

Exhibit 16

TRANSFER ADVISING GUIDE

Montgomery County Community College (MCCC) to University of the Sciences in Philadelphia A.A. Liberal Studies → B.S. Humanities and Science

MCCC Associate in Arts Liberal Studies

USciences Bachelor of Science Humanities and Science

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
Speech Elective (Core Goal 1b) Choose One SPC110 Intro to Speech Communication OR SPC111 Cross-Cult: Intro to Speech OR SPC120 Public Speaking	3	CO101 Intro to Communication CO101 Intro to Communication CO204 Public Speaking	3
MAT162 Precalculus II OR MAT170 Algebra and Trigonometry	4	MA107 Precalculus	3
MAT190 Calculus and Analytic Geometry I (serves as Elective)	4	MA110 Calculus I (serves as Science Program Elective)	3
Elective (Core Goal 8) Choose One: CHE151 Principles of Chemistry I	4	(serves as Science Program Elective) CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
(serves as Elective) CHE152 Principles of Chemistry II	4	(serves as Science Program Elective) CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
BIO151 Principles of Biology I (serves as Elective)	4	BS109 General Biology I BS110 General Biology I Lab [BS103 General Biology I for students transferring prior to Fall 19] (serves as Science Program Elective)	3 1
BIO152 Principles of Biology II (serves as Elective)	4	BS119 General Biology II BS120 General Biology II Lab [BS104 General Biology II for students transferring prior to Fall 19] (serves as Science Program Elective)	3 1
Elective (Core Goal 4) CIS111 Comp Science I: Programming & Concepts	3	(serves as Elective) CS201 Computer Programming I	3
Elective (Core Goal 9) Choose One: ANT100 Introduction to Physical Anthropology ANT104 Introduction to Cultural Anthropology ECO121 Macroeconomics	3	(serves as GenEd Social Sciences Requirement) AN103 Introduction to Anthropology AN103 Introduction to Anthropology EC101 Intro to Macroeconomics	3

<p>ECO122 Microeconomics GEO130 Cultural Geography POL101 An Introduction to Political Science POL124 American National Government POL125 American State and Local Government POL202 Constitutional Law: Civil Liberties PSY101 Introduction to Psychology PSY137 Introduction to Organizational Psychology PSY200 Child Psychology PSY206 Human Development a Life-Span Approach PSY214 Social Psychology PSY255 Human Sexuality SOC101 Introduction to Sociology SOC103 Social Problems SOC105 Social Policies & Ethics in Human Services SOC224 Minorities in the United States SOC230 Sociology of Families SPC115 Interpersonal Communication</p>		<p>EC201 Intro to Microeconomics SSX01 Social Science Elective PO101 Intro to Pol Science and American Gov POX01 Political Science Elective POX01 Political Science Elective POX01 Political Science Elective PS101 Intro to Psychology PSX01 Psychology Elective PSX01 Psychology Elective PS200 Psych of Human Development PS301 Social Psychology PSX01 Psychology Elective SO101 Introduction to Sociology SO205 Social Problems SO321 Health Care Admin SO330 World Cultures SO306 Marriage, Family and Sexuality CO320 Relational Communication</p>	
<p>HIS101 History of Western Civilization I OR HIS102 History of Western Civilization II</p>	3	<p>HI101 History of Western Civilization I OR HI102 History of Western Civilization II <i>(serves as GenEd Humanities Requirement)</i></p>	3
<p>Elective (Core Goal 7) Choose One:</p> <p>ART101 Art History I ART102 Art History II ART103 Art History III ART111 Drawing I ART121 Painting I ART161 Ceramics I ART171 Printmaking I DAN102 Fundamental of Modern Dance I DAN104 Modern Dance I DAN110 Introduction to Dance as Art in America DAN121 Fundamentals of Ballet I DAN123 Ballet I DAN151 Dance Improvisation ENG201 Survey of English Literature I ENG202 Survey of English Literature II ENG212 Survey of American Literature II ENG221 Literature of Western World I ENG222 Literature of Western World II ENG235 Poetry ENG236 Fiction ENG237 Drama ENG238 The Literary Vision of Film ENG245 Science Fiction ENG246 African-American Literature ENG248 Native American Literature</p>	3	<p><i>(serve as GenEd MD Requirement)</i></p> <p>ARX01 Art Elective ARX01 Art Elective ARX01 Art Elective AR201 Drawing ARX01 Art Elective ARX01 Art Elective ARX01 Art Elective ARX01 Art Elective HUX01 Humanities Elective HUX01 Humanities Elective HUX01 Humanities Elective HUX01 Humanities Elective HUX01 Humanities Elective HUX01 Humanities Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective</p>	3

ENG255 Women in Literature ENG256 Literature and Film ENG257 Contemporary Literature ENG265 Creative Writing ENG266 Advanced Creative Writing ENG275 Shakespeare HIS101 History of Western Civilization I HIS121 World Civilization I: to 1500 MUS110 Music Appreciation MUS140 Introduction to Digital Music Technology MUS221 Music Theory I THA105 Introduction to Acting I THA114 Introduction to Theatre		ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective ENX01 English Elective HI101 History of Western Civilization I HIX01 History Elective MUX01 Music Elective MUX01 Music Elective MUX01 Music Elective HU340 Special Topics in Humanities HUX01 Humanities Elective	
Elective (Core Goals 11) Choose One: ANT104 Intro to Cultural Anthropology GEO130 Cultural Geography POL101 Introduction to Political Science POL124 American National Government POL125 American State and Local Government POL202 Constitutional Law: Civil Liberties PSY137 Introduction to Organizational Psychology	3	<i>(serves as GenEd Social Sciences Requirement)</i> AN103 Introduction to Anthropology SSX01 Social Science Elective PO101 Intro to Political Sc and Amer Gov POX01 Political Science Elective POX01 Political Science Elective POX01 Political Science Elective PSX01 Psychology Elective	3
Elective (Core Goals 12) Choose One: ART101 Art History I ART102 Art History II ART103 Art History III ART111 Drawing I ART121 Painting I ART161 Ceramics I ART171 Printmaking I	3	<i>(serves as GenEd Humanities Requirement)</i> ARX01 Art Elective ARX01 Art Elective ARX01 Art Elective AR201 Drawing ARX01 Art Elective ARX01 Art Elective ARX01 Art Elective	3
Elective (Core Goal 13) Choose One: ANT104 Intro to Cultural Anthropology POL202 Civil Liberties (Con Law II) PSY137 Intro to Organizational Psych PSY255 Human Sexuality SOC103 Social Problems SOC105 Social Policies & Ethics in Human Services SPC115 Interpersonal Communication	3	<i>(serves as GenEd MD Requirement)</i> AN103 Introduction to Anthropology POX01 Political Science Elective PSX01 Psychology Elective PSX01 Psychology Elective SO205 Social Problems SO321 Healthcare Administration CO320 Relational Communication	3
Elective (Core Goal 10) Exercise & Health Science Choose One	2-3	PE101/102 Physical Education I/II	1
Choose One Sequence: (serves as Electives) ARA101 & ARA102 CHI101 & CHI102 FRE101 & FRE102 GER101 & GER102 ITA101 & ITA102	6	Foreign Language I & II	6

JPN101 & JPN102 SPA101 & SPA102			
MCCC credits toward AA	62-63	Credits Accepted	59
Total MCCC Credits	62-63	Total Credits Accepted	59

A minimum 2.5 cumulative GPA is required for admission.

A minimum grade of “B” in ENG101 and ENG102. 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.

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 MCCC for advising.

Suggested checklist for 3rd and 4th 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 USCIENTES		
HU101	Orientation to Humanities	1
	*Major Distribution Choose 4: English Fine Arts History Philosophy Classic Religious Study	12
	Humanities Electives	27
	Science Electives	16
HU494	&Pre-Capstone	3
HU495	&Capstone	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) 7 credits	CHE151 CHE152
Mathematics 6 credits	MAT162 or MAT170; MAT190
Communication (written & oral) 9 credits	ENG101 & ENG102 & (SPC110 or SPC111 or SPC120)
Social Sciences 6 credits	Choose One Elective (Core Goal 9): ANT100, ANT104, ECO121, ECO122, GEO130, POL101, POL124, POL125, POL202, PSY101, PSY137, PSY200, PSY206, PSY214, PSY255, SOC101, SOC103, SOC105, SOC224, SOC230, SPC115 Choose One Elective (Core Goals 11): ANT104, GEO130, POL101, POL124, POL125, POL202, PSY137, SPS120
Humanities 6 credits	HIS101 or HIS102 Choose One Elective (Core Goals 12): ART101, ART102, ART103, ART111, ART121, ART161, ART171
Multidisciplinary Inquiry 6 credits (may be substituted by Social Sciences &/or Humanities courses)	Choose One Elective (Core Goal 7): ART101, ART102, ART103, ART111, ART121, ART161, ART171, DAN102, DAN104, DAN110, DAN121, DAN123, DAN151, ENG201, ENG202, ENG212, ENG221, ENG222, ENG235, ENG236, ENG237, ENG238, ENG245, ENG246, ENG248, ENG255, ENG256, ENG257, ENG265, ENG266, ENG275, HIS101, HIS121, MUS110, MUS140, MUS221, THA105, THA114 Choose One Elective (Core Goal 13): ANT104, POL202, PSY137, PSY255, SOC103, SOC105, SPC115
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	HIS101	OR USciences course

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