

Exhibit 18

TRANSFER ADVISING GUIDE

Montgomery County Community College (MCCC) to University of the Sciences in Philadelphia A.S. Life Sciences → B.S. Neuroscience

MCCC Associate of Science Life Sciences

USciences Bachelor of Science Neuroscience

Montgomery CCC Courses	Cr.	USciences Courses	Cr.
ENG101 English Composition I	3	WR101 Writing & Rhetoric I	3
ENG102 English Composition II	3	WR102 Writing & Rhetoric II	3
SPC120 Public Speaking	3	CO204 Public Speaking	3
BIO151 Principles of Biology I	4	BS132 Introductory Biology I BS134 Introductory Biology I Lab [BS130 Introductory Biology I for students transferring prior to Fall 19]	3 1
BIO152 Principle of Biology II	4	BS133 Introductory Biology II BS135 Introductory Biology II Lab [BS131 Introductory Biology II for students transferring prior to Fall 19]	3 1
Biology Lab Science Choose One: BIO131 Human Anatomy & Physiology I BIO140 Microbiology and Immunology BIO260 Genetics	4	<i>(serves as Elective)</i> BS205&207 Human Structure and Funct I + Lab BSX01 Biology Elective BSX01 Biology Elective	4
Biology Lab Science Choose One: BIO131 Human Anatomy & Physiology I BIO132 Human Anatomy & Physiology II BIO140 Microbiology and Immunology BIO260 Genetics	4	<i>(serves as Elective)</i> BS205&207 Human Structure and Funct I +Lab BS206&208 Human Structure and Funct II +Lab BSX01 Biology Elective BSX01 Biology Elective	4
MAT131 Intro to Statistics I	3	STX01 Statistics Elective <i>(serves as GenEd Mathematics Requirement)</i>	3
MAT190 Calculus and Analytic Geometry I	4	MA110 Calculus I	3
CHE151 Principles of Chemistry I	4	CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
CHE152 Principles of Chemistry II	4	CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
CHE261 Organic Chemistry I <i>(serves as Elective Lab Science)</i>	4	CH201 Organic Chemistry I CH203 Organic Chemistry Laboratory I	3 1
CHE262 Organic Chemistry II <i>(serves as Elective Lab Science)</i>	4	CH202 Organic Chemistry II CH204 Organic Chemistry Laboratory II	3 1

Elective (Core Goals 9, 12 and 13) Choose One: ANT104 Intro to Cultural Anthropology HIS101 History Western Civilization I HIS102 History Western Civilization II HIS205 History of U.S.: From 1877 HIS234 Asian Civilization HIS235 Modern China HIS260 History of Russia PSY137 Intro to Organizational Psychology PSY255 Human Sexuality SOC105 Social Policy & Ethics in Human Services SPC115 Interpersonal Communication	3	(serves as GenEd MD Requirement) AN103 Introduction to Anthropology HI101 History Western Civilization I HI102 History Western Civilization II HIX01 History Elective HIX01 History Elective HIX01 History Elective HI311 History of Modern Russia PSX01 Psychology Elective PSX01 Psychology Elective SO321 Healthcare Administration CO320 Relational Communication	3
Elective (Core Goals 6 and 7) Choose One: ART101 Art History I ART102 Art History II ART103 Art History III ENG201 Survey of English Literature I ENG221 Literature of the Western World I ENG222 Literature of the Western World II ENG246 African-American Literature MUS110 Music Appreciation	3	(serves as GenEd MD Requirement) ARX01 Art Elective ARX01 Art Elective ARX01 Art Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective MUX01 Music Elective	3
Elective (Core Goal 4) Choose One: CIS110 Information Systems for Management CIS111 Comp Science I: Programming & Concepts	3	(serves as Elective) CSX01 Computer Science Elective CS201 Computer Programming I	3
Elective (Core Goal 10) Exercise & Health Science Choose One	2-3	PE101/102 Physical Education I/II	1
PHY121 General Physics I (serves as General Elective or Science Elective)	4	PY201 Introductory Physics I	4
MCCC credits toward AS	63-64	Credits Accepted	61
Additional Course Necessary to Enter USciences with Junior (U3) Status:			
PHY122 General Physics II	4	PY202 Introductory Physics II	4
PSY101 Introduction to Psychology	3	PS101 Intro to Psychology	3
Total MCCC Credits	70-71	Total Credits Accepted	68

A minimum 2.7 cumulative GPA is required for admission.

A minimum grade of “B” in courses with prefixes: MAT190, PHY121&122, BIO151&152, and PSY101. 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 MCCC 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.

MA107 Precalculus (3 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 Life Sciences. 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 MCCC 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
- 6 credits in Humanities

Some or all of these 9 credits of coursework can be taken at MCCC or after transferring to USciences (currently included in the 3rd and 4th year at USciences). If the 9 credits are taken at MCCC, they should be selected from the following lists:

<p>6 credits in Humanities: Select TWO</p> <p>ARA 101, 102</p> <p>ART 101, 102, 103, 104, 105, 107, 108 111, 112, 121,122,130, 131, 135, 138, 139, 140, 141, 145, 148, 149, 151, 152, 155, 161, 171, 190, 197, 198, 199, 201, 202, 211, 213, 221, 222, 224, 231, 232, 233, 236, 237, 238, 239, 245, 246, 247, 261, 262, 265, 266, 267, 271, 272, 275, 299</p> <p>DAN 101, 102, 103, 104, 110, 121, 122, 123, 131, 132,134, 135, 151, 155, 156, 157, 158, 161, 162, 204, 205, 206, 223, 224, 225, 251</p> <p>ENG 165, 199, 201, 202, 211, 212, 221, 222, 228,235, 236, 237, 238, 245, 246, 248, 255, 256, 257, 265, 266, 275, 285, 299</p> <p>FRE 101, 102, 190, 199, 201, 202, 251, 252, 261, 299</p> <p>GER 101, 102, 111, 199, 201, 202, 251, 252, 299</p> <p>HIS 101, 102, 103, 105, 107, 121, 122, 160, 203, 205, 210, 213, 214, 215, 216, 217, 218, 219, 224, 225, 234 235, 240, 241, 250, 260, 299</p> <p>IDS 115, 138</p> <p>ITA 101, 102, 215, 216, 251, 252, 299</p> <p>JPN 101, 102, 199, 201, 202, 299</p> <p>MUS 110, 112, 113, 114, 120, 133, 134, 135, 136, 140, 141, 150, 151, 152, 160, 161, 162, 163, 170, 171, 172, 173, 210, 211, 212, 213, 214, 221, 222, 231, 232, 233, 234, 235, 236, 240, 241, 299</p> <p>PHI 100, 101, 110, 115, 116, 117, 120, 199, 215, 216, 221, 299</p> <p>SPA 101, 102, 111, 112, 127, 199, 201, 202, 215, 216, 230, 251, 252, 299</p> <p>THA 105, 106, 114, 150, 151, 201, 203, 205, 206, 250, 251, 290</p> <p>TUR 101</p>	<p>GenEd Discipline Requirements – Humanities</p> <p>AC</p> <p>AR</p> <p> </p> <p>HU</p> <p> </p> <p>EN</p> <p> </p> <p>FR</p> <p>GE</p> <p>HI</p> <p> </p> <p>HU</p> <p>IT, HU</p> <p>HU</p> <p>MU</p> <p> </p> <p>PL</p> <p> </p> <p>SP</p> <p> </p> <p>HU</p> <p> </p> <p>HU</p>
<p>3 credits in Social Sciences: Select ONE</p> <p>ANT 100, 104; CJS 220</p> <p>ECO 121, 122, 130, 211, 221; GEO 130</p> <p>POL 101, 124, 125, 201, 202, 231, 240, 245, 250, 280</p> <p>PSY 101, 136, 137, 138, 200, 206, 208, 210, 214, 215, 216, 217, 218, 219, 231, 240, 245, 255, 299</p> <p>SOC 101, 103, 105, 130, 220, 224, 230, 234, 244, 250, 254, 255</p> <p>SPC 110, 111, 115, 120</p>	<p>GenEd Discipline Requirements – Social Sciences</p> <p>AN; SO 304</p> <p>EC; SS</p> <p>PO</p> <p>PS</p> <p> </p> <p>SO</p> <p> </p> <p>CO</p>

Suggested checklist for 3rd and 4th 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)

THIRD YEAR AT USCIENCES		
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
	GenEd Social Sciences Requirement	3

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

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	CHE151 & CHE152
Mathematics 6 credits	MAT131 & MAT190
Communication (written & oral) 9 credits	ENG101 & ENG102 & SPC120
Social Sciences 6 credits	PSY101 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)
Humanities 6 credits	Choose Two USciences Courses: 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 6 credits (may be substituted by Social Sciences &/or Humanities courses)	Choose One: Elective (Core Goals 9, 12 and 13) ANT104, HIS101, HIS102, HIS205, HIS234, HIS235, HIS260, PSY137, PSY255, SOC105, SPC115 Choose One: Elective (Core Goals 6 and 7) ART101, ART102, ART103, ENG201, ENG221, ENG222, ENG246, MUS110
Physical Education 1 credit	Choose One: Elective (Core Goal 10) Exercise & Health Science

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	BIO152	
Oral Communication	HIS101	OR USciences course
Reasoning & Problem Solving	BIO151	
Technology	BIO151	
Written Communication	PSY101	

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