

**Memo of Agreement Regarding Articulation
Between The Pennsylvania State University on behalf of the University College
Commonwealth Campuses and
Butler County Community College**

PURPOSE

The Pennsylvania State University, on behalf of the University College Commonwealth campuses, Penn State Beaver, Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Greater Allegheny, Penn State Hazleton, Penn State Lehigh Valley, Penn State Mont Alto, Penn State New Kensington, Penn State Schuylkill, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton and Penn State York and Butler County Community College establish this Memorandum of Agreement Regarding Articulation to facilitate the matriculation of students from Butler County Community College to a Penn State University College Commonwealth campus. The purpose of the agreement is to provide a pathway for students who have successfully completed a transfer associate degree program at Butler County Community College to transition to a parallel baccalaureate degree program at a Penn State University College Commonwealth campus. The agreement defines admission criteria and processes, evaluation of transfer credits and academic advising services to support students in their transition from Butler County Community College to a Penn State University College Commonwealth campus.

PROCEDURES

A. Admissions Requirements

Students apply to Penn State by submitting the Penn State undergraduate admissions application and official transcripts from high school, Butler County Community College and any other colleges or universities attended. The admissions application fee will be waived.

Students must complete an AA or AS transfer degree program, be in good standing, free of probation, and have a minimum grade-point average of 2.00 to be eligible for admission to a University College Commonwealth campus. Criteria for transfer admission may also include successful completion of specific course requirements.

GPA is calculated from all attempted and completed courses from Butler County Community College and from all colleges/universities previously attended. The GPA will be calculated using all courses and grades, including repeated courses.

The Penn State majors included in terms of the agreement are the BS in Administration of Justice (AJSCC), BS in Business (BSBCC), BA in Communications (COMCC), BA in English (ENGCC), BS in Human Development and Family Studies (HFSCC), BA in Letters, Arts and Sciences (LASCC), BS in Information Sciences and Technology (ISSCC), and the BA/BS in Psychology (PYACC/PYSCC). In addition, the agreement will include specific program-to-program articulation for Earth Science (EARTH), authorized for delivery at Penn State DuBois by the College of Earth and Mineral Sciences, RN to BS Nursing (NURN), authorized for delivery by the College of Nursing and Organizational Leadership (OL BS) authorized for delivery at New Kensington by the College of The Liberal Arts. All programs are not delivered at each campus.

Majors not specified above, including majors at other Penn State college and campuses are not covered by the terms of this agreement. Therefore, students admitted under this agreement who seek

to enter a major at another Penn State college/campus, would be evaluated based on the advanced standing admissions criteria of that college and campus.

B. Evaluation of Transfer Credits

Butler County Community College courses, evaluated as equivalent to Penn State courses or approved as general credit within a discipline; and, transferred with grades of C or higher, will be added to the student's Penn State academic transcript by the Office of Undergraduate Admissions.

Transferability of courses not specified in the attached guides will be reviewed by the Office of Undergraduate Admissions on a case-by-case basis.

Program-to-program transfer guides outlining the specific course equivalencies and approved substitutions for each academic program are included in the agreement. The guides were developed in consultation with Butler County Community College and University College disciplinary faculty, and were subsequently approved by the University College, Senior Associate Dean for Academic Programs. Transferability of courses not specified in the attached guides will be reviewed by the University College on a case-by-case basis and according to the evaluations maintained by the University Undergraduate Admissions transfer equivalency tables recorded in the student information system.

Curriculum transfer guides, in effect at the time a student first enrolls at Butler County Community College, will be honored for students who complete an AA or AS degree program and successfully transfers to a UC campus within four years of their first enrollment at Butler County Community College.

Credit evaluation for other prior learning activity, for example military educational experience and credit by portfolio will be assessed according to Penn State policy and through the process established by the University College.

C. Academic Advising and Transition

Penn State University College Commonwealth campuses and Butler County Community College will maintain course equivalency information on their respective websites and admissions and course articulation information will be made available to students through the transfer advising services at Butler County Community College.

Penn State University College Commonwealth campuses will offer an academic orientation to transferring students for the purpose of providing academic advising, and orientation to academic and technology resources, student life and career services, and financial aid and billing information.

D. Update/Report/Relationship

Penn State University College Commonwealth campuses and Butler County Community College agree to review the agreement and relevant transfer course equivalencies annually and will each assign an individual to serve as liaison for the purpose of monitoring this agreement. The respective liaisons will notify the partner liaison upon any modification of curriculum that could impact the articulation of equivalent courses or the requirements of Butler County Community College associate programs or

Penn State University College baccalaureate programs. This agreement may be amended, as needed, for specific course or program articulation without affecting the currency of the master agreement.

E. Amendments and Term of Effect

This document constitutes the entire agreement and terms of understanding between Penn State on behalf of Penn State University College Commonwealth campuses and Butler County Community College, and supersedes any other prior agreements or understandings between the two parties.

The master agreement will be reviewed every five years by both parties and will be revised as necessary. For renewal all revisions are to be approved by each institution's official signatories. This master agreement may be terminated by either party upon written notice to the other party of an intention to terminate. Such notice will be effective only if given 180 days prior to the intended date of termination. In the event that this agreement is terminated, curriculum transfer guides, in effect at the time a student first enrolls at Butler County Community College, will be honored for students who complete an AA or AS degree program and successfully transfers to a UC campus within four years of their first enrollment at Butler County Community College. All other terms of the agreement contained herein will remain in effect for the maximum of two years.

Robert N. Pangborn

11/5/15

Dr. Robert Pangborn
Vice President and Dean for Undergraduate Education
Penn State University

Date

Madlyn Hanes

11/3/15

Dr. Madlyn Hanes
Vice President for Commonwealth Campuses and Dean of the University College
Penn State University

Date

Donna J. Kuga

10/28/15

Dr. Donna Kuga
Interim Chancellor, Penn State Beaver

Date

Melanie Hatch

10/22/15

Dr. Melanie Hatch
Chancellor, Penn State DuBois

Date

William C. Patrick

10/22/15

Dr. William C. Patrick
Chancellor, Penn State Fayette

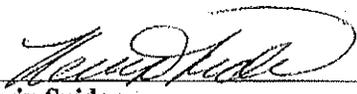
Date

Nancy Herron

10/21/15

Dr. Nancy Herron
Interim Chancellor, Penn State Greater Allegheny

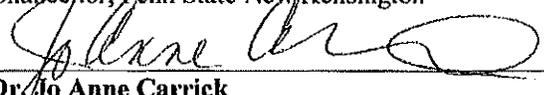
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10/7/15

Dr. Kevin Snider
Chancellor, Penn State New Kensington

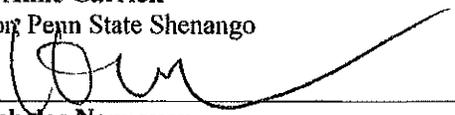
Date



10/7/15

Dr. Jo Anne Carrick
Director, Penn State Shenango

Date



10-7-15

Dr. Nicholas Neupauer
President, Butler County Community College

Date

Program-to-Program Articulation

**Butler County Community College Associate in Criminology
Penn State Baccalaureate in Administration of Justice, B.S.**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at Penn State Beaver, DuBois, Fayette, Greater Allegheny, New Kensington and Shenango

Butler County Community College			PSU University College			
<i>Criminology, A.A.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&pooid=1143&returno=338			<i>Administration of Justice, B.S.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/AOJBS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	CRIM 100	3	Prescribed Course in Major	CRIM 100	3	Direct
Major Requirement	CRIM 125	3	Additional Course in Major	SOC 013	3	Direct
Major Requirement	CRIM 200	3	Prescribed Course in Major	CRIM 012	3	Direct
Major Requirement	CRIM 210	3	Additional Course in Major	CRIM TR	3	Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Education (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will be counted as electives.			
Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct

Major Requirement 3 cr.	MATH 100 MATH 101 MATH 102 MATH 107 MATH 221	3 3 3 3 4	Not usable in major GQ GQ GQ GQ	MATH 004 MATH 021 MATH TR STAT TR MATH 140	3 3 3 4 4	----- Direct Substitution Substitution Direct
Group I (12 cr.)	ENGL 203 ENGL 207 ENGL 215 ARTS 101 ARTS 102 ARTS 110 ARTS 112 ARTS 114 MUSC 101 MUSC 110 PHIL 201 PHIL 208 PHIL 215	3 3 3 3 3 3 3 3 3 3 3 3 3	GH GH; IL GH GA; IL GA GA GA; US; IL GA GA GA GH GH GH; US; IL	ENGL 129 CAMS 045 ENGL 104 ART H 100 ART 020 ART 030 THEA 100 ART 050 MUSIC 005 MUSIC 008 PHIL 001 PHIL 003 RL ST 001	3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group II (12 cr.)	ECON 101 ECON 102 COMM 101 SOCL 211 SOCL 212 HIST 122 HIST 123 HIST 201 HIST 202 COMM 121 PSYC 201 PSYC 202 PSYC 203 PSYC 204 PSYC 223 PSYC 240 POLI 210 GEOG 101 ANTH 100	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	GS GS GS GS GS GH; IL GH; IL GH GH GS GS --- GS --- GS GS GS GS; IL GS; US; IL	ECON 104 ECON 102 COMM 100 SOC 001 SOC 005 HIST 001 HIST 002 HIST 020 HIST 021 CAS 202 PSYCH 100 ED PSY 014 PSYCH 212 PSYCH 270 PSYCH 221 HD FS 229 PL SC 001 GEOG 040 ANTH 001	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group III (8 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	PHYS 102 PHYS 221 PHYS 222 CHEM 101 CHEM 102 BIOL 103 BIOL 120	4 4 4 4 4 4 4	GN GN GN GN GN GN GN	PHYS 212 PHYS 211 PHYS 212 CHEM 110/111 CHEM 112/113 BI SC 003 BIOL TR	4 4 4 4 4 4 4	Direct Direct Direct Direct Direct Direct Substitution

	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Electives (3 cr.)	BUSN 102 BUSN 123 BUSN 139 BUSN 203	3 3 3 3	Elective Elective GH or Elective GS or Elective	B LAW 243 MGMT TR PHIL 106 B A 100	3 3 3 3	Direct Direct Direct Direct
Total Credits		63-64			63-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Business Administration
Penn State Baccalaureate in Business**

Entrance to the B.S. in Business requires PSU MATH 022 or higher. BC3 MAT 125 will meet this requirement. Students should plan to complete MATH 125 at BC3 prior to applying to Penn State.

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at Penn State Beaver, DuBois, Fayette, Greater Allegheny, New Kensington and Shenango

Butler County Community College <i>Business Administration, A.S.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poid=1126&returnto=338			PSU University College <i>Business, B.S.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/BSB			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	COMP 210	3	Major Requirement (MIS 204)	MIS TR	3	Substitution
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	ACCT 203 and ACCT 234	3 3	Prescribed Major Course (ACCTG 211)	ACCTG TR Elective	4 2	Substitution
Major Requirement	BUSN 123	3	Elective	MGMT TR	3	Direct
Major Requirement	ECON 101	3	Major Requirement and General Education Social and Behavioral Sciences (GS)	ECON 104	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	BUSN 214	3	Major Requirement (MKTG 301)	MKTG TR	3	Substitution
Major Requirement	BUSN 219	3	Major Requirement (STAT 200)	STAT TR	3	Substitution

Major Requirement	ECON 102	3	Major Requirement and General Education Social and Behavioral Sciences (GS)	ECON 102	3	Direct
Major Requirement	BUSN 102	3	Major Requirement (BA 243)	B LAW 243	3	Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Education (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL).			
Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	MATH 101	3	GQ	MATH 021	3	Direct
Major Requirement <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	MATH 125	3	GQ and Additional Course in Major (MATH 110)	MATH TR	3	Substitution
Group I (3-6 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (3-6 cr.)	ECON 101 (advised)	3	GS and Major Requirement	ECON 104	3	Direct
	ECON 102 (advised)	3	GS and Major Requirement	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct

	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (7-8 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i> <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MIBRB 106/107	4	Direct
Total Credits		59-65			59-65	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language.

Program-to-Program Articulation

**Butler County Community College Associate in Communications
Penn State Baccalaureate in Communications**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at Penn State Beaver, Greater Allegheny and New Kensington

Butler County Community College <i>Communications, A.A.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&pooid=1133&returnto=338			PSU University College <i>Communications, B.A.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/COMCC			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	COMM 101	3	Prescribed Course in Major	COMM 100	3	Direct
Major Requirement	COMM 121	3	Additional Course in Major	CAS 202	3	Direct
Major Requirement	COMM 135	3	Additional Course in Major	COMM 001 AND COMM 160	3	Substitution
Major Requirement	COMM 140	3	Prescribed Major Requirement	COMM 260W	3	Direct
Major Requirement	COMM 230	3	Additional Course in Major	MKTG 310 (Corporate Communications option) OR COMM 370 (Journalism option)	3	Substitution
Major Requirement	COMM 210 OR COMM 215	3	Additional Course in Major	CAS 250 OR CAS GEN for CAS 271	3	Direct Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Education (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will be used to fulfill Bachelor of Arts Requirements or electives.			

Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement 3 cr.	MATH 100 MATH 101 MATH 102 MATH 107 MATH 221	3 3 3 3 4	Not usable in program GQ GQ GQ GQ	MATH 004 MATH 021 MATH TR STAT TR MATH 140	3 3 3 3 4	----- Direct Substitution Substitution Direct
Group I (12 cr.) 3 cr. must be literature elective	ENGL 203 ENGL 207 ENGL 215 ARTS 101 ARTS 102 ARTS 110 ARTS 112 ARTS 114 MUSC 101 MUSC 110 PHIL 201 PHIL 208 PHIL 215	3 3 3 3 3 3 3 3 3 3 3 3 3	GH GH; IL GH GA; IL GA GA GA; US; IL GA GA GA GH GH GH; US; IL	ENGL 129 CAMS 045 ENGL 104 ART H 100 ART 020 ART 030 THEA 100 ART 050 MUSIC 005 MUSIC 008 PHIL 001 PHIL 003 RL ST 001	3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group II (12 cr.)	ECON 101 ECON 102 COMM 101 SOC 211 SOC 212 HIST 122 HIST 123 HIST 201 HIST 202 COMM 121 PSYC 201 PSYC 202 PSYC 203 PSYC 204 PSYC 223 PSYC 240 POLI 210 GEOG 101 ANTH 100	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	GS GS GS GS GS GH; IL GH; IL GH GH GS GS Elective GS --- GS GS GS GS; IL GS; US; IL	ECON 104 ECON 102 COMM 100 SOC 001 SOC 005 HIST 001 HIST 002 HIST 020 HIST 021 CAS 202 PSYCH 100 ED PSY 014 PSYCH 212 PSYCH 270 PSYCH 221 HD FS 229 PL SC 001 GEOG 040 ANTH 001	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group III (7-8 cr.) A minimum of 4 cr. of laboratory science must be selected.	MATH 107 PHYS 102 PHYS 221 PHYS 222 CHEM 101	3 4 4 4 4	GQ GN GN GN GN	STAT TR PHYS 212 PHYS 211 PHYS 212 CHEM 110/111	3 4 4 4 4	Substitution Direct Direct Direct Direct

	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
Total Credits		64-66			64-66	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate Degree in Chemistry to
Penn State DuBois Baccalaureate Degree in Earth Science**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at DuBois

Butler County Community College Chemistry, A.S. http://academic-atalog.bc3.edu/preview_program.php?catoid=6&poid=1129&returnto=338			College of Earth and Mineral Sciences Earth Science, B.S. http://bulletins.psu.edu/undergrad/programs/baccalaureate/E/EARTH			
BC3 Requirement	Credits	Course	PSU Requirement	PSU Course	Credits	Direct or Substitution
BIOL 120 <i>(BCCC Students should also schedule BIOL 121 for PSU BIOL 110 substitution)</i>	4 4	PRINCIPLES OF BIOLOGY I PRINCIPLES OF BIOLOGY II	Prescribed Course and GN (BCCC BIOL 120 and 121 will substitute for PSU BIOL 110)	BIOL TR	4	Substitution
ENG 101	3	College Writing	General Education Writing and Speaking (GWS)	ENG 015	3	Direct
ENG 102	3	Research Writing	Elective	ENGL 202B	3	Direct
COMM 201	3	SPEECH	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
CHEM 101	4	CHEMISTRY CHEMISTRY LAB	Prescribed Course and General Education Natural Science (GN)	CHEM 110 CHEM 111	4	Direct Direct
CHEM 102	4	CHEMISTRY 2 CHEM LAB	Prescribed Course in Major and General Education Quantification (GQ)	CHEM 112 CHEM 113	4	Direct Direct
CHEM 103	1	MODERN INSTRUMENTS IN CHEM ANALYSIS	Elective	CHEM TR	1	-----
CHEM 104	4	INTRODUCTION TO	Supporting Course in	CHEM TR	4	Substitution

		NANOTECHNOLOGY	Major			
CHEM 221	4	ORGANIC CHEMISTRY	Supporting Course (Watershed Minor)	CHEM TR	4	Substitution
CHEM 222	4	ORGANIC CHEMISTRY II	Supporting Course (Watershed Minor)	CHEM TR	4	Substitution
COMP 230	3	PROGRAMING IN CC++	Supporting Course in Major	CMPSK TR	3	Substitution
HLTH 120	3	HEALTH SCIENCE	General Education Health and Physical Activity (GHA)	KINES TR	3	Substitution
PH ED	1	PHYSICAL EDUCATION ELECTIVE	Elective	KINES TR	1	_____
MATH 221	4	CALCULUS AND ANALIYTIC GEOMETRY I	Prescribed Course and General Education Quantification (GQ)	MATH 140	4	Direct
MATH 222	4	MATH AND ANALYTIC GEOMETRY II	Prescribed Course in Major and General Education Quantification (GQ)	MATH 141	4	Direct
PHYS 221	4	PHYSICS	Prescribed Course in Major and General Education Natural Science (GN)	PHYS 211	4	Direct
PHYS 222	4	PHYSICS	Prescribed Course in Major and General Education Natural Science (GN)	PHY 212	4	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Arts (GA) – 6 credits; Humanities (GH) –6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
SOCIAL SCIENCE ELECTIVE (select one three credit course)	3	ECON 101 (advised) ECON 102 (advised) COMM 101 SOCI 211 SOCI 212 HIST 122 HIST 123 HIST 201 HIST 202	GS GS GS GS GH; IL GH; IL GH GH GS	ECON 104 ECON 102 COMM 100 SOC 001 SOC 005 HIST 001 HIST 002 HIST 020 HIST 021	3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct

		COMM 121	GS	CAS 202	3	Direct
		PSYC 201	Elective	PSYCH 100	3	Direct
		PSYC 202	GS	ED PSY 014	3	Direct
		PSYC 203	Elective	PSYCH 212	3	Direct
		PSYC 204	GS	PSYCH 270	3	Direct
		PSYC 223	GS	PSYCH 221	3	Direct
		PSYC 240	GS	HD FS 229	3	Direct
		POLI 210	GS	PL SC 001	3	Direct
		GEOG 101	GS; IL	GEOG 040	3	Direct
		ANTH 100	GS; US; IL	ANTH 001	3	Direct
HUMANITIES ELECTIVE (select one three credit course)	3	ENGL 203	GH	ENGL 129	3	Direct
		ENGL 207	GH; IL	CAMS 045	3	Direct
		ENGL 215	GH	ENGL 104	3	Direct
		ARTS 101	GA; IL	ART H 100	3	Direct
		ARTS 102	GA	ART 020	3	Direct
		ARTS 110	GA	ART 030	3	Direct
		ARTS 112	GA; US; IL	THEA 100	3	Direct
		ARTS 114	GA	ART 050	3	Direct
		MUSC 101	GA	MUSIC 005	3	Direct
		MUSC 110	GA	MUSIC 008	3	Direct
		PHIL 201	GH	PHIL 001	3	Direct
		PHIL 208	GH	PHIL 003	3	Direct
		PHIL 215	GH; US; IL	RL ST 001	3	Direct
TOTAL CREDITS	63				63	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Computer Science (Transfer Option)
Penn State Baccalaureate in Information, Sciences, & Technology**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Entrance to major requires the completion of IST 110, 210 and 220, and three units of high school math from algebra, geometry or trigonometry, with at least ½ unit of trig or college level substitutes for these courses. Students who complete BC3 MATH 221(PSU MATH 140) will meet the math requirement. Students who apply without completing PSU IST 110(BC3- COMP 101), 210 (BC3 – 229 COMP) and 220 (BC3 – COMP 211) will be admitted in pre-major status and will enter the major upon completion of these classes at Penn State.

<i>Butler County Community College</i>			<i>PSU University College</i>			
<i>Computer Science (Transfer Option), A.S. http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poid=1141&ret_urnto=338</i>			<i>Information, Sciences, & Technology, B.S. http://bulletins.psu.edu/undergrad/campuses/details/14/IST</i>			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS) (ENGL 202C or 202D)	ENGL 202B	3	Substitution
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	HLTH 120	3	General Education Health and Activity (GHA)	KINES TR	3	Substitution
Major Requirement	MATH 107 or MATH 221	3 4	Elective Additional Course in Major and General Education Quantification (GQ)	STAT TR or MATH 140	3 4	Direct Direct
Major Requirement	COMP 101	3	Prescribed Major Course (IST 110)	MIS TR	3	Substitution
Major Requirement	COMP 215	4	Supporting Course in Option (IST 225)	MIS TR	4	Substitution
Major Requirement	COMP 233	3	Elective	CMPS TR	3	Direct

Major Requirement	COMP 237	3	Prescribed Major Requirement (CMPSC 101)	CMPSC TR	3	Substitution
Major Requirement	COMP 238	3	Elective	CMPSC TR	3	Substitution
Major Requirement	COMP 211 or COMP 229	3 3	Prescribed Major Requirement (IST 210 and IST 220)	MIS TR MIS TR	3 3	Substitution Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Group I (9 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (9 cr.)	ECON 101(advised)	3	GS	ECON 104	3	Direct
	ECON 102(advised)	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct
	PSYC 202	3	---	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	---	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct

Group III (7-8 cr.) A minimum of 8 cr. (2 courses) of laboratory science must be selected in addition to the Math elective.	MATH 100	3	Not usable in Major	MATH 004	3	----
	MATH 101	3	Elective	MATH 021	3	Direct
	MATH 102	3	Elective	MATH TR	3	Substitution
	MATH 107	3	Elective	STAT TR	3	Substitution
	MATH 221 (advised)	4	GQ and Additional course	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
BIOL 201	4	GN	MICRB 106/107		Direct	
Total Credits		59-61			59-61	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program to Program Articulation

**Butler County Community College Associate in English
Penn State Baccalaureate in English**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State Greater Allegheny

Butler County Community College			PSU University College Campus			
ENGLISH (AA)			ENGLISH (BA)			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major	ENGL 101	3	Writing and Speaking (GWS)	ENGL 015	3	Direct
Major	ENGL 104	3	Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major	COMM 201	3	Writing and Speaking (GWS)	CAS 100	3	Direct
Major	HLTH 120	3	Health and Physical Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Math Elective (3 - 4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
Group I (21 cr.)						
ENGL Electives (12 cr.)	ENGL 201	3	Supporting Course	ENGL TR	3	Substitution
	ENGL 206	3	Supporting Course	ENGL TR	3	Substitution
	ENGL 209 (Advised)	3	Major Requirement	ENGL 221	3	Direct
	ENGL 210	3	Supporting Course	ENGL TR	3	Direct
	ENGL 216	3	Supporting Course	CMLIT 001	3	Substitution
	ENGL 217	3	Supporting Course	CMLIT 002	3	Direct
Arts Elective (3 cr.)	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct

	MUSC 101	3	GA	MUSIC 005	3	Direct
PHIL requirement (3 cr.)	PHIL 201	3	GH	PHIL 001	3	Direct
Foreign Language Elective (3 cr.)	FREN 101	3	<i>Courses in sequence (101, 102, 201 and 202) will fulfill bachelor of arts foreign language proficiency requirement.</i>	FR TR	3	Substitution
	FREN 102	3		FR TR	3	Substitution
	FREN 201	3		FR TR	3	Substitution
	FREN 202	3		FR TR	3	Substitution
	GER 101	3		GER TR	3	Substitution
	SPAN 101	3		SPAN TR	3	Substitution
	SPAN 102	3		SPAN TR	3	Substitution
	SPAN 201	3		SPAN TR	3	Substitution
	SPAN 202	3		SPAN TR	3	Substitution
Group II (12 cr.)						
Social Science Electives (6 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
History Elective (3 cr.)	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
PSYC Requirement (3 cr.)	PSYC 201	3	GS	PSYCH 100	3	Direct
Group III (7-8 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct

	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Elective (6 cr.) <i>Choose from these courses or from additional courses listed in Groups II or III that are not used to fulfill those area requirements.</i>	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Total Credits		62-64			62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program to Program Articulation

**Butler County Community College Associate in General Studies
Penn State Baccalaureate in Human Development and Family Studies**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State DuBois, Fayette and Shenango

Butler County Community College			PSU University College Campus			
GENERAL STUDIES (AA)			HDFS (BS)			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major	ENGL 101	3	Writing and Speaking (GWS)	ENGL 015	3	Direct
Major	ENGL 102	3	Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major	COMM 201	3	Writing and Speaking (GWS)	CAS 100	3	Direct
Major	HLTH 120	3	Health and Physical Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Math Elective (3-4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
Group I (12 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct

	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (12 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
ANTH 100	3	GS; US; IL	ANTH 001	3	Direct	
Group III (8-9 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	MICRB 201	4	GN	MICRB 106/107	4	Direct

General Elective (15 cr.)	SOCW107	3	Supporting Course	SOC 035	3	Direct
	PSYC 203	3	Supporting Course	PSYCH 212	3	Direct
	PSYC 240 (Advised)	3	Major Requirement	HD FS 229	3	Direct
	EDUC 101	3	Supporting	EDPSY TR	3	Substitution
	EDUC 103	3	Supporting Course	HDFS TR	3	Substitution
	EDUC 104	3	Supporting Course	HDFS TR	3	Substitution
	EDUC 204	3	Supporting Course	CI TR	3	Substitution
	EDUC 205	3	Supporting Course	LL ED TR	3	Substitution
	Total Credits	62-64			62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program to Program Articulation

**Butler County Community College Associate in General Studies
Penn State Baccalaureate in Letters, Arts and Sciences**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

In order to be eligible for entrance to the major, the student must submit a proposal. In consultation with an LAS adviser, the student formulates a proposal designing a program that investigates a theme from the viewpoint of at least three different subject areas. Students may not duplicate existing majors from any academic area. An important standard for entrance to the Letters, Arts, and Sciences major is the student's ability to design a program with academic integrity worthy of a Bachelor of Arts degree. Courses completed at BC3 that are not included in the transfer guide below will be evaluated as electives or as major requirements in the selected theme.

Delivered at Penn State DuBois, Greater Allegheny and Shenango

Butler County Community College			PSU University College Campus			
GENERAL STUDIES (AA)			Letters Arts and Sciences (BA)			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major	ENGL 101	3	Writing and Speaking (GWS)	ENGL 015	3	Direct
Major	ENGL 102	3	Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major	COMM 201	3	Writing and Speaking (GWS)	CAS 100	3	Direct
Major	HLTH 120	3	Health and Physical Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
Math Elective (3-4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill Bachelor of Arts Requirements and electives.			
Group I (12 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct

	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (12 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (8-9 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Electives (15 cr.)	BUSN 139	3	GH	PHIL 106	3	Direct
	BUSN 203	3	GS	B A 100	3	Direct
	HIST 122	3	GH	HIST 001	3	Direct
	HIST 123	3	GH	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	CRIM 100	3	GS	CRIM 100	3	Direct
	CRIM 125	3	GS	SOC 013	3	Direct

	CRIM 200	3	GS	CRIM 012	3	Direct
Total Credits		62-64		Total Credits	62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

Butler County Community College Associate in General Studies Penn State Baccalaureate in Organizational Leadership

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State New Kensington

Butler County Community College			PSU College of The Liberal Arts				
<i>General Studies, A.A.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poid=1153&ret_urnto=338			<i>Organizational Leadership, B.S.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/OLEAD				
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION	
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct	
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct	
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct	
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.				
Major Requirement	HLTH 120	3	General Education Health and Activity (GHA)	KINES TR	3	Substitution	
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct	
Math Elective (3-4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----	
	MATH 101	3		GQ	MATH 021	3	Direct
	MATH 102	3		GQ	MATH TR	3	Substitution
	MATH 107	3		GQ	STAT TR	3	Substitution
	MATH 221	4		GQ	MATH 140	4	Direct
Group I (12 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct	
	ENGL 207	3	GH; IL	CAMS 045	3	Direct	
	ENGL 215	3	GH	ENGL 104	3	Direct	

	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (12 cr.)	ECON 101 (advised)	3	Prescribed Course and GS	ECON 104	3	Direct
	ECON 102 (advised)	3	Prescribed Course and GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201(advised)	3	Prescribed Course	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (8-9 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not Transferrable	MATH 004	3	-----
	MATH 101	3	Elective	MATH 021	3	Direct
	MATH 102	3	Elective	MATH TR	3	Substitution
	MATH 107	3	Elective	STAT TR	3	Substitution
	MATH 221	4	Elective	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Electives (15-16 cr.)	BUSN 102	3	Elective	B LAW 243	3	Direct
	BUSN 123	3	Elective	MGMT TR	3	Direct
	BUSN 139	3	GH/Elective	PHIL 106	3	Direct

	BUSN 203	3	GS/Elective	B A 100	3	Direct
	CRIM 100	3	Supporting Course	CRIM 100	3	Direct
	CRIM 125	3	GS/Elective	SOC 013	3	Direct
	CRIM 200	3	GS/Elective	CRIM 012	3	Direct
Total Credits		62-64			62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Nursing (AAS) – Registered Nurse Program
Penn State RN to Baccalaureate in Nursing**

The B.S. Nursing degree is designed for Registered Nurses with an associate degree or diploma in Nursing, who wish to complete a baccalaureate degree in Nursing. The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BCCC and with the Penn State advisers when scheduling courses. *Delivered by the College of Nursing at Penn State Fayette, New Kensington and Shenango*

<i>BCCC Associate in Nursing (A.A.S.)</i>			<i>PSU College of Nursing RN to B.S. in Nursing</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/N/NURN			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT OR SUBSTITUTION
Composition	ENGL 101	3	Writing & Speaking (GWS)	ENGL 015 (GWS)	3	Direct
Research Writing	ENGL 102	3	Writing & Speaking (GWS)	ENGL 202B (GWS)	3	Direct
Anatomy & Physiology I	BIOL 131,	4	Prescribed major courses and General Education Natural Science (BIOL 129 (GN) BIOL 141/142 (GN))	BIOL TR	4	Substitution
Anatomy & Physiology II	BIOL 132	4		BIOL TR	4	
General Psychology	PSYC 201	3	Prescribed major course and General Education Social Science	PSYCH 100 (GS)	3	Direct
Microbiology	BIOL 201	4	Prescribed major course	MICRB 106/107	4	Direct
Intermediate Algebra	MATH 100	3	Not usable in major.	MATH 004	-	Not usable in major
College Algebra	Math 101	3	General Education Quantification (GQ)	MATH021 (GQ)	3	Direct
Principles of Sociology – optional 3 yr. plan	SOCI 211	3	Additional Course and General Education Social and Behavioral Science	SOC 001 (GS)	3	Direct
Human Growth and Development	PSYC 203	3	Developmental Psychology for HDFS 129 (GS)	PSYCH 212 (GS)	3	Substitution
Physical Wellness	PHED 125	2	Elective	KINES (GHS)	2	Substitution

Medical Terminology – optional 3 yr. plan	AHEA 280	3	Non Transferrable	N/T		
Nursing Courses	NURS 101	8	Advanced Standing credit for basic pre-licensure nursing courses.	NURS 225, NURS 230, NURS 250 NURS 301, NURS 305, NURS306, NURS 310, NURS 320, NURS 405B, NURS 420	33	Substitution
	NURS 141	1				
	NURS 102	9				
	NURS 142	1				
	NURS103	9				
	NURS 143	1				
	NURS 104	8				
	NURS 144	1				
	NURS 105	3		ELECTIVES	3	
Total Credits		79			68	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The Nursing major at Penn State includes two courses that fulfill the US and IL requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Psychology
Penn State Baccalaureate in Psychology (B.A. & B.S.)**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State Beaver, Fayette, Greater Allegheny and New Kensington

Butler County Community College			PSU University College			
<i>Psychology, A.A.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poic=1187&returnto=338			<i>Psychology, B.A. & B.S.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/PSCBA http://bulletins.psu.edu/undergrad/campuses/details/14/PSCBS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	PSYC 201	3	Prescribed Major Requirement	PSYCH 100	3	Direct
Major Requirement	PSYC 223	3	Additional Course in Major	PSYCH 221	3	Direct
Major Requirement	PSYC 204	3	Additional Course in Major	PSYCH 270	3	Direct
Major Requirement	PSYC 203	3	Additional Course in Major	PSYCH 212	3	Direct
Major Requirement	<i>Psych Elective</i> PSYC 202 OR PSYC 240	3 3	Elective Additional Course in Major	EDPSY 014 OR HD FS 229	3 3	Direct Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives or Bachelor of Arts Requirements.			
Major Requirement	SOCI 211	3	GS	SOC 001	3	Direct

Major Requirement	PHIL 208	3	GH	PHIL 003	3	Direct
Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
Major Requirement	MATH 100 AND MATH 107	3 3	Not usable in program GQ and Prescribed Course (STAT 200) in Major	MATH 004 STAT TR	3 3	---- Substitution
Group I (9 cr.) <i>(must include literature elective)</i>	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (3 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	Prescribed Course in Major	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	Additional Course in Major	PSYCH 212	3	Direct
	PSYC 204	3	Additional Course in Major	PSYCH 270	3	Direct
	PSYC 223	3	Additional Course in Major	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (8 cr.) <i>A 4 cr. laboratory science course is required.</i>	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct

General Electives (3 cr.)	BUSN 102	3	---	B LAW 243	3	Direct
	BUSN 123	3	---	MGMT 100	3	Direct
	BUSN 139	3	GH	PHIL 106	3	Direct
	BUSN 203	3	GS	B A 100	3	Direct
	HIST 122	3	GH	HIST 001	3	Direct
	HIST 123	3	GH	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	CRIM 100	3	GS	CRIM 100	3	Direct
	CRIM 125	3	GS	SOC 013	3	Direct
	CRIM 200	3	GS	CRIM 012	3	Direct
	Total Credits		63		63	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

**Memo of Agreement Regarding Articulation
Between The Pennsylvania State University on behalf of the University College
Commonwealth Campuses and
Butler County Community College**

PURPOSE

The Pennsylvania State University, on behalf of the University College Commonwealth campuses, Penn State Beaver, Penn State Brandywine, Penn State DuBois, Penn State Fayette, Penn State Greater Allegheny, Penn State Hazleton, Penn State Lehigh Valley, Penn State Mont Alto, Penn State New Kensington, Penn State Schuylkill, Penn State Shenango, Penn State Wilkes-Barre, Penn State Worthington Scranton and Penn State York and Butler County Community College establish this Memorandum of Agreement Regarding Articulation to facilitate the matriculation of students from Butler County Community College to a Penn State University College Commonwealth campus. The purpose of the agreement is to provide a pathway for students who have successfully completed a transfer associate degree program at Butler County Community College to transition to a parallel baccalaureate degree program at a Penn State University College Commonwealth campus. The agreement defines admission criteria and processes, evaluation of transfer credits and academic advising services to support students in their transition from Butler County Community College to a Penn State University College Commonwealth campus.

PROCEDURES

A. Admissions Requirements

Students apply to Penn State by submitting the Penn State undergraduate admissions application and official transcripts from high school, Butler County Community College and any other colleges or universities attended. The admissions application fee will be waived.

Students must complete an AA or AS transfer degree program, be in good standing, free of probation, and have a minimum grade-point average of 2.00 to be eligible for admission to a University College Commonwealth campus. Criteria for transfer admission may also include successful completion of specific course requirements.

GPA is calculated from all attempted and completed courses from Butler County Community College and from all colleges/universities previously attended. The GPA will be calculated using all courses and grades, including repeated courses.

The Penn State majors included in terms of the agreement are the BS in Administration of Justice (AJSCC), BS in Business (BSBCC), BA in Communications (COMCC), BA in English (ENGCC), BS in Human Development and Family Studies (HFSCC), BA in Letters, Arts and Sciences (LASCC), BS in Information Sciences and Technology (ISSCC), and the BA/BS in Psychology (PYACC/PYSCC). In addition, the agreement will include specific program-to-program articulation for Earth Science (EARTH), authorized for delivery at Penn State DuBois by the College of Earth and Mineral Sciences, RN to BS Nursing (NURN), authorized for delivery by the College of Nursing and Organizational Leadership (OL BS) authorized for delivery at New Kensington by the College of The Liberal Arts. All programs are not delivered at each campus.

Majors not specified above, including majors at other Penn State college and campuses are not covered by the terms of this agreement. Therefore, students admitted under this agreement who seek

to enter a major at another Penn State college/campus, would be evaluated based on the advanced standing admissions criteria of that college and campus.

B. Evaluation of Transfer Credits

Butler County Community College courses, evaluated as equivalent to Penn State courses or approved as general credit within a discipline; and, transferred with grades of C or higher, will be added to the student's Penn State academic transcript by the Office of Undergraduate Admissions.

Transferability of courses not specified in the attached guides will be reviewed by the Office of Undergraduate Admissions on a case-by-case basis.

Program-to-program transfer guides outlining the specific course equivalencies and approved substitutions for each academic program are included in the agreement. The guides were developed in consultation with Butler County Community College and University College disciplinary faculty, and were subsequently approved by the University College, Senior Associate Dean for Academic Programs. Transferability of courses not specified in the attached guides will be reviewed by the University College on a case-by-case basis and according to the evaluations maintained by the University Undergraduate Admissions transfer equivalency tables recorded in the student information system.

Curriculum transfer guides, in effect at the time a student first enrolls at Butler County Community College, will be honored for students who complete an AA or AS degree program and successfully transfers to a UC campus within four years of their first enrollment at Butler County Community College.

Credit evaluation for other prior learning activity, for example military educational experience and credit by portfolio will be assessed according to Penn State policy and through the process established by the University College.

C. Academic Advising and Transition

Penn State University College Commonwealth campuses and Butler County Community College will maintain course equivalency information on their respective websites and admissions and course articulation information will be made available to students through the transfer advising services at Butler County Community College.

Penn State University College Commonwealth campuses will offer an academic orientation to transferring students for the purpose of providing academic advising, and orientation to academic and technology resources, student life and career services, and financial aid and billing information.

D. Update/Report/Relationship

Penn State University College Commonwealth campuses and Butler County Community College agree to review the agreement and relevant transfer course equivalencies annually and will each assign an individual to serve as liaison for the purpose of monitoring this agreement. The respective liaisons will notify the partner liaison upon any modification of curriculum that could impact the articulation of equivalent courses or the requirements of Butler County Community College associate programs or

Penn State University College baccalaureate programs. This agreement may be amended, as needed, for specific course or program articulation without affecting the currency of the master agreement.

E. Amendments and Term of Effect

This document constitutes the entire agreement and terms of understanding between Penn State on behalf of Penn State University College Commonwealth campuses and Butler County Community College, and supersedes any other prior agreements or understandings between the two parties.

The master agreement will be reviewed every five years by both parties and will be revised as necessary. For renewal all revisions are to be approved by each institution's official signatories.

This master agreement may be terminated by either party upon written notice to the other party of an intention to terminate. Such notice will be effective only if given 180 days prior to the intended date of termination. In the event that this agreement is terminated, curriculum transfer guides, in effect at the time a student first enrolls at Butler County Community College, will be honored for students who complete an AA or AS degree program and successfully transfers to a UC campus within four years of their first enrollment at Butler County Community College. All other terms of the agreement contained herein will remain in effect for the maximum of two years.

Robert N. Pangborn

11/5/15

Dr. Robert Pangborn
Vice President and Dean for Undergraduate Education
Penn State University

Date

Madlyn Hanes

11/3/15

Dr. Madlyn Hanes
Vice President for Commonwealth Campuses and Dean of the University College
Penn State University

Date

Donna J. Kuga

10/28/15

Dr. Donna Kuga
Interim Chancellor, Penn State Beaver

Date

Melanie Hatch

10/26/15

Dr. Melanie Hatch
Chancellor, Penn State DuBois

Date

William C. Patrick

10/22/15

Dr. William C. Patrick
Chancellor, Penn State Fayette

Date

Nancy Herron

10/21/15

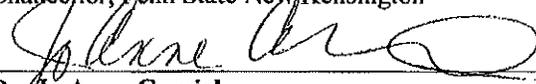
Dr. Nancy Herron
Interim Chancellor, Penn State Greater Allegheny

Date

 10/7/15

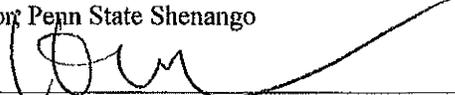
Dr. Kevin Snider
Chancellor, Penn State New Kensington

Date

 10/7/15

Dr. Jo Anne Carrick
Director, Penn State Shenango

Date

 10-7-15

Dr. Nicholas Neupauer
President, Butler County Community College

Date

Program-to-Program Articulation

Butler County Community College Associate in Criminology Penn State Baccalaureate in Administration of Justice, B.S.

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at Penn State Beaver, DuBois, Fayette, Greater Allegheny, New Kensington and Shenango

<i>Butler County Community College</i>			<i>PSU University College</i>			
<i>Criminology, A.A.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&pooid=1143&returno=338			<i>Administration of Justice, B.S.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/AOJBS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	CRIM 100	3	Prescribed Course in Major	CRIM 100	3	Direct
Major Requirement	CRIM 125	3	Additional Course in Major	SOC 013	3	Direct
Major Requirement	CRIM 200	3	Prescribed Course in Major	CRIM 012	3	Direct
Major Requirement	CRIM 210	3	Additional Course in Major	CRIM TR	3	Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Education (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will be counted as electives.			
Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct

Major Requirement 3 cr.	MATH 100 MATH 101 MATH 102 MATH 107 MATH 221	3 3 3 3 4	Not usable in major GQ GQ GQ GQ	MATH 004 MATH 021 MATH TR STAT TR MATH 140	3 3 3 4 4	----- Direct Substitution Substitution Direct
Group I (12 cr.)	ENGL 203 ENGL 207 ENGL 215 ARTS 101 ARTS 102 ARTS 110 ARTS 112 ARTS 114 MUSC 101 MUSC 110 PHIL 201 PHIL 208 PHIL 215	3 3 3 3 3 3 3 3 3 3 3 3 3	GH GH; IL GH GA; IL GA GA GA; US; IL GA GA GA GH GH GH; US; IL	ENGL 129 CAMS 045 ENGL 104 ART H 100 ART 020 ART 030 THEA 100 ART 050 MUSIC 005 MUSIC 008 PHIL 001 PHIL 003 RL ST 001	3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group II (12 cr.)	ECON 101 ECON 102 COMM 101 SOCI 211 SOCI 212 HIST 122 HIST 123 HIST 201 HIST 202 COMM 121 PSYC 201 PSYC 202 PSYC 203 PSYC 204 PSYC 223 PSYC 240 POLI 210 GEOG 101 ANTH 100	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	GS GS GS GS GS GH; IL GH; IL GH GH GS GS -- GS -- GS GS GS GS GS; IL GS; US; IL	ECON 104 ECON 102 COMM 100 SOC 001 SOC 005 HIST 001 HIST 002 HIST 020 HIST 021 CAS 202 PSYCH 100 ED PSY 014 PSYCH 212 PSYCH 270 PSYCH 221 HD FS 229 PL SC 001 GEOG 040 ANTH 001	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group III (8 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	PHYS 102 PHYS 221 PHYS 222 CHEM 101 CHEM 102 BIOL 103 BIOL 120	4 4 4 4 4 4 4	GN GN GN GN GN GN GN	PHYS 212 PHYS 211 PHYS 212 CHEM 110/111 CHEM 112/113 BI SC 003 BIOL TR	4 4 4 4 4 4 4	Direct Direct Direct Direct Direct Direct Substitution

	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Electives (3 cr.)	BUSN 102 BUSN 123 BUSN 139 BUSN 203	3 3 3 3	Elective Elective GH or Elective GS or Elective	B LAW 243 MGMT TR PHIL 106 B A 100	3 3 3 3	Direct Direct Direct Direct
Total Credits		63-64			63-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Business Administration
Penn State Baccalaureate in Business**

Entrance to the B.S. in Business requires PSU MATH 022 or higher. BC3 MAT 125 will meet this requirement. Students should plan to complete MATH 125 at BC3 prior to applying to Penn State.

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at Penn State Beaver, DuBois, Fayette, Greater Allegheny, New Kensington and Shenango

Butler County Community College <i>Business Administration, A.S.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poid=1126&returnto=338			PSU University College <i>Business, B.S.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/BSB			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	COMP 210	3	Major Requirement (MIS 204)	MIS TR	3	Substitution
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	ACCT 203 and ACCT 234	3 3	Prescribed Major Course (ACCTG 211)	ACCTG TR Elective	4 2	Substitution
Major Requirement	BUSN 123	3	Elective	MGMT TR	3	Direct
Major Requirement	ECON 101	3	Major Requirement and General Education Social and Behavioral Sciences (GS)	ECON 104	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	BUSN 214	3	Major Requirement (MKTG 301)	MKTG TR	3	Substitution
Major Requirement	BUSN 219	3	Major Requirement (STAT 200)	STAT TR	3	Substitution

Major Requirement	ECON 102	3	Major Requirement and General Education Social and Behavioral Sciences (GS)	ECON 102	3	Direct
Major Requirement	BUSN 102	3	Major Requirement (BA 243)	B LAW 243	3	Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Education (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL).			
Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	MATH 101	3	GQ	MATH 021	3	Direct
Major Requirement <i>Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	MATH 125	3	GQ and Additional Course in Major (MATH 110)	MATH TR	3	Substitution
Group I (3-6 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (3-6 cr.)	ECON 101 (advised)	3	GS and Major Requirement	ECON 104	3	Direct
	ECON 102 (advised)	3	GS and Major Requirement	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct

	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (7-8 cr.) <i>A minimum of 4 cr. of laboratory science must be selected. Any MATH course taken must be taken concurrently with or prior to ACCT 203.</i>	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MIBRB 106/107	4	Direct
Total Credits		59-65			59-65	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language.

Program-to-Program Articulation

**Butler County Community College Associate in Communications
Penn State Baccalaureate in Communications**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at Penn State Beaver, Greater Allegheny and New Kensington

<i>Butler County Community College</i> <i>Communications, A.A.</i> http://academic-catalog.bc3.edu/preview_program.php?catoid=6&pooid=1133&returnto=338			<i>PSU University College</i> <i>Communications, B.A.</i> http://bulletins.psu.edu/undergrad/campuses/details/14/COMCC			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	COMM 101	3	Prescribed Course in Major	COMM 100	3	Direct
Major Requirement	COMM 121	3	Additional Course in Major	CAS 202	3	Direct
Major Requirement	COMM 135	3	Additional Course in Major	COMM 001 AND COMM 160	3	Substitution
Major Requirement	COMM 140	3	Prescribed Major Requirement	COMM 260W	3	Direct
Major Requirement	COMM 230	3	Additional Course in Major	MKTG 310 (Corporate Communications option) OR COMM 370 (Journalism option)	3	Substitution
Major Requirement	COMM 210 OR COMM 215	3	Additional Course in Major	CAS 250 OR CAS GEN for CAS 271	3	Direct Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Education (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will be used to fulfill Bachelor of Arts Requirements or electives.			

Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement 3 cr.	MATH 100 MATH 101 MATH 102 MATH 107 MATH 221	3 3 3 3 4	Not usable in program GQ GQ GQ GQ	MATH 004 MATH 021 MATH TR STAT TR MATH 140	3 3 3 3 4	----- Direct Substitution Substitution Direct
Group I (12 cr.) 3 cr. must be literature elective	ENGL 203 ENGL 207 ENGL 215 ARTS 101 ARTS 102 ARTS 110 ARTS 112 ARTS 114 MUSC 101 MUSC 110 PHIL 201 PHIL 208 PHIL 215	3 3 3 3 3 3 3 3 3 3 3 3 3	GH GH; IL GH GA; IL GA GA GA; US; IL GA GA GH GH GH; US; IL	ENGL 129 CAMS 045 ENGL 104 ART H 100 ART 020 ART 030 THEA 100 ART 050 MUSIC 005 MUSIC 008 PHIL 001 PHIL 003 RL ST 001	3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group II (12 cr.)	ECON 101 ECON 102 COMM 101 SOCI 211 SOCI 212 HIST 122 HIST 123 HIST 201 HIST 202 COMM 121 PSYC 201 PSYC 202 PSYC 203 PSYC 204 PSYC 223 PSYC 240 POLI 210 GEOG 101 ANTH 100	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	GS GS GS GS GS GH; IL GH; IL GH GH GS GS Elective GS --- GS GS GS GS; IL GS; US; IL	ECON 104 ECON 102 COMM 100 SOC 001 SOC 005 HIST 001 HIST 002 HIST 020 HIST 021 CAS 202 PSYCH 100 ED PSY 014 PSYCH 212 PSYCH 270 PSYCH 221 HD FS 229 PL SC 001 GEOG 040 ANTH 001	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct Direct
Group III (7-8 cr.) A minimum of 4 cr. of laboratory science must be selected.	MATH 107 PHYS 102 PHYS 221 PHYS 222 CHEM 101	3 4 4 4 4	GQ GN GN GN GN	STAT TR PHYS 212 PHYS 211 PHYS 212 CHEM 110/111	3 4 4 4 4	Substitution Direct Direct Direct Direct

	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
Total Credits		64-66			64-66	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate Degree in Chemistry to
Penn State DuBois Baccalaureate Degree in Earth Science**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Program delivered at DuBois

Butler County Community College Chemistry, A.S. http://academic-atolog.bc3.edu/preview_program.php?catoid=6&poid=1129&returnto=338			College of Earth and Mineral Sciences Earth Science, B.S. http://bulletins.psu.edu/undergrad/programs/baccalaureate/E/EARTH			
BC3 Requirement	Credits	Course	PSU Requirement	PSU Course	Credits	Direct or Substitution
BIOL 120 <i>(BCCC Students should also schedule BIOL 121 for PSU BIOL 110 substitution)</i>	4 4	PRINCIPLES OF BIOLOGY I PRINCIPLES OF BIOLOGY II	Prescribed Course and GN (BCCC BIOL 120 and 121 will substitute for PSU BIOL 110)	BIOL TR	4	Substitution
ENG 101	3	College Writing	General Education Writing and Speaking (GWS)	ENG 015	3	Direct
ENG 102	3	Research Writing	Elective	ENGL 202B	3	Direct
COMM 201	3	SPEECH	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
CHEM 101	4	CHEMISTRY CHEMISTRY LAB	Prescribed Course and General Education Natural Science (GN)	CHEM 110 CHEM 111	4	Direct Direct
CHEM 102	4	CHEMISTRY 2 CHEM LAB	Prescribed Course in Major and General Education Quantification (GQ)	CHEM 112 CHEM 113	4	Direct Direct
CHEM 103	1	MODERN INSTRUMENTS IN CHEM ANALYSIS	Elective	CHEM TR	1	-----
CHEM 104	4	INTRODUCTION TO	Supporting Course in	CHEM TR	4	Substitution

		NANOTECHNOLOGY	Major			
CHEM 221	4	ORGANIC CHEMISTRY	Supporting Course (Watershed Minor)	CHEM TR	4	Substitution
CHEM 222	4	ORGANIC CHEMISTRY II	Supporting Course (Watershed Minor)	CHEM TR	4	Substitution
COMP 230	3	PROGRAMING IN CC++	Supporting Course in Major	CMPS TR	3	Substitution
HLTH 120	3	HEALTH SCIENCE	General Education Health and Physical Activity (GHA)	KINES TR	3	Substitution
PH ED	1	PHYSICAL EDUCATION ELECTIVE	Elective	KINES TR	1	_____
MATH 221	4	CALCULUS AND ANALIYTIC GEOMETRY I	Prescribed Course and General Education Quantification (GQ)	MATH 140	4	Direct
MATH 222	4	MATH AND ANALYTIC GEOMETRY II	Prescribed Course in Major and General Education Quantification (GQ)	MATH 141	4	Direct
PHYS 221	4	PHYSICS	Prescribed Course in Major and General Education Natural Science (GN)	PHYS 211	4	Direct
PHYS 222	4	PHYSICS	Prescribed Course in Major and General Education Natural Science (GN)	PHY 212	4	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Arts (GA) – 6 credits; Humanities (GH) –6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
SOCIAL SCIENCE ELECTIVE (select one three credit course)	3	ECON 101 (advised) ECON 102 (advised) COMM 101 SOCI 211 SOCI 212 HIST 122 HIST 123 HIST 201 HIST 202	GS GS GS GS GH; IL GH; IL GH GH GS	ECON 104 ECON 102 COMM 100 SOC 001 SOC 005 HIST 001 HIST 002 HIST 020 HIST 021	3 3 3 3 3 3 3 3 3	Direct Direct Direct Direct Direct Direct Direct Direct Direct

		COMM 121	GS	CAS 202	3	Direct
		PSYC 201	Elective	PSYCH 100	3	Direct
		PSYC 202	GS	ED PSY 014	3	Direct
		PSYC 203	Elective	PSYCH 212	3	Direct
		PSYC 204	GS	PSYCH 270	3	Direct
		PSYC 223	GS	PSYCH 221	3	Direct
		PSYC 240	GS	HD FS 229	3	Direct
		POLI 210	GS	PL SC 001	3	Direct
		GEOG 101	GS; IL	GEOG 040	3	Direct
		ANTH 100	GS; US; IL	ANTH 001	3	Direct
HUMANITIES ELECTIVE (select one three credit course)	3	ENGL 203	GH	ENGL 129	3	Direct
		ENGL 207	GH; IL	CAMS 045	3	Direct
		ENGL 215	GH	ENGL 104	3	Direct
		ARTS 101	GA; IL	ART H 100	3	Direct
		ARTS 102	GA	ART 020	3	Direct
		ARTS 110	GA	ART 030	3	Direct
		ARTS 112	GA; US; IL	THEA 100	3	Direct
		ARTS 114	GA	ART 050	3	Direct
		MUSC 101	GA	MUSIC 005	3	Direct
		MUSC 110	GA	MUSIC 008	3	Direct
		PHIL 201	GH	PHIL 001	3	Direct
		PHIL 208	GH	PHIL 003	3	Direct
		PHIL 215	GH; US; IL	RL ST 001	3	Direct
TOTAL CREDITS	63				63	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Computer Science (Transfer Option)
Penn State Baccalaureate in Information, Sciences, & Technology**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Entrance to major requires the completion of IST 110, 210 and 220, and three units of high school math from algebra, geometry or trigonometry, with at least ½ unit of trig or college level substitutes for these courses. Students who complete BC3 MATH 221(PSU MATH 140) will meet the math requirement. Students who apply without completing PSU IST 110(BC3- COMP 101), 210 (BC3 – 229 COMP) and 220 (BC3 – COMP 211) will be admitted in pre-major status and will enter the major upon completion of these classes at Penn State.

<i>Butler County Community College</i>			<i>PSU University College</i>			
<i>Computer Science (Transfer Option), A.S. http://academic-catalog.bc3.edu/preview_program.php?catoid=6&pooid=1141&returanto=338</i>			<i>Information, Sciences, & Technology, B.S. http://bulletins.psu.edu/undergrad/campuses/details/14/IST</i>			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS) (ENGL 202C or 202D)	ENGL 202B	3	Substitution
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	HLTH 120	3	General Education Health and Activity (GHA)	KINES TR	3	Substitution
Major Requirement	MATH 107 or MATH 221	3 4	Elective Additional Course in Major and General Education Quantification (GQ)	STAT TR or MATH 140	3 4	Direct Direct
Major Requirement	COMP 101	3	Prescribed Major Course (IST 110)	MIS TR	3	Substitution
Major Requirement	COMP 215	4	Supporting Course in Option (IST 225)	MIS TR	4	Substitution
Major Requirement	COMP 233	3	Elective	CMPS TR	3	Direct

Major Requirement	COMP 237	3	Prescribed Major Requirement (CMPSC 101)	CMPSC TR	3	Substitution
Major Requirement	COMP 238	3	Elective	CMPSC TR	3	Substitution
Major Requirement	COMP 211 or COMP 229	3 3	Prescribed Major Requirement (IST 210 and IST 220)	MIS TR MIS TR	3 3	Substitution Substitution
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Group I (9 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (9 cr.)	ECON 101(advised)	3	GS	ECON 104	3	Direct
	ECON 102(advised)	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct
	PSYC 202	3	—	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	—	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct

Group III (7-8 cr.) <i>A minimum of 8 cr. (2 courses) of laboratory science must be selected in addition to the Math elective.</i>	MATH 100	3	Not usable in Major	MATH 004	3	----
	MATH 101	3	Elective	MATH 021	3	Direct
	MATH 102	3	Elective	MATH TR	3	Substitution
	MATH 107	3	Elective	STAT TR	3	Substitution
	MATH 221 (advised)	4	GQ and Additional course	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107		Direct
Total Credits		59-61			59-61	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program to Program Articulation

**Butler County Community College Associate in English
Penn State Baccalaureate in English**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State Greater Allegheny

Butler County Community College			PSU University College Campus			
ENGLISH (AA)			ENGLISH (BA)			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major	ENGL 101	3	Writing and Speaking (GWS)	ENGL 015	3	Direct
Major	ENGL 104	3	Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major	COMM 201	3	Writing and Speaking (GWS)	CAS 100	3	Direct
Major	HLTH 120	3	Health and Physical Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Math Elective (3 - 4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
Group I (21 cr.)						
ENGL Electives (12 cr.)	ENGL 201	3	Supporting Course	ENGL TR	3	Substitution
	ENGL 206	3	Supporting Course	ENGL TR	3	Substitution
	ENGL 209 (Advised)	3	Major Requirement	ENGL 221	3	Direct
	ENGL 210	3	Supporting Course	ENGL TR	3	Direct
	ENGL 216	3	Supporting Course	CMLIT 001	3	Substitution
	ENGL 217	3	Supporting Course	CMLIT 002	3	Direct
Arts Elective (3 cr.)	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct

	MUSC 101	3	GA	MUSIC 005	3	Direct
PHIL requirement (3 cr.)	PHIL 201	3	GH	PHIL 001	3	Direct
Foreign Language Elective (3 cr.)	FREN 101	3	<i>Courses in sequence (101, 102, 201 and 202) will fulfill bachelor of arts foreign language proficiency requirement.</i>	FR TR	3	Substitution
	FREN 102	3		FR TR	3	Substitution
	FREN 201	3		FR TR	3	Substitution
	FREN 202	3		FR TR	3	Substitution
	GER 101	3		GER TR	3	Substitution
	SPAN 101	3		SPAN TR	3	Substitution
	SPAN 102	3		SPAN TR	3	Substitution
	SPAN 201	3		SPAN TR	3	Substitution
	SPAN 202	3		SPAN TR	3	Substitution
Group II (12 cr.)						
Social Science Electives (6 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
History Elective (3 cr.)	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
PSYC Requirement (3 cr.)	PSYC 201	3	GS	PSYCH 100	3	Direct
Group III (7-8 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct

	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Elective (6 cr.) <i>Choose from these courses or from additional courses listed in Groups II or III that are not used to fulfill those area requirements.</i>	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Total Credits		62-64			62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program to Program Articulation

**Butler County Community College Associate in General Studies
Penn State Baccalaureate in Human Development and Family Studies**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State DuBois, Fayette and Shenango

Butler County Community College			PSU University College Campus			
GENERAL STUDIES (AA)			HDFS (BS)			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major	ENGL 101	3	Writing and Speaking (GWS)	ENGL 015	3	Direct
Major	ENGL 102	3	Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major	COMM 201	3	Writing and Speaking (GWS)	CAS 100	3	Direct
Major	HLTH 120	3	Health and Physical Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Math Elective (3-4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
Group I (12 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct

	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (12 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
ANTH 100	3	GS; US; IL	ANTH 001	3	Direct	
Group III (8-9 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	MICRB 201	4	GN	MICRB 106/107	4	Direct

General Elective (15 cr.)	SOCW107	3	Supporting Course	SOC 035	3	Direct
	PSYC 203	3	Supporting Course	PSYCH 212	3	Direct
	PSYC 240 (Advised)	3	Major Requirement	HD FS 229	3	Direct
	EDUC 101	3	Supporting	EDPSY TR	3	Substitution
	EDUC 103	3	Supporting Course	HDFS TR	3	Substitution
	EDUC 104	3	Supporting Course	HDFS TR	3	Substitution
	EDUC 204	3	Supporting Course	CI TR	3	Substitution
	EDUC 205	3	Supporting Course	LL ED TR	3	Substitution
	Total Credits	62-64			62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program to Program Articulation

**Butler County Community College Associate in General Studies
Penn State Baccalaureate in Letters, Arts and Sciences**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

In order to be eligible for entrance to the major, the student must submit a proposal. In consultation with an LAS adviser, the student formulates a proposal designing a program that investigates a theme from the viewpoint of at least three different subject areas. Students may not duplicate existing majors from any academic area. An important standard for entrance to the Letters, Arts, and Sciences major is the student's ability to design a program with academic integrity worthy of a Bachelor of Arts degree. Courses completed at BC3 that are not included in the transfer guide below will be evaluated as electives or as major requirements in the selected theme.

Delivered at Penn State DuBois, Greater Allegheny and Shenango

Butler County Community College			PSU University College Campus			
GENERAL STUDIES (AA)			Letters Arts and Sciences (BA)			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major	ENGL 101	3	Writing and Speaking (GWS)	ENGL 015	3	Direct
Major	ENGL 102	3	Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major	COMM 201	3	Writing and Speaking (GWS)	CAS 100	3	Direct
Major	HLTH 120	3	Health and Physical Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
Math Elective (3-4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill Bachelor of Arts Requirements and electives.			
Group I (12 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct

	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (12 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	GS	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (8-9 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Electives (15 cr.)	BUSN 139	3	GH	PHIL 106	3	Direct
	BUSN 203	3	GS	B A 100	3	Direct
	HIST 122	3	GH	HIST 001	3	Direct
	HIST 123	3	GH	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	CRIM 100	3	GS	CRIM 100	3	Direct
	CRIM 125	3	GS	SOC 013	3	Direct

	CRIM 200	3	GS	CRIM 012	3	Direct
Total Credits		62-64		Total Credits	62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in General Studies
Penn State Baccalaureate in Organizational Leadership**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State New Kensington

Butler County Community College			PSU College of The Liberal Arts			
<i>General Studies, A.A. http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poid=1153&ret_urnto=338</i>			<i>Organizational Leadership, B.S. http://bulletins.psu.edu/undergrad/campuses/details/14/OLEAD</i>			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives.			
Major Requirement	HLTH 120	3	General Education Health and Activity (GHA)	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
Math Elective (3-4 cr.)	MATH 100	3	Not usable in program	MATH 004	3	-----
	MATH 101	3	GQ	MATH 021	3	Direct
	MATH 102	3	GQ	MATH TR	3	Substitution
	MATH 107	3	GQ	STAT TR	3	Substitution
	MATH 221	4	GQ	MATH 140	4	Direct
Group I (12 cr.)	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct

	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (12 cr.)	ECON 101 (advised)	3	Prescribed Course and GS	ECON 104	3	Direct
	ECON 102 (advised)	3	Prescribed Course and GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	HIST 122	3	GH; IL	HIST 001	3	Direct
	HIST 123	3	GH; IL	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201(advised)	3	Prescribed Course	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	GS	PSYCH 212	3	Direct
	PSYC 204	3	Elective	PSYCH 270	3	Direct
	PSYC 223	3	GS	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (8-9 cr.) <i>A minimum of 4 cr. of laboratory science must be selected.</i>	MATH 100	3	Not Transferrable	MATH 004	3	-----
	MATH 101	3	Elective	MATH 021	3	Direct
	MATH 102	3	Elective	MATH TR	3	Substitution
	MATH 107	3	Elective	STAT TR	3	Substitution
	MATH 221	4	Elective	MATH 140	4	Direct
	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct
General Electives (15-16 cr.)	BUSN 102	3	Elective	B LAW 243	3	Direct
	BUSN 123	3	Elective	MGMT TR	3	Direct
	BUSN 139	3	GH/Elective	PHIL 106	3	Direct

	BUSN 203	3	GS/Elective	B A 100	3	Direct
	CRIM 100	3	Supporting Course	CRIM 100	3	Direct
	CRIM 125	3	GS/Elective	SOC 013	3	Direct
	CRIM 200	3	GS/Elective	CRIM 012	3	Direct
Total Credits		62-64			62-64	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Nursing (AAS) – Registered Nurse Program
Penn State RN to Baccalaureate in Nursing**

The B.S. Nursing degree is designed for Registered Nurses with an associate degree or diploma in Nursing, who wish to complete a baccalaureate degree in Nursing. The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BCCC and with the Penn State advisers when scheduling courses. *Delivered by the College of Nursing at Penn State Fayette, New Kensington and Shenango*

<i>BCCC Associate in Nursing (A.A.S.)</i>			<i>PSU College of Nursing RN to B.S. in Nursing</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/N/NURN			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT OR SUBSTITUTION
Composition	ENGL 101	3	Writing & Speaking (GWS)	ENGL 015 (GWS)	3	Direct
Research Writing	ENGL 102	3	Writing & Speaking (GWS)	ENGL 202B (GWS)	3	Direct
Anatomy & Physiology I	BIOL 131,	4	Prescribed major courses and General Education Natural Science (BIOL 129 (GN) BIOL 141/142 (GN))	BIOL TR	4	Substitution
Anatomy & Physiology II	BIOL 132	4		BIOL TR	4	Substitution
General Psychology	PSYC 201	3	Prescribed major course and General Education Social Science	PSYCH 100 (GS)	3	Direct
Microbiology	BIOL 201	4	Prescribed major course	MICRB 106/107	4	Direct
Intermediate Algebra	MATH 100	3	Not usable in major.	MATH 004	-	Not usable in major
College Algebra	Math 101	3	General Education Quantification (GQ)	MATH021 (GQ)	3	Direct
Principles of Sociology – optional 3 yr. plan	SOCI 211	3	Additional Course and General Education Social and Behavioral Science	SOC 001 (GS)	3	Direct
Human Growth and Development	PSYC 203	3	Developmental Psychology for HDFS 129 (GS)	PSYCH 212 (GS)	3	Substitution
Physical Wellness	PHED 125	2	Elective	KINES (GHS)	2	Substitution

Medical Terminology – optional 3 yr. plan	AHEA 280	3	Non Transferrable	N/T		
Nursing Courses	NURS 101	8	Advanced Standing credit for basic pre-licensure nursing courses.	NURS 225, NURS 230, NURS 250 NURS 301, NURS 305, NURS306, NURS 310, NURS 320, NURS 405B, NURS 420	33	Substitution
	NURS 141	1				
	NURS 102	9				
	NURS 142	1				
	NURS103	9				
	NURS 143	1				
	NURS 104	8				
	NURS 144	1				
	NURS 105	3	ELECTIVES	3		
Total Credits		79			68	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The Nursing major at Penn State includes two courses that fulfill the US and IL requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.

Program-to-Program Articulation

**Butler County Community College Associate in Psychology
Penn State Baccalaureate in Psychology (B.A. & B.S.)**

The evaluation of prior college courses not appearing below is done on an individual basis by the Penn State Admissions Office. Students should work closely with their academic adviser at BC3 and with the Penn State Admission office when scheduling courses.

Delivered at Penn State Beaver, Fayette, Greater Allegheny and New Kensington

Butler County Community College			PSU University College			
Psychology, A.A. http://academic-catalog.bc3.edu/preview_program.php?catoid=6&poid=1187&returnto=338			Psychology, B.A. & B.S. http://bulletins.psu.edu/undergrad/campuses/details/14/PSCBA http://bulletins.psu.edu/undergrad/campuses/details/14/PSCBS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Major Requirement	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015	3	Direct
Major Requirement	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL 202B	3	Direct
Major Requirement	COMM 201	3	General Education Writing and Speaking (GWS)	CAS 100	3	Direct
Major Requirement	PSYC 201	3	Prescribed Major Requirement	PSYCH 100	3	Direct
Major Requirement	PSYC 223	3	Additional Course in Major	PSYCH 221	3	Direct
Major Requirement	PSYC 204	3	Additional Course in Major	PSYCH 270	3	Direct
Major Requirement	PSYC 203	3	Additional Course in Major	PSYCH 212	3	Direct
Major Requirement	<i>Psych Elective</i> PSYC 202 OR PSYC 240	3 3	Elective Additional Course in Major	EDPSY 014 OR HD FS 229	3 3	Direct Direct
			In completing the following BC3 requirements, students are advised to select courses that would meet the following Penn State General Education requirements: Natural Sciences (GN) – 9 credits; Arts (GA) – 6 credits; Humanities (GH) – 6 credits; Social and Behavioral Sciences (GS) – 6 credits; and Health and Physical Activity (GHA) – 3 credits. Students are also required to complete 3 credits of United States (US) and International Courses (IL). Additional Group I and II courses will fulfill electives or Bachelor of Arts Requirements.			
Major Requirement	SOCI 211	3	GS	SOC 001	3	Direct

Major Requirement	PHIL 208	3	GH	PHIL 003	3	Direct
Major Requirement	HLTH 120	3	GHA	KINES TR	3	Substitution
Major Requirement	PH ED ELECTIVE	1	Elective	KINES TR	1	Direct
Major Requirement	MATH 100 AND MATH 107	3 3	Not usable in program GQ and Prescribed Course (STAT 200) in Major	MATH 004 STAT TR	3 3	----- Substitution
Group I (9 cr.) <i>(must include literature elective)</i>	ENGL 203	3	GH	ENGL 129	3	Direct
	ENGL 207	3	GH; IL	CAMS 045	3	Direct
	ENGL 215	3	GH	ENGL 104	3	Direct
	ARTS 101	3	GA; IL	ART H 100	3	Direct
	ARTS 102	3	GA	ART 020	3	Direct
	ARTS 110	3	GA	ART 030	3	Direct
	ARTS 112	3	GA; US; IL	THEA 100	3	Direct
	ARTS 114	3	GA	ART 050	3	Direct
	MUSC 101	3	GA	MUSIC 005	3	Direct
	MUSC 110	3	GA	MUSIC 008	3	Direct
	PHIL 201	3	GH	PHIL 001	3	Direct
	PHIL 208	3	GH	PHIL 003	3	Direct
	PHIL 215	3	GH; US; IL	RL ST 001	3	Direct
Group II (3 cr.)	ECON 101	3	GS	ECON 104	3	Direct
	ECON 102	3	GS	ECON 102	3	Direct
	COMM 101	3	GS	COMM 100	3	Direct
	SOCI 211	3	GS	SOC 001	3	Direct
	SOCI 212	3	GS	SOC 005	3	Direct
	COMM 121	3	GS	CAS 202	3	Direct
	PSYC 201	3	Prescribed Course in Major	PSYCH 100	3	Direct
	PSYC 202	3	Elective	ED PSY 014	3	Direct
	PSYC 203	3	Additional Course in Major	PSYCH 212	3	Direct
	PSYC 204	3	Additional Course in Major	PSYCH 270	3	Direct
	PSYC 223	3	Additional Course in Major	PSYCH 221	3	Direct
	PSYC 240	3	GS	HD FS 229	3	Direct
	POLI 210	3	GS	PL SC 001	3	Direct
	GEOG 101	3	GS; IL	GEOG 040	3	Direct
	ANTH 100	3	GS; US; IL	ANTH 001	3	Direct
Group III (8 cr.) <i>A 4 cr. laboratory science course is required.</i>	PHYS 102	4	GN	PHYS 212	4	Direct
	PHYS 221	4	GN	PHYS 211	4	Direct
	PHYS 222	4	GN	PHYS 212	4	Direct
	CHEM 101	4	GN	CHEM 110/111	4	Direct
	CHEM 102	4	GN	CHEM 112/113	4	Direct
	BIOL 103	4	GN	BI SC 003	4	Direct
	BIOL 120	4	GN	BIOL TR	4	Substitution
	BIOL 201	4	GN	MICRB 106/107	4	Direct

General Electives (3 cr.)	BUSN 102	3	---	B LAW 243	3	Direct
	BUSN 123	3	---	MGMT 100	3	Direct
	BUSN 139	3	GH	PHIL 106	3	Direct
	BUSN 203	3	GS	B A 100	3	Direct
	HIST 122	3	GH	HIST 001	3	Direct
	HIST 123	3	GH	HIST 002	3	Direct
	HIST 201	3	GH	HIST 020	3	Direct
	HIST 202	3	GH	HIST 021	3	Direct
	CRIM 100	3	GS	CRIM 100	3	Direct
	CRIM 125	3	GS	SOC 013	3	Direct
	CRIM 200	3	GS	CRIM 012	3	Direct
	Total Credits		63		63	

Penn State requires three credits of International Cultures (IL) and three credits of United States Cultures (US). The two courses that fulfill the IL and US requirements can also be used to fulfill General Education Arts, Humanities or Social Science requirements.

Penn State requires two units in a single world language other than English. A student may be admitted with fewer than two units in a world language other than English, but must correct this deficiency by the time s/he earns 60 credits or graduates from Penn State, whichever comes first. This deficiency may be corrected by passing one three- or four-credit college level world language course or by demonstrating proficiency equivalent to two units of high school world language study.