

Exhibit 2

TRANSFER ADVISING GUIDE

Rowan College at Gloucester County (RCGC) to University of the Sciences in Philadelphia A.S. Biology → B.S. Biology or BS Biomedical Sciences or BS Microbiology

RCGC Associate in Science Biology

USciences Bachelor of Science Biology or Biomedical Sciences or Microbiology

RCGC 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
COM105 Technical and Scientific Writing	3	WRX01 Writing Elective (serves as elective)	3
BIO101 General 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
BIO102 General 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
BIO215 Microbiology	4	BS243 Microbial Science BS244 Microbial Science Lab [BS240 Basics of Microbiology for students transferring prior to Fall 19]	3 1
BIO209 Ecology	4	BS377 Ecology (serves as Biology Elective)	4
CHM111 General Chemistry I	4	CH101 General Chemistry I CH103 General Chemistry Laboratory I	3 1
CHM112 General Chemistry II	4	CH102 General Chemistry II CH104 General Chemistry Laboratory II	3 1
CHM201 Organic Chemistry I	4	CH201 Organic Chemistry I CH203 Organic Chemistry Laboratory I	3 1
CHM202 Organic Chemistry II	4	CH202 Organic Chemistry II CH204 Organic Chemistry Laboratory II	3 1
MAT107 Pre-calculus and Math Analysis	4	MA107 Precalculus	3
MAT108 Calculus I	4	MA110 General Calculus	3
CSC101 Introduction to Programming Or CSC111 Intermediate Programming	4	CSX01 Computer Science Elective (serves as Free Elective)	4

Humanities Elective Choose One: ART 101, 121, 201, 202 ASL 101, 102 CHI 101 ENG 103,109,203,222,225,230,231,235,236,241,243 FRE 101 GER 101, 102 HIS 101, 102, 103, 104, 107, 205, 206 ITA 101, 102 MUS 101, 203 PHI 101, 104, 110, 150, 204, 210 SPA 101, 102, 201, 202	3	(serves as GenEd Humanities Requirement)	3
Social Science Elective Choose One: ECO 100, 101, 102 GEO 102 POL 101, 103 PSY 101, 211, 212, 213, 215 SOC 101, 102, 104, 130	3	(serves as GenEd MD Requirement)	3
Humanities or Social Science Elective Choose One	3	(serves as GenEd MD Requirement)	3
PHY103 General Physics I (serves as General Education Electives)	4	PY201 Introductory Physics I	4
Health and Physical Education Elective HPE Choose One	1-3	PE101/102 Physical Education I/II	1
RCGC credits toward AS	67-69	Credits Accepted	65
Additional Courses Necessary to Enter USciences with Junior (U3) Status:			
PHY104 General Physics II	4	PY202 Introductory Physics II	4
Total RCGC Credits	71-73	Total Credits Accepted	69

A minimum 2.7 cumulative GPA is required for admission.

A minimum grade of “B” in courses with prefixes: BIO, MAT and ENG. Students who do not meet these minimum grade requirements can still transfer under the terms of this articulation agreement, subject to departmental review and approval.

The courses encompassed in the A.S. degree from RCGC 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 departmental review and approval.

BS101-Biological Sciences Orientation (1 cr) and BS204-Biological Sciences Colloquium (1 cr) and MI110-Intro to Health and Medical Professions (1cr) will be waived for students transferring to USciences after earning the A.S. in Biology. 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 RCGC 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:

- 6 credits in Social Sciences
- 3 credits in Humanities

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

<p>6 credits in Social Sciences: Select TWO</p> <p>ECO 100, 101, 102 GEO 102 POL 101, 103 PSY 101, 211, 212, 213, 215 SOC 101, 102, 104, 130</p> <p>3 credits in Humanities: Select ONE</p> <p>ART 101, 121, 201, 202 ASL 101, 102 CHI 101 ENG 103, 109, 203, 222, 225, 230, 231, 235, 236, 241, 243</p> <p>FRE 101 GER 101, 102 HIS 101, 102, 103, 104, 107, 205, 206 ITA 101, 102 MUS 101, 203 PHI 101, 104, 110, 150, 204, 210 SPA 101, 102, 201, 202</p>	<p>GenEd Discipline Requirements – Social Sciences</p> <p>EC X01, 101, 102 SS X01 PO 101, X01 PS 101, 200, 201, X01, X01 SO 101, 306, 205, X01</p> <p>GenEd Discipline Requirements – Humanities</p> <p>AR 101, X01, X01, X01 MI X01, X01 CI 101 HU X01, EN X01, 317, X01, 336, 318, 313, HU X01, X01, EN X01, X01 FR 101 GE 101, 102 HI 101, 102, X01, X01, X01, X01, X01 IT 101, 102 MU X01, X01 PL 101, ETX01, RS310, PLX01, ETX01, PLX01 SP 101, 102, 201, 202</p>
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Suggested checklist for 3rd and 4th year at USciences for **BS in Biology** 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		
	GenEd Social Sciences Requirement	6
CH 34X	Biochemistry	3-4
	Quantitative Science Requirement	3-4
	Biology Elective	3-4
CO 101 or CO 204	Communication Requirement	3
	GenEd Humanities Requirement	3
BS 466	Genetics	4
	Natural Science Elective	3-4
	Biology Elective BS4XX	3-4

FOURTH YEAR AT USCIENCES		
BS 493	Biological Sciences Seminar I	1
	Elective	3-6
	Biology Elective BS4XX	3-6
BS 494	Biological Sciences Seminar II	1
	Free Elective(s)	3-9
	Biology Elective(s)	3-9

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

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THIRD YEAR AT USCIENCES		
CO 101 or CO 204	Communication Requirement	3
CH 34X	Biochemistry	3-4
BS 205 or BS 310	Anatomy and Physiology I	3
BS 207	Anatomy and Physiology I Lab – Optional	1
	Clinical Biology elective	3-4
	GenEd Humanities Requirement	3
	GenEd Social Sciences Requirement	6
BS 206 or BS 311	Anatomy and Physiology II	3
BS 208	Anatomy and Physiology II Lab – Optional	1
	Elective	3
BS 466	Genetics	4
ST 310	Biostatistics	3

FOURTH YEAR AT USCIENCES		
BS 493	Biological Sciences Seminar I	1
	Electives	10
BS 494	Biological Sciences Seminar II	1
	Electives BS4XX	10
	Science Elective(s)	2-4
	Free Elective(s)	6

Suggested checklist for 3rd and 4th year at USciences for **BS in Microbiology – Applied Microbiology & Biotechnology Track** based on current approved curriculum:

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THIRD YEAR AT USCIENCES		
CO 101 or CO 204	Communication Requirement	3
CH 34X	Biochemistry	3-4
BS 343	Microbial Genetics	4
BS 34X	Trends in Microbiology	3
	Applied Microbiology Elective	9-12
	GenEd Humanities Requirement	3
	GenEd Social Sciences Requirement	6
	Quantitative Science	3

FOURTH YEAR AT USCIENCES		
BS 493	Biological Sciences Seminar I	1
BS 453	Microbial Physiology	4
BS 464	Biotechnology Lecture	3
BS 461	Cell Biology	4
BS 476	Molecular Biology Lab	2
	Free Electives	3
	Applied Micro Electives	6-8

Suggested checklist for 3rd and 4th year at USciences for **BS in Microbiology – Medical Microbiology & Immunology Track** based on current approved curriculum:

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THIRD YEAR AT USCIENCES		
CO 101 or CO 204	Communication Requirement	3
CH 34X	Biochemistry	3-4
BS 343	Microbial Genetics	4
BS 34X	Trends in Microbiology	3
BS 346	Clinical Microbiology	4
	Med Micro Electives	9-12
	Quantitative Science	3
	GenEd Humanities Requirement	3
	GenEd Social Sciences Requirement	6

FOURTH YEAR AT USCIENCES		
BS 493	Biological Sciences Seminar I	1
BS 453	Microbial Physiology	4
	Med Micro Elective	3-4
	Microbiology Program Elective	3-4
BS 355	Clinical Immunology	3
BS 494	Biological Sciences Seminar II	1
BS 308	Parasitology	3
BS 450	Virology	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	CHM111 CHM112
Mathematics 6 credits	MAT107 & MAT108
Communication (written & oral) 9 credits	ENG101 & ENG102 CO101 or CO204
Social Sciences 6 credits	Choose Two USciences Courses: 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 One: ART 101, 121, 201, 202 ASL 101, 102 CHI 101 ENG 103,109,203,222,225,230,231,235,236,241,243 FRE 101 GER 101, 102 HIS 101, 102, 103, 104, 107, 205, 206 ITA 101, 102 MUS 101, 203 PHI 101, 104, 110, 150, 204, 210 SPA 101, 102, 201, 202 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), 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: Social Science Elective Choose One: Humanities or Social Science Elective
Physical Education 1 credit	Choose One: Health and Physical Education Elective HPE

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	BIO102	BS493 Biological Sciences Seminar I
Oral Communication		See list of USciences courses approved for Oral Comm
Reasoning & Problem Solving	BIO101	
Technology	BIO101	
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.