

Memo of Agreement Regarding Articulation
Between University College and
Northampton Community College

PURPOSE

The Pennsylvania State University, on behalf of the University College for 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 Northampton Community College establish this Memorandum of Agreement Regarding Articulation to facilitate the matriculation of students from Northampton Community College to the University College Commonwealth campuses of The Pennsylvania State University. The purpose of the agreement is to provide a pathway for students who have successfully completed a transfer associate degree program at Northampton Community College to transition to a parallel baccalaureate degree program at the Penn State University College Commonwealth campuses. The agreement defines admission criteria and processes, evaluation of transfer credits and academic advising services to support students in their transition from Northampton 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, Northampton Community College and any other colleges or universities attended. The admissions application fee will be waived.

Students must complete an AA, AS or AAS 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 Northampton 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 Bachelor of Arts and Bachelor of Science in Administration of Justice (AJAUC_BA/AJSUC_BS), Bachelor of Science in Business (BSBUC_BS), Bachelor of Arts in Corporate Communications (CCUC_BA), Bachelor of Arts in English (ENGUC_BA), Bachelor of Science in Human Development and Family Studies (HFSUC_BS), Bachelor of Science in Information Sciences and Technology (ISSUC_BS), Bachelor of Arts in Letters, Arts and Sciences (LASUC_BA), Bachelor of Arts and Bachelor of Science in Psychology (PYSUC_BS/PYAUC_BA), Bachelor of Science in Rehabilitation and Human Services (RHSUC_BS) and Bachelor of Science in Science (SCIUC_BS). The agreement also includes the RN to BS Nursing program delivered by the College of Nursing at Worthington Scranton. All programs are not delivered at every 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

Northampton 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 Undergraduate Admissions Office.

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 Northampton Community College and University College disciplinary faculty, and were subsequently approved by the University College 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 Undergraduate Admissions transfer equivalency tables recorded in the student information system.

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 and Northampton 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 Northampton Community College.

The 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

The Pennsylvania State University and Northampton Community College agree to review the agreement and relevant transfer course equivalencies annually and will each assign an individual to serve as liaisons for the purpose of monitoring and updating the agreement. 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 The Pennsylvania State University on behalf of the University College Commonwealth campuses and Northampton 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 Northampton 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 Northampton Community College.

[Redacted Signature] Date [Redacted]
Dr. Robert N. Pangborn
Vice President and Dean for Undergraduate Education
Penn State University

[Redacted Signature] Date [Redacted]
Dr. Madlyn L. Hanes
Vice President for Commonwealth Campuses and Dean of the University College
Penn State University

[Redacted Signature] Date [Redacted]
Dr. Gary M. Lawler
Chancellor, Penn State Hazleton

[Redacted Signature] Date [Redacted]
Dr. Tina Richardson
Chancellor, Penn State Lehigh Valley

[Redacted Signature] Date [Redacted]
Dr. Kelly M. Austin
Chancellor, Penn State Schuylkill

[Redacted Signature] Date [Redacted]
Dr. Charles H. Davis
Chancellor, Penn State Wilkes-Barre

[Redacted Signature] Date [Redacted]
Dr. Marwan Wafa
Chancellor, Penn State Worthington Scranton

[Redacted Signature] Date [Redacted]
Dr. Mark H. Erickson
President, Northampton Community College

Addendum A (1)
Program-to-Program Articulation

Northampton Community College Associate in Criminal Justice
Penn State Baccalaureate in Administration of Justice

Offered at Penn State Hazelton, Schuylkill, Wilkes-Barre		Northampton Community College		PSU University College		
Associate in Criminal Justice		B.A./BS in Administration of Justice (AJAUC_BA/AJSUC_BS)		B.A./BS in Administration of Justice (AJAUC_BA/AJSUC_BS)		
http://catalog.northampton.edu/Programs-and-Majors/Criminal-Justice.htm		http://bulletins.psu.edu/undergrad/programs/baccalaureate/A/AOJBA		http://bulletins.psu.edu/undergrad/programs/baccalaureate/A/AOJBS		
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
CISC 101	Introduction to Computers	3	CMPS 101	Elective	3	Direct
CJST 101	Introduction to Criminal Justice	3	CRIM 100 (GS) Introductory Criminal Justice	Required Course in Major	3	Direct
CJST 121G	Criminology	3	CRIM 012/SOC 012 (GS Criminology)	Required Course in Major	3	Direct
CJST 131	Juvenile Delinquency & Laws Pertaining to Children	3	CRIM 013/SOC 013 (GS) Juvenile Delinquency	Additional Course in Major	3	Direct
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric and Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151R	English II	3	ENGL 202B (GWS) Writing in the Social Sciences	General Education Writing and Speaking (GWS)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	General Education Social and Behavioral Sciences (GS)	3	Direct
PSYC 255	Abnormal Psychology	3	PSYCH 270 Introductory Abnormal Psychology	BS: Supporting Course in Major BA: Bachelor of Arts Requirement	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001 (GS) Introductory Sociology	General Education Social and Behavioral Sciences (GS)	3	Direct
SOCA 150	Deviance	3	SOC XFRGEN	Elective	3	Substitution
SOCA 204	Social Problems	3	SOC 005 (GS) Social Problems	General Education Social and Behavioral Sciences (GS) for Arts(GA) (3-6-9)	3	Substitution

CJST 111	American Legal System	3	CRIM 100 (GS) Introductory Criminal Justice	Supporting Course in major. (Substitution required to count course toward degree because NCC CJST 101 and 110 are both articulated as PSU CRIM 100.	3	Substitution
CJST 115	Criminal Law	3	CRIM 113	Additional Course in Major	3	Direct
CJST 125	Corrections and Rehabilitation	3	CRIM 230	Additional Course in Major	3	Direct
CJST 145	Criminal Justice Ethics	3	CRIM XFR100	Supporting Course in Major	3	Direct
CJST 250	Contemporary Issues in Criminal Justice	3	CRIM XFRGEN	Substitute for CRIM 221 – Required Course in Major	3	Substitution
POLS 105G	American Constitutional Law	3	PLSC XFRGS1	Elective	3	Substitution
See Recommended General Education Courses	Arts and Humanities Elective	3	See recommended GA or GH courses	General Education Arts (GA) or Humanities (GH)	3	Direct
	Math or Science Elective	3-4	See recommended GN or GQ lists	General Education Natural Sciences (GN) or Quantification (GQ)	3-4	Direct
	Elective General Education Natural Science recommended.	3	See Recommended GN List	General Education Natural Sciences (GN)	3	Direct
Total NCC Credits		63-64	Total PSU Credits		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.

General Education Equivalencies

Northampton Community College			PSU University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT or SUBSTITUTION
RECOMMENDED General Education Arts elective courses			Recommended taking two General Education Arts (GA) courses		
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to Visual Arts	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	Direct
ARTA 107	Drawing 1	3	ART 020	Introduction to Drawing	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	Direct
ARTA 158	Painting 1	3	ART 050	Introduction to Painting	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	Direct
ARTA 162	Sculpture	3	ART 030	Introduction to Sculpture	Direct
CMTH 110	Introduction to Theatre	3	THEA 100	The Art of Theatre (US) (IL)	Substitution
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	Direct
MUSC 110	Fundamentals of Music 1	3	MUSIC 008	Rudiments of Music	Direct
RECOMMENDED General Education Humanities elective courses			Recommend taking two General Education Humanities (GH) Courses		
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	Direct
HIST 113	American History 1	3	HIST 020	American Civilization to 1877 (US)	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	Direct
HIST 166	Civil War & Reconstruction	3	HIST 130	Intro to the Civil War Era, 1848-1877 (US)	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	Direct
HIST 173	Modern European History, 1815-Present	3	HIST 002	The Western Heritage II (IL)	Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to the Philosophy of Religion	Direct
PHIL 202	Ethics & Moral Problem	3	PHIL 003	Persons, Moral Values, & the Good Life	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	Direct

Addendum A (2)
Program-to-Program Articulation

Northampton Community College, Associate Degree in Business Administration
Penn State University, Baccalaureate Degree in Business

Offered at Penn State Hazleton, Lehigh Valley, Schuylkill, Wilkes-Barre and Worthington Scranton

Northampton Community College		Penn State University, University College				
Associate of Arts in Business Administration http://catalog.northampton.edu/Programs-and-Majors/Business-Administration.htm		Bachelor of Science in Business (BSBUC_BS) http://bulletins.psu.edu/undergrad/programs/baccalaureate/B/BSB http://bulletins.psu.edu/bulletins/bluebook/university/course_descriptions.cfm				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
ACCT 101 ACCT 151 ACCT 202	Financial Accounting I Financial Accounting II Managerial Accounting <i>(all three courses must be completed at NCC)</i>	3 3 3	ACCTG 211 Financial & Managerial Accounting for Decision Making	Required Course in Major	4	Direct
ACCT 205	Cost Accounting (Elective)	3	ACCTG XFR100 Accounting General	Elective	3	Direct
BUSA 131	Principles of Marketing	3	MKTG 221 Contemporary American Marketing	Elective	3	Substitution
BUSA 152	Business Law	3	B LAW XFR100 BLAW General 100-level	BA 242 + PSU BA 297 = BA 243 Required Course in Major. <i>Students must also completed BA 297 (I) at PSU for BA 243 substitution</i>	3	Substitution
BUSA 201	Business Statistics I	4	SCM 200 GQ Introduction to Statistics for Business	Required Course in Major and General Education Quantification (GQ)	4	Direct
BUSA 205	Management Fundamentals	3	MGMT 100 Survey of Management	Elective	3	Substitution

CISC 104 (Recommended)	Microcomputer Applications	3	CMPS 100 Computer Fundamentals and Applications	Substitute for MIS 2014. Required Course in Major	3	Substitution
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
ECON 201	Macroeconomics	3	ECON 104 (GS) Introductory Macroeconomics, Analysis & Policy	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
ECON 251	Microeconomics	3	ECON 102 (GS) Introductory Microeconomics, Analysis & Policy	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric & Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151	English II	3	ENGL 202B (GWS) Effective Writing: Writing in Humanities	General Education Writing and Speaking (GWS)	3	Direct
MATH 140 (Recommended)	Mathematics elective: College Algebra	3	*MATH 022 (GQ) College Algebra II with Analytic Geometry (GQ)	General Education Quantification (GQ)	3	Direct
MATH 180 (Recommended)	Mathematics elective: Calculus	4	MATH 140 (GQ) Calculus with Analytic Geometry I	Required Course in Major and General Education Quantification (GQ)	4	Direct
See Recommended General Education Courses	General Education (Art) Elective	3	See recommended GA list	General Education Arts (GA)	3	Direct
	General Education (Humanities) Elective	3	See recommended GH list	General Education Humanities (GH)	3	Direct
	General Education (Art/Humanities) Elective	3	See recommended GA/GH list	General Education Art/Humanities (GA/GH)	3	Direct
	Science Elective	4	See recommended GN list	General Education Natural Sciences (GN)	4	Direct

	Total NCC Credits	63		Total PSU Credits	58	
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*Entrance to the B.S. in Business requires completion of PSU MATH 22 (NCC MATH 140)

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 she/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.

General Education Equivalencies

Northampton Community College			Penn State University, University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT or SUBSTITUTION
<i>RECOMMENDED General Education Arts elective courses</i>					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to the Visual Arts	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	Direct
ARTA 162	Sculpture	3	ART 030	Introduction of Sculpture	Direct
CMTH 110	Introduction to the Theatre	3	THEA 100	The Art of the Theatre (US)(IL)	Substitution
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	Direct
<i>RECOMMENDED General Education Humanities elective courses</i>					
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	Direct
HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	Direct
<i>Recommend taking two General education Arts (GA) courses</i>					
<i>Recommend taking two General education Humanities (GH) courses</i>					

PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	3	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	3	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (II)	3	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3	Direct
<i>RECOMMENDED General Education Mathematics elective courses</i>						
<i>Recommend taking two General education Quantification (GQ) courses</i>						
BUSA 201	Business Statistics I (REQUIRED)	4	BA 200	Introduction to Statistics for Business	4	Substitution
MATH 140	College Algebra (MATH 140 or higher required for entrance to BSBC)	3	MATH 022	College Algebra II & Analytic Geometry	3	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4	Direct
MATH 181	Calculus II	5	MATH 141	Calculus with Analytic Geometry II	5	Direct
MATH 210	Calculus III	5	MATH 230	Calculus & Vector Analysis	5	Direct
<i>RECOMMENDED General Education Science elective courses</i>						
<i>Recommend taking three General education Natural Science (GN) courses</i>						
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1	Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO II	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	5	PHYS 211	General Physics: Mechanics	5	Direct
PHYS 225	Physics for Science & Engineering II	5	PHYS 212	General Physics: Electricity & Magnetism	5	Direct

Program-to-Program Articulation

Northampton Community College, Associate Degree in Communication Studies
Penn State, Baccalaureate Degree in Corporate Communication

Offered at Penn State Hazleton, Lehigh Valley, Schuylkill, Wilkes-Barre, and Worthington Scranton

Northampton Community College

Penn State University, University College

REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT OR SUBSTITUTION
<i>Bachelor of Arts in Corporate Communication (CCUC_BA)</i> http://bulletins.psu.edu/undergrad/courses/C/CC/						
<i>Associates in Communication Studies</i> http://catalog.northampton.edu/Programs-and-Majors/Communication-Studies.htm						
BUSA 131 <i>Recommended</i>	Elective +: Principles of Marketing	3	MKTG 221 Contemporary American Marketing	Elective	3	Substitution
BUSA 152 <i>Recommended</i>	Elective +: Business Law I	3	B LAW XFRGEN 100	BLAW 243 + BA 297 = BA 243 Additional Course in Major. <i>Students must also completed BA 297 (1) at PSU for BA 243 substitution.</i>	3	Substitution
BUSA 211 <i>Recommended</i>	Mathematic Elective: Personal Finance	3	FIN 108	Elective	3	Substitution
CISC 104 <i>Recommended</i>	Elective +: Microcomputer Applications	3	CMPS 100 Computer Fundamentals and Applications	Elective	3	Substitution
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
CMTH 214	Interpersonal Communication	3	CAS 203	Bachelor of Arts Requirement	3	Direct
CMTH 215	Intercultural Communication	3	CAS 271 (IL;US) Intercultural Communications	Bachelor of Arts Other Cultures Requirement	3	Direct
CMTH 230	Introduction to Communication Theory	3	CAS 202 Introduction to Communication Theory	Bachelor of Arts Requirement	3	Direct
CMTH 231	Small Group Communication	3	CAS 250 Small Group Communication	Additional Course Requirement	3	Direct
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric and Composition	General Education Writing and Speaking (GWS)	3	Direct

ENGL 151	English II	3	ENGL 202B (GWS) Writing / Humanities	General Education Writing and Speaking (GWS)	3	Direct
LIBT 115 <i>Recommended</i>	Elective +: Reference Resources and Services	3	IST 110 Information, People and Technology	Additional Course Requirement	3	Direct
MATH 140 <i>Recommended</i>	Mathematics Elective: College Algebra	3	MATH 022 (GQ) College Algebra II and Analytic Geometry	General Education Quantification (GQ)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	General Education Arts (GA) 3-6-9	3	Substitution
SOCA 103	Principles of Sociology	3	SOC 001 (GS) Introductory Sociology	General Education Social and Behavioral Sciences (GS)	3	Direct
See Recommended General Education Courses	Arts/Humanities Elective	3	See recommended GA/GH courses	General Education Arts (GA) or Humanities (GH)	3	Direct
	Science Elective	4	See recommended GN courses	General Education Natural Sciences (GN)	4	Direct
	Take ECON 201 or ECON 251	3	ECON 102 (GS) Introductory Microeconomics, Analysis & Policy or ECON 104 Introductory Macroeconomics, Analysis & Policy	Additional Course in Major	3	Direct
	Arts/Science Elective	6	See recommended GN and GA courses	General Education Natural Sciences (GN) and	6	Direct
Total NCC Credits		61		Total PSU Credits	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.

General Education Equivalencies

Northampton Community College			Penn State University, University College			
Associates in Communication Studies			Bachelor of Arts in Corporate Communication			
COURSE	TITLE	CREDITS	COURSE	TITLE	CREDITS	DIRECT or SUBSTITUTION
<i>RECOMMENDED General Education Arts elective courses</i>			<i>Recommend taking two General education Arts (GA) courses</i>			
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to the Visual Arts	3	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	3	Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	3	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	3	Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	3	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	3	Direct
ARTA 162	Sculpture	3	ART 030	Introduction of Sculpture	3	Direct
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3	Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	3	Direct
<i>RECOMMENDED General Education Humanities elective courses</i>			<i>Recommend taking two General education Humanities (GH) courses</i>			
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	3	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	3	Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	3	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	3	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	3	Direct
HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	3	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	3	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	3	Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	3	Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	3	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	3	Direct

PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	3	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3	Direct
RECOMMENDED General Education Mathematics elective courses						
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	3	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4	Direct
MATH 181	Calculus II	5	MATH 141	Calculus with Analytic Geometry II	5	Direct
MATH 210	Calculus III	5	MATH 230	Calculus & Vector Analysis	5	Direct
RECOMMENDED General Education Science elective courses						
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1	Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHYS 225	Physics for Science & Engineering II	4	PHYS 212	General Physics: Electricity & Magnetism	4	Direct
RECOMMENDED General Education Quantification (GQ) courses						

Northampton Community College Associate in Liberal Arts
Penn State Baccalaureate in Penn State Baccalaureate in English

Offered at Wilkes-Barre and Worthington Scranton		PSU University College				
Northampton Community College		BA in English (ENGUC_BA)				
Associate in Liberal Arts		http://bulletins.psu.edu/undergrad/programs/baccalaureate/E/ENGL				
http://catalog.northampton.edu/Programs-and-Majors/Liberal-Arts.htm		REQUIREMENT	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
CMTH 110	Introduction to Theatre	3	THEA XFRGEN	General Education ARTS (GA)	3	Substitution
or MUSC 101	Introduction to Music		MUSIC 005 (GA) An Introduction to Western Music	(also fulfills International Cultures Requirement)		Direct
or ARTA 101	Art History Survey		ART H 100 (GA;IL) Introduction to Art (IL)			Direct
or DANC 101	Dance History		DANCE XFRGEN			Substitution
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric and Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151	English II	3	ENGL 202B(GWS) Writing in the Humanities	General Education Writing and Speaking (GWS)	3	Direct
HIST Elective	See Recommended GH List (HIST)	3	HIST from recommended GH list	General Education Humanities (GH)	3	Direct
PHIL 201	Introduction to Philosophy	3	PHIL 001 (GH) Basic Problems of Philosophy	General Education Humanities (GH)	3	Direct
POLS Elective	See Recommended GS List (PL SC)	3	PL SC from recommended list	General Education Social and Behavioral Sciences (GS)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	General Education Social and Behavioral Sciences (GS)	3	Direct
SOCA 102	Cultural Anthropology	3	ANTH 045 (GS;IL;US) Cultural Anthropology or	Bachelor of Arts Requirement	3	Direct
or	Or		SOC 001 (GS) Introductory Sociology			Direct
SOC103	Principles of Sociology	6	Recommend	Bachelor of Arts Foreign Language Requirement (PSU requires 12 th credit (Level III) proficiency)	6	Substitution
Modern Language Elective	MDLA Selection Level 1 and Level 2		FR XFRGEN or SPAN XFRGEN			

See Recommended Elective Courses	English Literature Elective <i>Recommended:</i> ENGL 203G or ENGL 264	3	ENGL 129 (GH) Shakespeare or ENGL 145 (GH;IL) Modern Irish Literature or Literature or	Supporting Course in Major – English Literature, Writing or Rhetoric. (ENGL 145 <i>also satisfies International Requirement (IL)</i>)	3	Direct
	Math Elective	3	See recommended GQ courses	General Education Quantification Requirement (GQ)	3	Direct
	Science Elective	3/4	See recommended GN courses	General Education Natural Science (GN)	3/4	Direct
	Math or Science Elective	3/4	See recommended GN or GQ courses	General Education Natural Science (GN) or Quantification (GQ)	3/4	Direct
	See Concentration Electives or Electives List	15	See recommended GA, GH, GN, GS courses	*Major Requirements, Bachelor of Arts or Electives	15	Direct/Substitution
Total NCC Credits		60-62	Total PSU Credits		60-62	

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.

General Education Equivalencies

Northampton Community College Associate in Liberal Arts		PSU University College BA in English (ENGCC)	
COURSE	TITLE	COURSE	TITLE
	CREDITS		CREDITS
			DIRECT or SUBSTITUTION
Recommended taking TWO General Education Arts (GA) courses			
RECOMMENDED	General Education Arts elective courses		
ARTA 100	Art & Visual Thinking	ART 001	Introduction to Visual Arts
ARTA 101	Art History Survey	ART H 100	Introduction to Art (IL)
ARTA 107	Drawing I	ART 020	Introduction to Drawing
ARTA 130	Introduction to Web Site Design	ART 101	Introduction to Web Design
ARTA 158	Painting I	ART 050	Introduction to Painting
ARTA 161	Ceramics	ART 080	Introduction to Ceramics
ARTA 162	Sculpture	ART 030	Introduction to Sculpture
CMTH 110	Introduction to Theatre	THEA 100	The Art of Theatre (US) (IL)
ENGL 253	Creative Writing	ENGL 050	Introduction to Creative Writing
MUSC 101	Introduction to Music	MUSIC 005	An Introduction to Western Music
MUSC 110	Fundamentals of Music I	MUSIC 008	Rudiments of Music
HIST 166	Civil War & Reconstruction	HIST 130	Intro to the Civil War Era, 1848-1877 (US)
HIST 167	Vietnam	HIST 173	Vietnam in War & Peace (IL)
HIST 168	History of the Middle East	HIST 181	Introduction to the Middle East (IL)
HIST 173	Modern European History, 1815-Present	HIST 002	The Western Heritage II (IL)
PHIL 121	World Religions	PHIL 124	Introduction to the Philosophy of Religion
PHIL 202	Ethics & Moral Problem	PHIL 003	Persons, Moral Values, & the Good Life
PHIL 204	Asian Philosophies	PHIL 007	Asian Philosophy (IL)
PHIL 211	Ancient Philosophy	PHIL 200	Ancient Philosophy
Recommended taking two General education Humanities (GH) courses			
RECOMMENDED	General Education Humanities elective courses		
ENGL 203G	Shakespeare	ENGL 129	Shakespeare
ENGL 264	Irish Literature	ENGL 145	Modern Irish Literature (IL)
HIST 113	American History I	HIST 020	American Civilization to 1877 (US)
HIST 153	Foundations of Modern European History, 1300-1815	HIST 001	The Western Heritage I (IL)
HIST 163	American History II	HIST 021	American Civilization Since 1877 (US)
HIST 166	Civil War and Reconstruction	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)
HIST 167	Vietnam	HIST 173	Vietnam in War & Peace (IL)
HIST 168	History of the Middle East	HIST 181	Introduction to the Middle East (IL)
HIST 173	Modern European History, 1815 to Present	HIST 002	The Western Heritage II (IL)
PHIL 121	World Religions	PHIL 124	Introduction to Philosophy of Religion
PHIL 202	Ethics & Moral Problems	PHIL 003	Persons, Moral Values, & the Good Life
PHIL 204	Asian Philosophies	PHIL 007	Asian Philosophy (IL)
PHIL 211	Ancient Philosophy	PHIL 200	Ancient Philosophy

RECOMMENDED General Education <i>Mathematics</i> elective courses		Recommended taking <i>TWO</i> General Education <i>Quantification</i> (GQ) courses				
BUSA 201	Business Statistics I	4	SCM 200	Supply Chain Management	4	Substitution
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	3	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4	Direct
MATH 181	Calculus II	4	MATH 141	Calculus with Analytic Geometry II	4	Direct
MATH 210	Calculus III	4	MATH 230	Calculus & Vector Analysis	4	Direct
RECOMMENDED General Education <i>Science</i> elective courses		Recommended taking <i>THREE</i> General Education <i>Natural Science</i> (GN) Courses				
CHEM 120	General Chemistry I	4	CHEM 110	Chemical Principles I	3	Direct
			CHEM 111	Experimental Chemistry II	1	
CHEM 220	General Chemistry II	4	CHEM 112	Chemical Principles II	3	Direct
			CHEM 113	Experimental Chemistry II	1	
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHYS 225	Physics for Science & Engineering II	3	PHYS 212	General Physics: Electricity & Magnetism	4	Direct

RECOMMENDED General Education Social Science elective courses		Recommend taking two General Education Social and Behavioral Sciences (GS) courses				
BUSA 101	Introduction to Business	3	BA 100	Introduction to Business	3	Direct
CJST 101	Introduction to Criminal Justice	3	CRIM 100	Introduction to Criminal Justice	3	Direct
CJST 121	Criminology	3	CRIM 012	Criminology	3	Direct
CJST 131	Juvenile Delinquency and Laws Pertaining to Children	3	SOC 013	Juvenile Delinquency	3	Direct
CMTH 103 or CMTH 104	Mass Communication Mass Media and Society	3	COMM 100	The Mass Media and Society	3	Direct
ECON 201	Macroeconomics	3	ECON 104	Introductory Macroeconomics Analysis & Policy	3	Direct
ECON 251	Microeconomics	3	ECON 102	Introductory Microeconomics Analysis & Policy	3	Direct
GEOG 101	World Geography	3	GEOG 040	World Regional Geography (IL)	3	Direct
GEOG 121	Introduction to Environmental Problems	3	GEOG 030	Geographic Perspective on Sustainability & Human-Environmental Systems (IL)	3	Direct
POLS 101	Introduction to Political Science	3	PL SC 003	Introduction to Comparative Politics (IL)	3	Direct
POLS 110	American National Government	3	PL SC 001	Introduction to American National Government	3	Direct
POLS 202	International Relations	3	PL SC 014	International Relations (IL)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100	Introductory Psychology	3	Direct
PSYC 251	Child Psychology	3	HD FS 229	Infant and Child Development	3	Direct
PSYC 258	Developmental Psychology	3	PSYCH 212	Introduction to Developmental Psychology	3	Direct
PSYC 265	Psychology of Sex and Gender	3	PSYCH 231	Introduction to the Psychology of Gender (US)	3	Direct
SOCA 102	Cultural Anthropology	3	ANTH 045	Cultural Anthropology (US)(IL)	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001	Introductory Sociology	3	Direct
SOCA 125	Sociology of Families	3	SOC 030	Sociology of the Family	3	Direct
SOCA 204	Social Problems	3	SOC 005	Social Problems	3	Direct
SOCA 210	Sociology of Gender	3	SOC 110	Sociology of Gender (US)	3	Direct

Addendum A (5)

Program-to-Program Articulation

Northampton Community College Associate in Social Work
Penn State Baccalaureate in Human Development and Family Studies

Offered at Penn State Worthington Scranton

Northampton Community College Associate in Social Work http://www.northampton.edu/academic-programs/programs-and-majors/social-sciences/social-work.htm		PSU University College BS in (HFSUC_BS) http://bulletins.psu.edu/undergrad/programs/baccalaureate/H/HD%20FS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
BIOS 105	Contemporary Biology	4	BISC XFRGEN General Education Natural Sciences (GN)	4	Substitution
BIOS 160	Human Biology	4	BISC XFRGEN General Education Natural Sciences (GN)	4	Substitution
CMTH 102	Speech Communication	3	CAS 100 (GWS) General Education Writing and Effective Speech	3	Direct
ENGL 101	English I	3	ENGL 015 (GWS) General Education Writing and Rhetoric and Composition	3	Direct
ENGL 151	English II	3	ENGL 202B (GWS) General Education Writing and Writing in the Social Sciences	3	Direct
HIST 163	American History II	3	HIST 021 (GH;US) General Education Humanities (GH) and United States Cultures (US)	3	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003 (GH) General Education Humanities (GH)	3	Direct
POLS 110	American National Government	3	PL SC 001 (GS) General Education Social and Behavioral Sciences (GS)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) General Education Social and Behavioral Sciences (GS)	3	Direct
Elective: PSYC 251	Child Psychology	3	HD FS 229 (GS) Additional Course in Major	3	Direct
PSYC 258	Developmental Psychology	3	PSYCH 212 (GS) Supporting Course in Major (6 credits of supporting courses may be below 400-level)	3	Direct
SOCA 204	Social Problems	3	SOC 005 (GS) Social Problems General Education Social and Behavioral Sciences (GS) (will substitute for GA in 3,6,9)	3	Direct

SOCA 102	Cultural Anthropology	3	ANTH 045 (GS;IL;US) Cultural Anthropology	HDFS United States Cultures Course Requirement in the Major.	3	Direct
SOCA 105	American Ethnicity	3	SOC 119	Elective	3	Direct
SOCA 125	Sociology of Families	3	SOC 030 (GS) Sociology of the Family)	Supporting Course in Major (6 credits of supporting courses may be below 400-level)	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001 (GS) Introductory Sociology	Elective	3	Direct
SCWK 101	Introduction to Social Work	3	TRNXFR100 SCWK	Elective	3	Substitution
MATH 150	Introduction to Statistics	3	STAT 100 (substitute for EDPSY 101)	Additional Course in Major and General Education Quantification (GQ)	3	Substitution
Elective: PSYC 254	Adolescent Psychology	3	PSYCH XFRGS2	Additional Course in Major	3	Substitution
See Recommended LIST	English Literature Elective	3	General Education Humanities (GH) ENGL Courses	Will not count toward degree requirements. All general education and elective requirements are complete.	3	Direct
	Total NCC Credits	62		Total PSU Credits	62	

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.

General Education Equivalencies

Northampton Community College			PSU University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT or SUBSTITUTION
RECOMMENDED General Education <i>Arts</i> elective courses					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to Visual Arts	3 Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	3 Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	3 Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	3 Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	3 Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	3 Direct
ARTA 162	Sculpture	3	ART 030	Introduction to Sculpture	3 Direct
CMTH 110	Introduction to Theatre	3	THEA 100	The Art of Theatre (US) (IL)	3 Substitution
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3 Direct
MUSIC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3 Direct
MUSIC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	3 Direct
RECOMMENDED General Education <i>Humanities</i> elective courses					
Recommend taking two General education <i>Humanities</i> (GH) courses					
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	3 Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	3 Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	3 Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	3 Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	3 Direct
HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	3 Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	3 Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	3 Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	3 Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	3 Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	3 Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	3 Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3 Direct
RECOMMENDED General Education <i>Mathematics</i> elective courses					
Recommend taking two General Education <i>Quantification</i> (Q) courses					
BUSA 201	Business Statistics I /	4	BA 200	Supply Chain Management	4 Substitution
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	3 Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3 Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4 Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4 Direct
MATH 181	Calculus II	4	MATH 141	Calculus with Analytic Geometry II	4 Direct
MATH 210	Calculus III	4	MATH 230	Calculus & Vector Analysis	4 Direct
RECOMMENDED General Education <i>Science</i> elective courses					
Recommend taking three General Education <i>Natural Science</i> (GN) Courses					

CHEM 120	General Chemistry I	4	CHEM 110	Chemical Principles I	3	Direct
			CHEM 111	Experimental Chemistry II	1	Direct
CHEM 220	General Chemistry II	4	CHEM 112	Chemical Principles II	3	Direct
			CHEM 113	Experimental Chemistry II	1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHYS 225	Physics for Science & Engineering II	3	PHYS 212	General Physics: Electricity & Magnetism	4	Direct

Program-to-Program Articulation

Northampton Community College, Associate Degree in Computer Science
 Penn State University, Baccalaureate Degree in Information Sciences and Technology

Program Offered at Penn State Hazleton, Lehigh Valley, Schuylkill, Wilkes-Barre and Worthington Scranton

Northampton Community College		Penn State University, University College				
Associate of Science in Computer Science http://catalog.northampton.edu/Programs-and-Majors/Computer-Science.htm http://catalog.northampton.edu/Course-Descriptions.htm		*Bachelor of Science in Information Sciences and Technology (ISSUC_BS) http://bulletins.psu.edu/undergrad/programs/baccalaureate/I/IST http://bulletins.psu.edu/bulletins/bluebook/university_course_descriptions.cfm				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT OR SUBSTITUTION
CISC 115	Computer Science I	4	CMPSX XFR100	Major Requirement. Substitute for CMPSX 101	4	Substitution
CISC 125	Computer Science II	4	CMPSX 122 Intermediate Programming	Support Of Option	4	Direct
CISC 225	Computer Organization	4	CMPSX XFR300 Computer Science General Credits	Free Elective	4	Substitution
CISC 230	Data Structures and Algorithm Analysis	4	CMPSX XFR300 General Credits	Support Of Option Requirement	4	Substitution
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric and Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151	English II	3	ENGL 202B (GWS) Effective Writing: Writing in Humanities	Additional Course in Major and General Education Writing and Speaking (GWS)	3	Substitution
MATH 180	Calculus I	4	MATH 140 (GQ) Calculus with Analytic Geometry I	Additional Course in Major and General Education Quantification (GQ)	4	Direct
MATH 181	Calculus II	4	MATH 141 (GQ) Calculus with Analytic Geometry II	Support Of Option	4	Direct

ECON 201/251	Social Science elective: Macroeconomics / Microeconomics	3	ECON 104/102 (GS) Introductory Macroeconomics / Microeconomics Analysis & Policy (GS)	Additional Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
	Elective: LIBT 115 <i>recommended</i>	3	IST 110 (GS)	Required Course in Major	3	Direct
	(Art) Elective	3	See recommended GA list	General Education Arts (GA)	3	Direct
	(Art) Elective	3	See recommended GA list	General Education Arts (GA)	3	Direct
	(Humanities) Elective	3	See recommended GH list	General Education Humanities (GH)	3	Direct
	(Humanities) Elective	3	See recommended GH list	General Education Humanities (GH)	3	Direct
	(Social Science) Elective	3	See recommended GN list	General Education Natural Sciences (GN)	3	Direct
	Elective	3	See recommended Gen Ed Courses	General Education Natural Sciences (GN)	3	Direct
	Science Elective	4	See recommended GN list	General Education Natural Sciences (GN)	4	Direct
	Total NCC Credits	61		Total PSU Credits	61	

**ISSUC_BS requires PSU IST 110, 210 and 220 for entrance and either high school trig or a higher college-level math. NCC students will be admitted to pre-major status (UCIST_PMAJ) to complete the remaining entry courses at PSU.*

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 she/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.

General Education Equivalencies

Northampton Community College			Penn State University, University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT OR SUBSTITUTION
<i>RECOMMENDED General Education Arts elective courses</i>					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to the Visual Arts	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	Direct
ARTA 162	Sculpture	3	ART 030	Introduction of Sculpture	Direct
CMTH 110	Introduction to the Theatre	3	THEA 100	The Art of the Theatre (US)(IL)	Substitution
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	Direct
<i>RECOMMENDED General Education Humanities elective courses</i>					
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	Direct
HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	Direct
<i>Recommend taking two General education Humanities (GH) courses</i>					

PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	3	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	3	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	3	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3	Direct
<i>RECOMMENDED General Education Science elective courses</i>						
<i>Recommend taking three General education Natural Science (GN) courses</i>						
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1	Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	5	PHYS 211	General Physics: Mechanics	5	Direct
PHYS 225	Physics for Science & Engineering II	5	PHYS 212	General Physics: Electricity & Magnetism	5	Direct
<i>RECOMMENDED General Education Social Science elective courses</i>						
<i>Recommend taking two General Education Social and Behavioral Sciences (GS) courses</i>						
BUSA 101	Introduction to Business	3	BA 100	Introduction to Business	3	Direct
CJST 101	Introduction to Criminal Justice	3	CRIM 100	Introduction to Criminal Justice	3	Direct
CJST 121	Criminology	3	CRIM 012	Criminology	3	Direct
CJST 131	Juvenile Delinquency and Laws Pertaining to Children	3	SOC 013	Juvenile Delinquency	3	Direct
CMTH 103 or CMTH 104	Mass Communication Mass Media and Society	3	COMM 100	The Mass Media and Society	3	Direct
ECON 201	Macroeconomics	3	ECON 104	Introductory Macroeconomics Analysis & Policy	3	Direct
ECON 251	Microeconomics	3	ECON 102	Introductory Microeconomics Analysis & Policy	3	Direct
GEOG 101	World Geography	3	GEOG 040	World Regional Geography (IL)	3	Direct
GEOG 121	Introduction to Environmental Problems	3	GEOG 030	Geographic Perspective on Sustainability & Human-Environmental Systems (IL)	3	Direct

POLS 101	Introduction to Political Science	3	PL SC 003	Introduction to Comparative Politics (IL)	3	Direct
POLS 110	American National Government	3	PL SC 001	Introduction to American National Government	3	Direct
POLS 202	International Relations	3	PL SC 014	International Relations (IL)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100	Introductory Psychology	3	Direct
PSYC 251	Child Psychology	3	HD FS 229	Infant and Child Development	3	Direct
PSYC 258	Developmental Psychology	3	PSYCH 212	Introduction to Developmental Psychology	3	Direct
PSYC 265	Psychology of Sex and Gender	3	PSYCH 231	Introduction to the Psychology of Gender (US)	3	Direct
SOCA 102	Cultural Anthropology	3	ANTH 045	Cultural Anthropology (US)(IL)	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001	Introductory Sociology	3	Direct
SOCA 125	Sociology of Families	3	SOC 030	Sociology of the Family	3	Direct
SOCA 204	Social Problems	3	SOC 005	Social Problems	3	Direct
SOCA 210	Sociology of Gender	3	SOC 110	Sociology of Gender (US)	3	Direct

Addendum A (7)
Program-to-Program Articulation

Northampton Community College Associate in Liberal Arts
Penn State Baccalaureate in Letters, Arts, and Sciences

Offered at Penn State Hazleton and Worthington Scranton <i>Northampton Community College</i> <i>Associate in Liberal Arts</i> http://catalog.northampton.edu/Programs-and-Majors/Liberal-Arts.htm		<i>PSU University College</i> <i>BA in Letters, Arts, & Sciences (LASUC_BA)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/L/LAS				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
CMTH 110 or MUSC 101 or ARTA 101 or DANC 101	Introduction to Theatre Introduction to Music Art History Survey Dance History	3	THEA GEN or MUSIC 005 (GA) or An Introduction to Western Music or ART H 100 (GA;IL) Introduction to Art (IL) or DANCE GEN	General Education ARTS (GA) (ART H 100 also fulfills International Cultures Requirement)	3	Direct/Substitution
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric and Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151	English II	3	ENGL 202B(GWS) Writing in the Humanities	General Education Writing and Speaking (GWS)	3	Direct
HIST Elective	See Recommended GH List (HIST)	3	HIST from Recommended GH list	General Education Humanities (GH)	3	Direct
PHIL 201	Introduction to Philosophy	3	PHIL 001 (GH) Basic Problems of Philosophy	General Education Humanities (GH)	3	Direct
POLS Elective	See Recommended GS List (PL SC)	3	PL SC from recommended list	General Education Social and Behavioral Sciences (GS)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	General Education Social and Behavioral Sciences (GS)	3	Direct
SOCA 102 or 103	Cultural Anthropology or Principles of Sociology	3	ANTH 045 (GS;IL;US) Cultural Anthropology or SOC 001 (GS) Introductory Sociology	Bachelor of Arts Requirement	3	Direct
Modern Language Elective	MDLA Courses Level 1 and Level 2	6	Recommend FR XFRGEN or SPAN XFRGEN	Bachelor of Arts Foreign Language Requirement (<i>PSU requires 12th credit (Level III) proficiency</i>)	6	Substitution
See Recommended	English Literature Elective	3	See recommended GH courses (ENGL)	Bachelor of Arts Requirement	3	Direct

Elective Courses	Math Elective	3	See recommended GQ courses	General Education Quantification Requirement (GQ)	3	Direct
	Science Elective	3/4	See recommended GN courses	General Education Natural Science (GN)	3/4	Direct
	Math or Science Elective	3/4	See recommended GN or GQ courses	General Education Natural Science (GN) or Quantification (GQ)	3/4	Direct
See Concentration Electives or Electives List	Concentration Elective or Elective List	15	See recommended GA, GH, GN, GS courses	*Bachelor of Arts Requirements or Electives as determined by student proposal required for entrance to LASUC BA	15	Direct/Substitution
	Total NCC Credits	60-62		Total PSU Credits	60-62	

**In order to be eligible for entrance to LASUC_BA, 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.*

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.

General Education Equivalencies

Northampton Community College			PSU University College		
Associate in Liberal Arts			BA in Letters, Arts, and Sciences (LASUC_BA)		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT or SUBSTITUTION
RECOMMENDED General Education Arts elective courses					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to Visual Arts	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	Direct
ARTA 162	Sculpture	3	ART 030	Introduction to Sculpture	Direct
CMTH 110	Introduction to Theatre	3	THEA 100	The Art of Theatre (US) (IL)	Substitution
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	Direct
RECOMMENDED General Education Humanities elective courses					
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	Direct
HIST 166	Civil War & Reconstruction	3	HIST 130	Intro to the Civil War Era, 1848-1877 (US)	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	Direct
HIST 173	Modern European History, 1815-Present	3	HIST 002	The Western Heritage II (IL)	Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to the Philosophy of Religion	Direct
PHIL 202	Ethics & Moral Problem	3	PHIL 003	Persons, Moral Values, & the Good Life	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	Direct
RECOMMENDED General Education Mathematics elective courses					
BUSA 201	Business Statistics I	4	SCM_XFR200	Supply Chain Management	Substitution
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	Direct
MATH 181	Calculus II	4	MATH 141	Calculus with Analytic Geometry II	Direct
MATH 210	Calculus III	4	MATH 230	Calculus & Vector Analysis	Direct
RECOMMENDED General Education Science elective courses					
CHEM 120	General Chemistry I	4	CHEM 110	Chemical Principles I	Direct
CHEM 220	General Chemistry II	4	CHEM 111	Experimental Chemistry II	Direct
			CHEM 112	Chemical Principles II	Direct

GEOG 140	Investigating Climate Change	3	CHEM 113 METEO 002	Experimental Chemistry II Our Changing Atmosphere: Personal and Societal Consequences	1	1	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	4	Direct
PHYS 225	Physics for Science & Engineering II	3	PHYS 212	General Physics: Electricity & Magnetism	4	4	Direct

RECOMMENDED General Education Social Science elective courses		Recommend taking two General Education Social and Behavioral Sciences (GS) courses				
BUSA 101	Introduction to Business	3	BA 100	Introduction to Business	3	Direct
CJST 101	Introduction to Criminal Justice	3	CRIM 100	Introduction to Criminal Justice	3	Direct
CJST 121	Criminology	3	CRIM 012	Criminology	3	Direct
CJST 131	Juvenile Delinquency and Laws Pertaining to Children	3	SOC 013	Juvenile Delinquency	3	Direct
CMTH 103 or CMTH 104	Mass Communication Mass Media and Society	3	COMM 100	The Mass Media and Society	3	Direct
ECON 201	Macroeconomics	3	ECON 104	Introductory Macroeconomics Analysis & Policy	3	Direct
ECON 251	Microeconomics	3	ECON 102	Introductory Microeconomics Analysis & Policy	3	Direct
GEOG 101	World Geography	3	GEOG 040	World Regional Geography (IL)	3	Direct
GEOG 121	Introduction to Environmental Problems	3	GEOG 030	Geographic Perspective on Sustainability & Human-Environmental Systems (IL)	3	Direct
POLS 101	Introduction to Political Science	3	PL SC 003	Introduction to Comparative Politics (IL)	3	Direct
POLS 110	American National Government	3	PL SC 001	Introduction to American National Government	3	Direct
POLS 202	International Relations	3	PL SC 014	International Relations (IL)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100	Introductory Psychology	3	Direct
PSYC 251	Child Psychology	3	HD FS 229	Infant and Child Development	3	Direct
PSYC 258	Developmental Psychology	3	PSYCH 212	Introduction to Developmental Psychology	3	Direct
PSYC 265	Psychology of Sex and Gender	3	PSYCH 231	Introduction to the Psychology of Gender (US)	3	Direct
SOCA 102	Cultural Anthropology	3	ANTH 045	Cultural Anthropology (US)(IL)	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001	Introductory Sociology	3	Direct
SOCA 125	Sociology of Families	3	SOC 030	Sociology of the Family	3	Direct
SOCA 204	Social Problems	3	SOC 005	Social Problems	3	Direct
SOCA 210	Sociology of Gender	3	SOC 110	Sociology of Gender (US)	3	Direct

Addendum A (8)
Program-to-Program Articulation

Northampton Community College Associate in Nursing
Penn State RN to Baccalaureate in Nursing

The B.S. Nursing degree is designed for Registered Nurses with an associate degree 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's Undergraduate Admissions Office.

Offered by the College of Nursing at Penn State Schuylkill and Worthington Scranton

Northampton Community College		PSU College of Nursing RN to BS in Nursing http://bulletins.psu.edu/undergrad/programs/baccalaureate/N/NURN				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
BIOS 202	Microbiology for Allied Health	4	MICRB 106/107 (GN)	Major Requirement	4	Direct
BIOS 204 and BIOS 254	Human Anatomy and Physiology I and Human Anatomy and Physiology II	4	BIOL 141/142 (GN) Introductory Physiology/ Physiology Laboratory	General Education GN and Major Requirement	4	Direct
ENGL 101	English I	3	BIOL 129 (GN) Mammalian Anatomy	General Education Writing and Speaking (GWS)	3	Direct
PSYC 103	Introduction to Psychology	3	ENGL 015 (GWS) Rhetoric and Composition	General Education Social and Behavioral Sciences (GS)	3	Direct
CMTH 102	Speech Communication	3	PSYCH 100 (GS) Introductory Psychology	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151R	English II	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
MATH 140 or MATH 150	College Algebra or Introductory Statistics	3	ENGL 202B (GWS) Writing in the Social Sciences	General Education Quantification (GQ)	3	Direct
PSYC 258	Developmental Psychology	3	Math 22 College Algebra or STAT 100	PSYCH 212 (GS) (Subs for HD FS 129 (GS)	3	Substitution
Sociology or Anthropology Elective SOCA 103(recommended)	Principles of Sociology	3	PSYCH 212 (GS) Introduction to Developmental Psychology	General Education Social and Behavioral Sciences (GS) and Additional Course in Major	3	Direct

PHIL 202G	Ethics & Moral Problems	3	PHIL 003 (GH) Persons, Moral Values, & the Good Life	General Education Humanities (GH)	3	Direct
NURS 101	Introduction to Nursing	8	Prescribed major	NURS TR for NURS 225,230, 250,301,305,306,310, 320,405B,420	33	Substitution
NURS 215	Nursing Care of Patients with	8	courses and Nursing			
NURS 223	M/S Problems	4	Elective	Nursing Elective	1	Substitution
NURS 224	Maternal Child Health Nursing	4				
NURS 231	Care of Mental Health Patients	2				
NURS 260	Nursing Seminar	6				
	Integrated Concepts for					
	Nursing Practice	2				
NURS 261	Nursing Practicum					
Total NCC Credits		70		Total PSU Credits	70	

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.

Addendum A (9)
Program-to-Program Articulation

Northampton Area Community College, Associate Degree in Liberal Arts with a concentration in Psychology
Penn State, Baccalaureate Degree in Psychology

Offered at Penn State Hazleton, Lehigh Valley and Worthington Scranton

Northampton Area Community College <i>Liberal Arts, Humanities & Social Sciences AA, Psychology Concentration</i> http://catalog.northampton.edu/programs-and-majors/liberal-arts.htm		Penn State University, University College <i>Psychology BA/BS (PYSUC_BS/PYAUC_BA)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBA http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBS				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
MUSC 101	Introduction to Music	3	MUSIC 005 (GA) An Introduction to Western Music or	General Education Arts (GA)	3	Direct
or ARTA 101	Art History Survey		ART H 100 (US;IL) Introduction to Art History			Direct
ENGL 101	English I	3	ENGL 015 (GWS) Rhetoric & Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151	English II	3	ENGL 202B (GWS) Effective Writing: Writing in Humanities	General Education Writing and Speaking (GWS)	3	Direct
Mathematics Elective: MATH 140 (Recommended)	College Algebra	3	MATH 022 (GQ) College Algebra II and Analytic Geometry	General Education Quantification (GQ)	3	Direct
PHIL 201	Introduction to Philosophy	3	PHIL 001 (GH) Basic Problems of Philosophy	General Education Humanities (GH)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	Required Course in Major	3	Direct
Concentration Elective: PSYC 255	Abnormal Psychology	3	PSYCH 270 Introduction to Abnormal Psychology	Additional Course in Major: Applied and Clinical Psychology Category	3	Direct

Concentration Elective: PSYC 258 or PSYC 251	Developmental Psychology Child Psychology	3	PSYCH 212 (GS) Introduction to Developmental Psychology HD FS 229 (GS) Infant and Child Development	Additional Course in Major: Developmental Psychology Category Or General Education Social and Behavioral Sciences (GS)	3	Direct Direct	
Concentration Elective: PSYC 265	Psychology of Sex & Gender	3	PSYCH 231 Introduction to the Psychology of Gender	Additional Course in Major: Social and Personality Psychology	3	Direct	
SOCA 103 or SOCA 102	Principles of Sociology Cultural Anthropology	3	SOC 001 (GS) Introductory Sociology ANTH 045 (GS:IL:US) Cultural Anthropology	General Education Social and Behavioral Sciences (GS) or General Education Social and Behavioral Sciences (GS) and International Cultures Requirement (IL)	3	Direct Direct	
See Recommended General Education Courses	History Elective	3	See recommended GH list (HIST)	General Education Humanities (GH)	3	Direct	
	Literature Elective	3	See recommended GH list (ENGL)	B.S. program: Elective B.A. program: Bachelor of Arts Requirement	3	Direct	
	Political Science Elective	3	See recommended GS list (PL SC)	General Education Arts (GA) Requirement (3-6-9 substitution)	3	Substitution	
	Science Elective	3/4	See recommended GN list	General Education Natural Sciences (GN)	3/4	Direct	
	Mathematics or Science Elective	3/4	See recommended GQ or GN list	General Education Quantification (GQ) or Natural Sciences (GN)	3/4	Direct	
	Modern Language Level 1	3	FR XFRGEN SPAN XFRGEN	B.S. program: Elective B.A. program: Bachelor of Arts Foreign Language Requirement. <i>Proficiency to 12th credit level required.</i>	3	Substitution	
	Modern Language Level 2	3	FR XFRGEN SPAN XFRGEN	B.S. program: Elective B.A. program: Bachelor of Arts Foreign Language Requirement. <i>Proficiency to 12th credit level required.</i>	3	Substitution	
	Elective	6	See recommended Gen Ed Courses	Bachelor of Arts Requirement or Elective	6	Direct	
	Total NCC Credits		60-62		Total PSU Credits	60-62	

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.

General Education Equivalencies

Northampton Area Community College		Penn State University, University College	
REQUIREMENT	COURSE	REQUIREMENT	COURSE
	CREDITS		CREDITS
RECOMMENDED General Education Arts elective courses			
ARTA 100	Art & Visual Thinking	ART 001	Introduction to the Visual Arts
ARTA 101	Art History Survey	ART H 100	Introduction to Art (IL)
ARTA 107	Drawing I	ART 020	Introduction to Drawing
ARTA 130	Introduction to Web Site Design	ART 101	Introduction to Web Design
ARTA 158	Painting I	ART 050	Introduction to Painting
ARTA 161	Ceramics	ART 080	Introduction to Ceramics
ARTA 162	Sculpture	ART 030	Introduction of Sculpture
ENGL 253	Creative Writing	ENGL 050	Introduction to Creative Writing
MUSIC 101	Introduction to Music	MUSIC 005	An Introduction to Western Music
MUSIC 110	Fundamentals of Music I	MUSIC 008	Rudiments of Music
RECOMMENDED General Education Humanities elective courses			
ENGL 203G	Shakespeare	ENGL 129	Shakespeare
ENGL 264	Irish Literature	ENGL 145	Modern Irish Literature (IL)
HIST 113	American History I	HIST 020	American Civilization to 1877 (US)
HIST 153	Foundations of Modern European History, 1300-1815	HIST 001	The Western Heritage I (IL)
HIST 163	American History II	HIST 021	American Civilization Since 1877 (US)
HIST 166	Civil War and Reconstruction	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)
HIST 167	Vietnam	HIST 173	Vietnam in War & Peace (IL)
HIST 168	History of the Middle East	HIST 181	Introduction to the Middle East (IL)
HIST 173	Modern European History, 1815 to Present	HIST 002	The Western Heritage II (IL)
PHIL 121	World Religions	PHIL 124	Introduction to Philosophy of Religion
PHIL 202	Ethics & Moral Problems	PHIL 003	Persons, Moral Values, & the Good Life
PHIL 204	Asian Philosophies	PHIL 007	Asian Philosophy (IL)
PHIL 211	Ancient Philosophy	PHIL 200	Ancient Philosophy
RECOMMENDED General Education Mathematics elective courses			
BUSA 201	Business Statistics I	SCM XFR200	Introduction to Statistics for Business
MATH 140	College Algebra	MATH 022	College Algebra II & Analytic Geometry
MATH 145	Trigonometry	MATH 026	Plane Trigonometry
MATH 160	Pre-Calculus	MATH 041	Trigonometry & Analytic Geometry
MATH 180	Calculus I	MATH 140	Calculus with Analytic Geometry I
MATH 181	Calculus II	MATH 141	Calculus with Analytic Geometry II
RECOMMENDED General Education Quantification (GQ) courses			
BUSA 201	Business Statistics I	SCM XFR200	Introduction to Statistics for Business
MATH 140	College Algebra	MATH 022	College Algebra II & Analytic Geometry
MATH 145	Trigonometry	MATH 026	Plane Trigonometry
MATH 160	Pre-Calculus	MATH 041	Trigonometry & Analytic Geometry
MATH 180	Calculus I	MATH 140	Calculus with Analytic Geometry I
MATH 181	Calculus II	MATH 141	Calculus with Analytic Geometry II

MATH 210	Calculus III	5	MATH 230	Calculus & Vector Analysis	Direct
RECOMMENDED	General Education Science elective courses			Recommend taking three General education Natural Science (GN) courses	
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1 Direct Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1 Direct Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3 Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4 Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3 Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4 Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4 Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4 Direct
PHYS 225	Physics for Science & Engineering II	4	PHYS 212	General Physics: Electricity & Magnetism	4 Direct

Addendum A (10)
Program-to-Program Articulation

Northampton Community College, Associate Degree in General Studies
Penn State, Baccalaureate Degree in Rehabilitation and Human Services

Offered at Hazleton, Lehigh Valley and Wilkes-Barre

Northampton Community College Associate in General Studies http://catalog.northampton.edu/Programs-and-Majors/General-Studies.htm		Penn State University, University College Rehabilitation and Human Services(RHSUC_BS) http://bulletins.psu.edu/undergrad/programs/baccalaureate/R/RHS				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT or SUBSTITUTION
BUSA 101	Introduction to Business	3	BA 100 (GS) Introduction to Business	Elective	3	Direct
CISC 104	Microcomputer Applications	3	CMPS 100 Computer Fundamentals and Application	Elective	3	Substitution
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
ENGL 101C	English I	3	ENGL 015 (GWS) Rhetoric & Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151C	English II	3	ENGL 202B (GWS) Effective Writing: Writing in Humanities	General Education Writing and Speaking (GWS)	3	Direct
MATH 150	Introduction to Statistics	3	STAT 100 (GQ) Stat Concepts and Reasoning	Required Course in Major and General Education Quantification (GQ)	3	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
PSYC 255	Abnormal Psychology	3	PSYCH 270 Abnormal Psychology	Required Course in Major	3	Direct
PSYC 258	Developmental Psychology	3	PSYCH 212 (GS) Developmental Psychology	Additional Course in Major	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001 (GS) Introductory Sociology	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
SOCA 204	Social Problems	3	SOC 005 (GS) Social Problems	Supporting Course in Major	3	Direct

See Recommended General Education Courses	Elective : Communication	3	Dependent on Student Selection	Elective	3	Direct	
	Elective : Laboratory Science	4	See Recommended GN List	General Education Natural Sciences (GN)	4	Direct	
	Elective : Math Recommended	3-4	See Recommended GQ List	General Education Quantification (GQ)	3-4	Direct	
	Elective : Social Science/Cultural Studies	3	See Recommended GA or GH List	General Education Arts (GA) or Humanities (GH)	3	Direct	
	Elective : Social Science/Cultural Studies	3	See Recommended GA List	General Education Arts (GA)	3	Direct	
	Elective : Social Science/Cultural Studies	3	See Recommended GH List	General Education Arts (GA) or Humanities (GH)	3	Direct	
	Elective <i>Recommended</i>	3	Select from Supporting Courses in CRIM, BBH, HDFS, SOC, PSYCH See Recommended GS List	Supporting Course in Major	3	Direct	
	Elective <i>Recommended</i>	3	Select from General Education Natural Sciences (GN)	General Education Natural Sciences (GN)	3	Direct	
	Elective <i>Recommended</i>	3	Select from General Education Natural Sciences (GN)	General Education Natural Sciences (GN)	3	Direct	
	Total NCC Credits		61-62	Total PSU Credits		61-62	

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.

General Education Equivalencies

Northampton Community College			Penn State University, University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT OR SUBSTITUTION
<i>RECOMMENDED General Education Arts elective courses</i>					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to the Visual Arts	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	Direct
ARTA 162	Sculpture	3	ART 030	Introduction of Sculpture	Direct
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	Direct
<i>RECOMMENDED General Education Humanities elective courses</i>					
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	Direct
HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	Direct
<i>Recommend taking two General education Arts (GA) courses</i>					
<i>Recommend taking two General education Humanities (GH) courses</i>					

PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	3	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	3	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	3	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3	Direct
RECOMMENDED General Education Mathematics elective courses						
Recommend taking General education Quantification (GQ) courses						
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	3	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4	Direct
MATH 181	Calculus II	5	MATH 141	Calculus with Analytic Geometry II	5	Direct
MATH 210	Calculus III	5	MATH 230	Calculus & Vector Analysis	5	Direct
RECOMMENDED General Education Science elective courses						
Recommend taking three General education Natural Science (GN) courses						
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1	Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHYS 225	Physics for Science & Engineering II	4	PHYS 212	General Physics: Electricity & Magnetism	4	Direct

Addendum A (11)
Program-to-Program Articulation

Northampton Community College, Associate Degree in Liberal Arts
Penn State, Baccalaureate Degree in Rehabilitation and Human Services

Offered at Hazleton, Lehigh Valley and Wilkes-Barre

<i>Northampton Community College</i> <i>Associate in Liberal Arts</i> http://catalog.northampton.edu/Programs-and-Majors/Liberal-Arts.htm		<i>Penn State University, University College</i> <i>Rehabilitation and Human Services (RHSUC_BS)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/RHS				
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	CREDITS	DIRECT OR SUBSTITUTION
or MUSC 101	Introduction to Music	3	MUSIC 005 (GA) An Introduction to Western Music or	General Education Arts (GA)	3	Direct
or ARTA 101	Art History Survey		ART H 100 (GA;US;IL) Introduction to Art			Direct
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	3	Direct
ENGL 101	English I	3	ENGL 15 (GWS) Rhetoric & Composition	General Education Writing and Speaking (GWS)	3	Direct
ENGL 151	English II	3	ENGL 202B (GWS) Effective Writing: Writing in Humanities	General Education Writing and Speaking (GWS)	3	Direct
MATH 150	Introduction to Statistics	3	STAT 100 (GQ) Statistical Concepts and Reasoning	Additional Course in Major and General Education Quantification (GQ)	3	Direct
PHIL 201	Introduction to Philosophy	3	PHIL 001 (GH) Basic Problems of Philosophy	General Education Humanities (GH)	3	Direct
PSYC 103	Introduction of Psychology	3	PSYC 100 (GS) Introductory Psychology	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
PSYC 255	Abnormal Psychology	3	PSYCH 270 Abnormal Psychology	Required Course in Major	3	Direct

PSYC 258	Developmental Psychology	3	PSYCH 212 (GS) Developmental Psychology	Additional Course in Major	3	Direct
SOCA 102 or	Cultural Anthropology or		ANTH 045 (GS;IL; US) Cultural Anthropology or	Elective and United States Cultures Requirement or		Direct
SOCA 103	Principles of Sociology (Recommended)	3	SOC 001 (GS) Introduction to Sociology	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
See Recommended General Education Courses	ENGL Elective	3	See Recommended GH List	General Education Humanities (GH)	3	Direct
	HIST Elective	3	See Recommended GH List	General Education Humanities (GH) <i>(Will substitute for Arts (GA) in 3,6,9)</i>	3	Substitute
	MATH or SCI Elective	3-4	See Recommended GQ or GN List	General Education Quantification (GQ) or Natural Sciences (GN)	3-4	Direct
	POLS Elective	3	See Recommended GS (PL SC)	Elective	3	Substitution
	SCI Elective	3-4	See Recommended GN List	General Education Natural Science (GN)	3-4	Direct
	Modern Language Level 1	3	FR XFRGEN SPAN XFRGEN	Elective	3	Direct
	Modern Language Level 2	3	FR XFRGEN SPAN XFRGEN	Elective	3	Direct
	Concentration Elective	6	Select from Supporting Courses in CRIM, BBH, HDFS, SOC, PSYCH See Recommended GS List	Supporting Course in Major	3	Direct
	Concentration Elective	3	Select from Supporting Courses in CRIM, BBH, HDFS, SOC, PSYCH See Recommended GS List	Elective	3	Direct
	Total NCC Credits		60-62		Total PSU Credits	60-62

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.

General Education Equivalencies

Northampton Community College			Penn State University, University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	CREDITS or SUBSTITUTION
<i>RECOMMENDED General Education Arts elective courses</i>					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to the Visual Arts	3 Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	3 Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	3 Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	3 Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	3 Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	3 Direct
ARTA 162	Sculpture	3	ART 030	Introduction of Sculpture	3 Direct
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3 Direct
MUSIC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3 Direct
MUSIC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	3 Direct
<i>RECOMMENDED General Education Humanities elective courses</i>					
ENGL 203G	Shakespeare	3	ENGL 129	Shakespeare	3 Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	3 Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	3 Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	3 Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	3 Direct

HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	3	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	3	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	3	Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	3	Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	3	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	3	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	3	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3	Direct
<i>RECOMMENDED General Education Mathematics elective courses</i>						
<i>Recommend taking General education two Quantification (GO) courses</i>						
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	3	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4	Direct
MATH 181	Calculus II	5	MATH 141	Calculus with Analytic Geometry II	5	Direct
MATH 210	Calculus III	5	MATH 230	Calculus & Vector Analysis	5	Direct
<i>RECOMMENDED General Education Science elective courses</i>						
<i>Recommend taking three General education Natural Science (GN) courses</i>						
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1	Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO 11	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHYS 225	Physics for Science & Engineering II	4	PHYS 212	General Physics: Electricity & Magnetism	4	Direct

Addendum A (12)
Program-to-Program Articulation

Northampton Community College, Associate Degree in Social Work
Penn State, Baccalaureate Degree in Rehabilitation and Human Services

Offered at Penn State Hazleton, Lehigh Valley and Wilkes-Barre		Northampton Community College <i>Associate in Social Work</i> http://catalog.northampton.edu/Programs-and-Majors/Social-Work.htm		Penn State University, University College <i>Rehabilitation and Human Services (RHSUC_BS)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/RHS	
REQUIREMENT	COURSE	CREDITS	COURSE	REQUIREMENT	DIRECT OR SUBSTITUTION
BIOS 105	Contemporary Biology	4	BISC XFRGEN	General Education Natural Sciences (GN)	Direct
BIOS 160	Human Biology	4	BISC XFRGEN	Additional Course in Major and General Education Natural Sciences (GN)	Direct
CMTH 102	Speech Communication	3	CAS 100 (GWS) Effective Speech	General Education Writing and Speaking (GWS)	Direct
ENGL 101	English I	3	ENGL 15 (GWS) Rhetoric and Composition	General Education Writing and Speaking (GWS)	Direct
ENGL 151	English II	3	ENGL 202B (GWS) Effective Writing: Writing in Humanities	General Education Writing and Speaking (GWS)	Direct
HIST 163	American History II	3	HIST 021 (GH;US) American Civilization Since 1877	General Education Humanities (GH) and United States Cultures (US)	Direct
MATH 150	Introduction to Statistics	3	STAT 100 (GQ) Introductory Statistics	Additional Course in Major and General Education Quantification (GQ)	Direct
PHIL 202	Ethics and Moral Problems	3	PHIL 003 (GH) Persons, Moral Values, & the Good Life	General Education Humanities (GH)	Direct
POLS 110	American National Government	3	PLSC 001 (GS) Introduction to Comparative Politics	Elective	Direct
PSYC 103	Introduction to Psychology	3	PSYCH 100 (GS) Introductory Psychology	Required Course in Major and General Education Social and Behavioral Sciences (GS)	Direct
PSYC 255	Introduction to Abnormal Psychology	3	PSYCH 270 Abnormal Psychology	Required Course in Major	Direct
PSYC258	Developmental Psychology	3	PSYCH 212 (GS) Introduction to Developmental Psychology	Additional Course in Major	Direct
SCWK 101	Introduction to Social Work	3	TRN XFR100	Elective	Direct

SOCA 102	Cultural Anthropology	3	ANTH 045 (GS;IL/US) Cultural Anthropology	Elective and International Requirement (IL)	3	Direct
SOCA 103	Principles of Sociology	3	SOC 001 (GS) Introductory Sociology	Required Course in Major and General Education Social and Behavioral Sciences (GS)	3	Direct
65SOCA 105	American Ethnicity	3	SOC 119 (GS; US) Race and Ethnic Relations	Elective	3	Direct
SOCA 125	Sociology of Families	3	SOC 030 (GS)	Supporting Course in Major	3	Direct
SOCA 204	Social Problems	3	SOC 005 (GS)	Supporting Course in Major	3	Direct
See Recommended General Education Courses	Literature Elective	3	See Recommended GH Courses (ENGL)	Elective	3	Direct
	Free Elective	6	See Recommended GA, GN, GQ List	General Education Arts (GA), Natural Sciences GN) or Quantification (GQ)	6	Direct
Total NCC Credits					65	
				Total PSU Credits	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 course or by demonstrating proficiency equivalent to two units of high school world language study.

General Education Equivalencies

Northampton Community College			Penn State University, University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT or SUBSTITUTION
<i>RECOMMENDED General Education Arts elective courses</i>					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to the Visual Arts	Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	Direct
ARTA 162	Sculpture	3	ART 030	Introduction of Sculpture	Direct
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	Direct
<i>RECOMMENDED General Education Humanities elective courses</i>					
ENGL 203GG	Shakespeare	3	ENGL 129	Shakespeare	Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage I (IL)	Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	Direct
HIST 166	Civil War and Reconstruction	3	HIST 130	Introduction to the Civil War Era, 1848 through 1877 (US)	Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	Direct
HIST 173	Modern European History, 1815 to Present	3	HIST 002	The Western Heritage II (IL)	Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to Philosophy of Religion	Direct
PHIL 202	Ethics & Moral Problems	3	PHIL 003	Persons, Moral Values, & the Good Life	Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	Direct
<i>Recommend taking two General education Arts (GA) courses</i>					
<i>Recommend taking two General education Humanities (GH) courses</i>					

<i>RECOMMENDED General Education Mathematics elective courses</i>		<i>Recommend taking two General education Quantification (GO) courses</i>				
MATH 140	College Algebra	3	MATH 022	College Algebra II & Analytic Geometry	3	Direct
MATH 145	Trigonometry	3	MATH 026	Plane Trigonometry	3	Direct
MATH 160	Pre-Calculus	4	MATH 041	Trigonometry & Analytic Geometry	4	Direct
MATH 180	Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4	Direct
MATH 181	Calculus II	5	MATH 141	Calculus with Analytic Geometry II	5	Direct
MATH 210	Calculus III	5	MATH 230	Calculus & Vector Analysis	5	Direct
<i>RECOMMENDED General Education Science elective courses</i>		<i>Recommend taking three General education Natural Science (GN) courses</i>				
CHEM 120	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry II	3 1	Direct
CHEM 220	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	3 1	Direct
GEOG 140	Investigating Climate Change	3	METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3	Direct
GEOG 150	Astronomy	4	ASTRO 001 and ASTRO II	Astronomical Universe	4	Direct
GEOG 210	Meteorology	3	METEO 003	Introductory Meteorology	3	Direct
PHYS 101	Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHYS 151	Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHYS 215	Physics for Science & Engineering I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHYS 225	Physics for Science & Engineering II	4	PHYS 212	General Physics: Electricity & Magnetism	4	Direct

MATH 181 (Recommended)	Mathematics elective: Calculus II	4	MATH 141 (GQ)	Calculus with Analytic Geometry II (GQ)	4	Direct
See Recommended General Education Courses	Arts and Humanities Elective	6	See recommended GA or GH courses	General Education Arts or Humanities	6	Direct
	Social Science: Society and Institutions over Time Elective Or Social Science: Scientific Study of Human Behavior (SSHB).	8	See recommended GS courses	General Education Social and Behavioral Sciences	8	Direct
Total NCC Credits		63	Total PSU Credits		59	

**SCICC requires PSU MATH 140 and one from BIOL 110, CHEM 110 or PHYS 211/250 for entrance. NCC students will be admitted to PSU in pre-major status (UCSCN_PMAJ) to complete the remaining entrance courses. Students must complete at minimum MATH 22(NCC/MATH 140) to be admitted to Penn State in pre-major status.*

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.

General Education Equivalencies

Northampton Community College			PSU University College		
COURSE	TITLE	CREDITS	COURSE	TITLE	DIRECT or SUBSTITUTION
RECOMMENDED General Education Arts elective courses					
ARTA 100	Art & Visual Thinking	3	ART 001	Introduction to Visual Arts	3 Direct
ARTA 101	Art History Survey	3	ART H 100	Introduction to Art (IL)	3 Direct
ARTA 107	Drawing I	3	ART 020	Introduction to Drawing	3 Direct
ARTA 130	Introduction to Web Site Design	3	ART 101	Introduction to Web Design	3 Direct
ARTA 158	Painting I	3	ART 050	Introduction to Painting	3 Direct
ARTA 161	Ceramics	3	ART 080	Introduction to Ceramics	3 Direct
ARTA 162	Sculpture	3	ART 030	Introduction to Sculpture	3 Direct
CMTH 110	Introduction to Theatre	3	THEA 100	The Art of Theatre (US) (IL)	3 Substitution
ENGL 253	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3 Direct
MUSC 101	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3 Direct
MUSC 110	Fundamentals of Music I	3	MUSIC 008	Rudiments of Music	3 Direct
RECOMMENDED General Education Humanities elective courses					
ENGL 203GG	Shakespeare	3	ENGL 129	Shakespeare	3 Direct
ENGL 264	Irish Literature	3	ENGL 145	Modern Irish Literature (IL)	3 Direct
HIST 113	American History I	3	HIST 020	American Civilization to 1877 (US)	3 Direct
HIST 153	Foundations of Modern European History, 1300-1815	3	HIST 001	The Western Heritage 1 (IL)	3 Direct
HIST 163	American History II	3	HIST 021	American Civilization Since 1877 (US)	3 Direct
HIST 166	Civil War & Reconstruction	3	HIST 130	Intro to the Civil War Era, 1848-1877 (US)	3 Direct
HIST 167	Vietnam	3	HIST 173	Vietnam in War & Peace (IL)	3 Direct
HIST 168	History of the Middle East	3	HIST 181	Introduction to the Middle East (IL)	3 Direct
HIST 173	Modern European History, 1815-Present	3	HIST 002	The Western Heritage II (IL)	3 Direct
PHIL 121	World Religions	3	PHIL 124	Introduction to the Philosophy of Religion	3 Direct
PHIL 202	Ethics & Moral Problem	3	PHIL 003	Persons, Moral Values, & the Good Life	3 Direct
PHIL 204	Asian Philosophies	3	PHIL 007	Asian Philosophy (IL)	3 Direct
PHIL 211	Ancient Philosophy	3	PHIL 200	Ancient Philosophy	3 Direct
RECOMMENDED General Education Mathematics elective courses					
MATH 180	Calculus I (required)	4	MATH 140	Calculus with Analytic Geometry I	4 Direct
MATH 181	Calculus II(required)	4	MATH 141	Calculus with Analytic Geometry II	4 Direct
MATH 210	Calculus III	4	MATH 230	Calculus & Vector Analysis	4 Direct
RECOMMENDED General Education Science elective courses					
CHEM 120	General Chemistry I	4	CHEM 110	Chemical Principles I	3 Direct
CHEM 220	General Chemistry II	4	CHEM 111	Experimental Chemistry II	1 Direct
GEOG 140	Investigating Climate Change	3	CHEM 112	Chemical Principles II	3 Direct
GEOG 150	Astronomy	4	CHEM 113	Experimental Chemistry II	1 Direct
			METEO 002	Our Changing Atmosphere: Personal and Societal Consequences	3 Direct
			ASTRO 001and ASTRO 11	Astronomical Universe	4 Direct

