404	Literature of Chemistry	1

FOURTH YEAR AT USCIENCES		
CH 401	Seminar in Chemistry I	1
CH 423	Physical Chemistry Lab I	2
CH 431	Inorganic Chemistry	3
CH 341	Molecular Structure Biochemistry	3
CH 402	Seminar in Chemistry II	1
CH 425	Inorganic and Material Synth Lab	2

	GenEd Social Sciences Requirement	3
	GenEd Humanities Requirement	3
	Chemistry Elective	6
	Free Elective	3

Suggested checklist for 3rd and 4th year at USciences for **BS in Pharmaceutical Chemistry** based on current approved curriculum:

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THIRD YEAR AT USCIENCES		
MA 222	Calculus III	4
CH 331	Basic Inorganic Chemistry	3
	GenEd Social Sciences Requirement	3
CH 300	Discussions in Chemistry	1
CH 321	Physical Chemistry I	4
CH 341	Molecular Structure Biochemistry	3
CH 366	Principles of Analytical Chemistry	3
CH 367	Analyt and Phys Methods Lab I	1
CH 322	Physical Chemistry II	4
CH 343	Intermediary Metabolic Biochemistry	3
CH 376	Instrumental Analysis	3
CH 368	Analyt and Phys Methods Lab II	1
CH 404	Literature of Chemistry	1

FOURTH YEAR AT USCIENCES		
	GenEd Humanities Requirement	3
	Pharmaceutical Chemistry Progr Elect	6
CH 411	Medical Chemistry	3
CH 401	Seminar in Chemistry I	1
CH 423	Physical Chemistry Lab I	2
CH 402	Seminar in Chemistry II	1
	Pharmaceutical Chemistry Progr Elect	3
CH 464	Pharmaceutical Analytical Chemistry	3
CH 465	Pharmaceutical Analytical Chem Lab	1

Suggested checklist for 3rd and 4th year at USciences for **BS in Biochemistry** 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		
MA 222	Calculus III or ST310 Intro to Biostatistics	3-4
CH 331	Basic Inorganic Chemistry	3
CH 320	Essentials of Physical Chemistry	4
CH 366	Principles of Analytical Chemistry	3
CH 367	Analyt and Phys Methods Lab I	1
CH 341	Molecular Structure Biochemistry	3
	GenEd Social Sciences Requirement	3
CH 444	Biochemistry Laboratory I	1

CH 300	Discussions in Chemistry	1
CH 404	Literature of Chemistry	1
BS 466	Genetics	4
CH 343	Intermediary Metabolic Chemistry	3
CH 445	Biochemistry Laboratory II	1

FOURTH YEAR AT USCIENCES		
CH 401	Seminar in Chemistry I	1
CH 423	Physical Chemistry Lab I	2
	Biochemistry Elective	3
BS 461	Cell Biology	4
	GenEd Humanities Requirement	3
	Free Elective	3
CH 402	Seminar in Chemistry II	1
CH 342	Nucleic Acid Biochemistry	3
	Biochemistry Elective	3
	Free 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)

Discipline Requirement	Community College Courses // USciences Courses*
Natural Science (ONE semester of lab required) 7 credits	CHE110 & CHE111
Mathematics 6 credits	MAT152 & MAT160
Communication (written & oral) 9 credits	ENG100 & ENG112 & COMM111
Social Sciences 6 credits	<p>Choose One: ECO210, 220 EDU200 POL120, 200 PSY200, 202, 204, 205, 210, 220, 221, 225, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215, 260</p> <p>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)</p>
Humanities 6 credits	<p>Choose One: ART110 ENG241 PHI100</p> <p>Choose One USciences Course: 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),</p>

		MU (Music), PL (Philosophy), RS (Religious Studies), SP (Spanish), WC (World Cultures)
Multidisciplinary Inquiry (may be substituted by Social Sciences &/or Humanities courses)	6 credits	Choose One: HIS110, 120, 150, 160 POL120 PSY205, 210, 220, 221, 235, 241, 242 SOC110, 120, 180, 210/PSY225, 215 Choose One: 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	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		CH300
Information Literacy	BIO111	CH404
Oral Communication		CH401
Reasoning & Problem Solving	BIO110	
Technology	BIO110	
Written Communication		CH423

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