

Addendum B (1)
Program-to-Program Articulation
Harrisburg Area Community College Associate in Biology
Penn State Baccalaureate in Biology, General Option
Offered at Penn State York

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Biology, A.S</i>			<i>Biology, B.S. (BIOUC_BS)</i>			
			http://bulletins.psu.edu/undergrad/programs/baccalaureate/S/SC%20BS			
<i>REQUIREMENT</i>	<i>COURSE</i>	<i>CREDITS</i>	<i>REQUIREMENT</i>	<i>COURSE</i>	<i>CREDITS</i>	<i>DIRECT or SUBSTITUTION</i>
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for ENGL 202C (GWS)	3	S
Effective Speaking	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	See General Education Arts(GA) courses on General Education Appendix	3	General Education Arts (GA)	See GA on General Education Appendix	3	D
Core B	See General Education Humanities (GH) or Social and Behavioral Science (GS) courses on General Education Appendix	6	General Education Humanities (GH) or Social and Behavioral Science (GS) courses	See GH or GS courses on General Education Appendix	6	D
Core C – BIOL	BIOL 101	4	Required Course in Major and General Education Natural Science (GN)	*BIOL 110 (GN)	4	D
Core C – CHEM	CHEM 101	4	Required Courses in Major and General Education Natural Science (GN)	*CHEM 110 (GQ) and CHEM 111 (GQ)	4	D
Core C – MATH	MATH 121	4	Required Course in Major and General Education Quantification (GQ)	*MATH 140 (GQ)	4	D
Core C- MATH	MATH 122	4	Required Course in Major and General Education Quantification (GQ)	MATH 141 (GQ)	4	D

Major Requirement	BIOL 102	4	Additional Course in Major	*BIOL XFRGEN for BIOL 240W	4	S
Major Requirement	CHEM 102	4	Required Course in Major and General Education Natural Sciences (GN)	CHEM 112 (GN); CHEM 113 (GN)	4	D
Major Requirement	CHEM 203	4	Required Course in Major	CHEM 210 (3) + CHEM XFRGEN (1)	4	D S
Major Requirement	CHEM 204	4	Required Course in Major	CHEM 212 CHEM XFRGEN for CHEM 213	3 1	D S
BIOL Elective	BIOL 206 BIOL 250 BIOL 212 BIOL 215	8-12	Supporting Courses in Major	BIOL XFR200 BIOL XFRGEN BIOL 127 and BIOL XFRGEN BIOL 222 and BIOL XFRGN2	4 4 3+1 3+1	S S S S
General Education Transfer Elective	PHYS 201	4	Required Course in Major	PHYS 250 (GN)	4	D
Transfer Elective	PHYS 202	4	Required Course in Major	PHYS 251 (GN)	4	D
PE & Wellness	PE 201 or HLTH 101 (recommended) (PSU requires 3 GHA credits)	3	General Education Health and Activity (GHA)	KINES XFRGHA (GHA)	3	D
	Total HACC Credits	69 - 73		Total PSU Credits	69-73	

**Entrance-to-Major requirements include a grade-point average of at least 2.0, a grade of C or higher in MATH 140 (HACC: MATH 121), BIOL 110(HACC: BIOL 101) and CHEM 110 (HACC: CHEM 101) and one from the following two courses: BIOL 220W, 230W or 240W (HACC BIOL 102). Students who transfer without these requirements can begin in pre-major status, if they have completed at minimum of Math 104 at HACC (PSU: MATH 26).*

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (2)
Program-to-Program Articulation

Harrisburg Area Community College Associate in Business Administration
Penn State Baccalaureate in Business
Offered at Penn State Mont Alto and York

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Business Administration, A. S.</i>			<i>Business, B.S. (BSBUC_BS)</i>			
			http://bulletins.psu.edu/undergrad/programs/baccalaureate/B/BSB			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
Written Business Communication	ENGL 106	3	General Education Writing and Speaking (GWS)	ENGL 202D (GWS)	3	D
Effective Speaking	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111 (GA;IL), ART H 112 (GA;IL), MUSIC 9 (GA) THEA 100 (GA)	3	D
Core B	ECON 201	3	Required Course in Major and General Education Social and Behavioral Sciences (GS)	ECON 104 (GS)	3	D
Core B	ECON 202	3	Required Course in Major and General Education Social and Behavioral Sciences (GS)	ECON 102 (GS)	3	D
Core C	*MATH 110	4	Additional Course in Major and General Education Quantification (GQ)	*MATH 110 (GQ)	4	D
Core C	MATH 202	4	Required Course in Major and General Education Quantification (GQ)	STAT 200 (GQ)	4	D
Core C (Science)	Select from General Education Natural Science (GN) on General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses General Education Appendix	3	D
Major Requirement	ACCT 101 & 200	8	Required Course in Major and Elective	ACCTG 211 (4) + ACCTG XFRGEN (4)	4	D

Major Requirement	BUSI 209	3	Required Course in Major	BLAW 243 for BA 243	3	S
Major Requirement	CIS 105	3	Required Course in Major	MIS 103 (substitute with CIS 110 for MIS 204)	3	S
Major Requirement	MGMT 201	3	Required Course in Major	MGMT 301	3	D
Major Requirement	MKTG 201	3	Required Course in Major	MKTG 301	3	D
Physical Education and Wellness	Recommended: HLTH 101 or PE 201(PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
Transfer Elective	CIS 110	3	Required Course in Major/Elective	CMPSC XFR100 (substitute with CIS 105 for MIS 204)	3	S
Transfer Elective	Select General Education Natural Science (GN) from General Education Appendix	3	General Education Natural Sciences (GN)	GN from General Education Appendix	3	D
Transfer Elective	Select General Education Arts (GA) from General Education Appendix	3	General Education Arts (GA)	GA from General Education Appendix	3	D
Transfer Elective	Select General Education Humanities from General Education Appendix	3	General Education Humanities (GH)	GH from General Education Appendix	3	D
	Total HACC Credits	64		Total PSU Credits	64	

**Completion of Math 110 at HACC will meet entrance to major requirements for the BS in Business at PSU. Students are advised to complete Math 110 at HACC prior to transferring to 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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (3)
Program-to-Program Articulation

Harrisburg Area Community College Associate in Communications
Penn State Baccalaureate in Communication Arts and Sciences
Offered at Penn State York

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Communications (A.S.)</i>			<i>Communications B.A.(CASUC_BA)</i>			
			http://bulletins.psu.edu/undergrad/campuses/details/19/CAS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102, 104 or 106	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for 202B, ENGL 202C or ENGL 202D (GWS)	3	S/D
Effective Speech	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100A (GWS)	3	D
Core A -Introduction to Literature	ENGL 207	3	General Education Humanities (GH)	ENGL 1 (GH)	3	D
Core A Elective	Any GA	3	General Education Arts (GA)	General Education Appendix	3	D
Core B Electives	(recommendations) ECON 201 GP 201 or 202 PSYC 101 SOCI 201	6	General Education Social and Behavioral Sciences (GS)	ECON 104 (GS) PLSC 1(GS) or PLSC XFRGS1 PSYCH 100 (GS) SOC 1 (GS)	6	D D D D
Core C	MATH 202	4	General Education Quantification (GQ)	STAT 200 (GQ)	4	D
Core C Elective (Math)	MATH 103 or MATH 111	3	General Education Quantification (GQ)	MATH 21 (GQ) MATH XFRGQ1	3	D
Core C Elective (Science)	BIOL 103, 108, or 111	3	General Education Natural Science (GN)	BI SC 3, BIOL 11 or BIOL XFRGN0	3	D
GE Transfer Elective	WEB 130	3	General Education Arts (GA)	ART 101 (GA)	3	D
Science with Lab	See General Education Natural Science courses on General Education Appendix	3	General Education Natural Science (GN)	See GN courses General Education Appendix	3	D

PE & Wellness	Recommended: HLTH 101 or PE 201(PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
Major Requirement	COMM 110	3	Bachelor of Arts Domain Course	COMM XFRGS1	3	S
Major Requirement	COMM 120	3	Bachelor of Arts Domain Course	COMM XFRGS1	3	S
Major Requirement	COMM 201	3	Required Course in Major	CAS 202	3	D
Major Requirement	COMM 290	1	Elective	Not Transferable		
Program Specific Electives by Option	<u>Human Communication:</u> COMM 202 (3) COMM 203 (3) COMM 251 (3) COMM 253 (3) Program Specific Elective COMM 252 (3) (recommended)	14	Elective Additional Course in Major Elective Additional Course in Major Supporting Course in Major	CAS 352 CAS 203 CAS 250 CAS 271 (US;IL) CAS 252	14	D D D D D
	<u>Public Relations:</u> COMM 211 (3) COMM 221 (3) COMM 261 (3) Electives (5) COMM 252(3) or Foreign Language recommended FRCH, GER, SPAN 1,2,3		Elective Elective Elective Additional Course in Major Bachelor of Arts Foreign Language Requirement	COMM XFRGEN COMM 230W COMM XFR200 CAS 252(3) Foreign Language FR, GER, SPAN (12 th credit level (003) required)		D D D D D
	<u>Journalism Option:</u> COMM 221 (3) COMM 222 (3) Electives (8) Foreign Language recommended FRCH, GER, SPAN 1,2,3		Elective Required Course in Major Bachelor of Arts Foreign Language Requirement	COMM 230W COMM 260W Foreign Language FR, GER, SPAN (12 th credit level (003) required)		D D D/S
	Total HACC Credits	64		Total PSU Credits	63	

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

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (4)
Program-to-Program Articulation**

**Harrisburg Area Community College Associate in Humanities, Languages & Arts
Penn State Baccalaureate in English
Offered at Penn State York**

<i>Harrisburg Area Community College</i> <i>Humanities, Languages & Arts</i>			<i>PSU University College</i> <i>English, B.A. (ENGUC_BA)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/E/ENGL			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for ENGL 202B (GWS)	3	S
Effective Speech	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100A (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111(GA;IL), ART H 112(GA;IL), MUSIC 9 (GA), THEA 100 (GA)	3	D
Core B	SOCI 201	3	General Education Social and Behavioral Sciences (GS)	SOC 1 (GS)	3	D
Core B	Select from General Education Quantification (GH) Courses in General Education Appendix.	3	General Education Humanities (GH)	See GH on General Education Appendix	3	D
Core C (MATH)	Select from General Education Quantification (GQ) Courses in General Education Appendix	3 or 4	General Education Quantification (GQ)	See GQ on General Education Appendix	3 or 4	D
Core C (SCIENCE)	Select from General Education Natural Sciences (GN) from General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses on General Education Appendix	3	D

Core C	Select from General Education Natural Sciences (GN) from General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses on General Education Appendix	3	D
General Education Elective	Recommended: P E 201 or HLTH 101 (PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
World Cultures Elective	Select from: ANTH 205, ART 181; COMM 253, GEOG 201, GEOG 230, HIST 101, HIST 102, MUS 104, PHIL 200.	3	General Education GA, GH, GS as indicated.	ANTH 045 (GS;IL;US); ARTH 111 (GA;IL); CAS 271(US;IL); GEOG 40 (GS;IL); GEOG 20(GS;US;IL); HIST 10 (GH;IL); HIST 11(GH;IL); MUSIC 9 (GA) or RL ST 1 (GH;US:IL)	3	D
Major Requirement History	HIST 101, 102, 201 or 202	3	General Education Humanities (GH)	HIST 10 (GH;IL), 11(GH;IL), 20(GH;US), or 21(GH;US)	3	D
Major Requirement Computer Elective	CIS 105	3	Elective	MIS 103	3	D
Major Requirement General Transfer Elective	Select from General Education Natural Sciences (GN) on General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses on General Education Appendix	3	D
Major Requirement General Transfer Elective	Select from General Education Quantification (GQ) on General Education Appendix	3	General Education Quantification (GQ)	See GQ courses on General Education Appendix	3	D/S
Major Requirement English Literature	Recommended: ENGL 201 or 202 ENGL 203 or 204 ENGL 205 or 206 ENGL 207	3	Supporting Course in Major	ENGL 221 or 222 for Major Eng. Writers I/II ENGL XFRGEN or XFRGH2 for Major American Writers I/II TRN XFRGH or CMLIT XFRGH1 for World ENGL 001 for Literature I/II Introduction to Literature	3	S

Major Requirement Humanities Transfer Electives	Recommended list: ENGL 107 ENGL 217 ENGL 246 ENGL 279	12	General Education Arts (GA) Bachelor of Arts Requirement Bachelor of Arts Requirement Bachelor of Arts Requirement	ENGL 50 (GA) ENGL 139 (GH) ENGL 129 (GH) ENGL XFRGH2	12	D D D S
	Total HACC Credits	60-61		Total PSU Credits	60-61	

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (5)
Program-to-Program Articulation**

**Harrisburg Area Community College Associate in Health Care Management
Penn State Baccalaureate in Health Policy and Administration
Offered at Penn State Mont Alto**

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Health Care Management, A.A.</i>			<i>Health Policy and Administration (HPAUC_BS)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/H/H%20P%20A			
<i>REQUIREMENT</i>	<i>COURSE</i>	<i>CREDITS</i>	<i>REQUIREMENT</i>	<i>COURSE</i>	<i>CREDITS</i>	<i>DIRECT or SUBSTITUTION</i>
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102 or ENGL 106	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for ENGL 202A or ENGL 202D (GWS)	3	S D
Effective Speaking	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111 (GA;IL), ART H 112 (GA;IL) , MUSIC 9 (GA), THEA 100 (GA)	3	D
Core B	ECON 202 (recommended)	3	Required Course in Major and General Education Social and Behavioral Sciences (GS)	ECON 102 (GS)	3	D
Core C	Natural Science recommended. Select from General Education GN appendix.	3	General Education Natural Science (GN)	Per choice on GN appendix	3	D
Major Requirement	ACCT 101 & 200	8	Required Course in Major	ACCTG 211 (3) for HPA 211 and ACCTG 211 (1) to Electives.	3 1	S S
Major Requirement	AH 210	3	Supporting Major Course	HPA XFRGEN	3	S

Major Requirement	AH 213	3	Prescribed Major Course	HPA 210	3	D
Major Requirement	BIOL 105	3	Elective	KINES 203	3	D
Major Requirement	BIOL 111 or BIOL 121	3	General Education Natural Science (GN)	BIOL XFRGN0 or BIOL XFRGEN	3	D
Major Requirement	BUSI 101	3	Supporting Course in Major	B A 100 GS	3	D
Major Requirement	CIS 105	3	Elective	MIS 103	3	D
Free Elective	GP 201 (recommended)	3	Required Course in Major and General Education Social and Behavioral Sciences (GS)	PLSC 1	3	D
Major Requirement	MATH 202 (recommended)	4	Required Course in Major and General Education Quantification (GQ)	STAT 200	4	D
Major Requirement	MGMT 130	3	Supporting Course in Major	HPA XFR100	3	S
Major Requirement	MGMT 201	3	Supporting Course in Major	MGMT 301	3	D
Major Requirement	MGMT 203	3	Supporting Course in Major	MGMT 341	3	D
Major Requirement	MKTG 201	3	Supporting Course in Major	MKTG 301	3	D
PE & Wellness	Recommended PE 201 or HLTH 101 (PSU requires 3 credits of GHA)	3	General Education Health and Activity (GHA)	KINES XFRGHA (GHA)	3	D
	Total HACC Credits	66		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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (6)
Program-to-Program Articulation

Harrisburg Area Community College Associate in Social Science
Penn State Baccalaureate in Human Development and Family Studies
Offered at Penn State Mont Alto and York

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Social Science</i>			<i>Human Development and Family Studies, B.S. (HFSUC_BS)</i>			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102 only	3	General Education Writing and Speaking (GWS)	ENGL 202B (GWS)	3	D
Effective Speech	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111(GA;IL) , ART H 112 9(GA;IL), MUSIC 9(GA), THEA 100 (GA)	3	D
Core B	PSYC 101	3	General Education Social Sciences (GS)	PSYCH 100 (GS)	3	D
Core B	SOCI 201 or 202	3	General Education Social Sciences (GS)	SOC 1 or 5 (GA)	3	D
Core C (Math)	Recommended: MATH 103, 104, 110, 119, 121, 122, 220	3 or 4	General Education Quantification (GQ)	MATH 21, 26, 110, 41, 140, 141, 220 (GQ)	3 or 4	D
Core C (Science)	BIOL 101 or 111	3	General Education Natural Sciences (GN)	BIOL 101 or BIOL XFRGN0	3	D
Core C (Science)	ASTR 104, BIOL 103, CHEM 101, GEOL 102, METR 101, PHYS 201, 211	3 or 4	General Education Natural Sciences (GN)	ASTRO 292, BI SC 3, CHEM 110 and 111, GEOSC 2(3) and GEOSC XFRGEN(1), METEO 3, PHYS 250, 211 (GN)	3 or 4	D
Computer Elective	CIS	3	Elective		3	D
General Education Elective	P E 201or HLTH 101(PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
Social Science Elective	PSYC 212	3	Additional Course in Major	HDFS 229 (GS)	3	D
Social Science Elective	PSYC 209	3	Required Course in Major	HDFS 129 (GS)	3	D
Social Science Elective	PSYC 211	3	Additional Course in Major	HDFS 239 (GS)	3	D

Social Science Elective	From List	3	Elective		3	D
Social Science Elective	From List	3	Elective		3	D
Philosophy Elective	PHIL 101, 102, 215, 225, 200	3	General Education Humanities (GH)	PHIL 1, 10, 110, 3, RL ST 1 (GH)	3	D
English Lit. Elective	ENGL 205, 206, 207, 246, 278, 279	3	General Education Humanities (GH)	TRN XFRGH, CMLIT XFRGH1, ENGL 1, 129, 184, ENGL XFRGH2	3	D
Transfer Elective	MATH 202	4	Required Course in Major and General Education Quantification (GQ)	STAT 200 (GQ)	4	D
Transfer Elective	Select General Education Natural Science (GN) or Arts (GA) from General Education Appendix	3	General Education Natural Sciences (GN)	See GN on General Education Appendix	3	D
	Total HACC Credits	61-63		Total PSU Credits	61-63	

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

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (7)
Program-to-Program Articulation**

**Harrisburg Area Community College Associate in General Studies
Penn State Baccalaureate in Information Sciences and Technology
Offered at Penn State Mont Alto and York**

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>General Studies</i>			<i>Information Sciences and Technology B.S. (ISSUC_BS)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/IST			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 015 (GWS)	3	D
English Composition II	ENGL 102, 104 or 106	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for 202B, ENGL 202C or ENGL 202D (GWS)	3	S/D/D
Effective Speech	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100A (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111(GA;IL) , ART H 112 9(GA;IL), MUSIC Gen (GA), THEA 100 (GA)	3	D
Core A	Select General Education Arts (GA) from Addendum A	3	General Education Arts (GA)	See GA on General Education Appendix	3	D/S
Core B	ECON 201	3	Required Course and General Education Social Sciences (GS)	ECON 104 (GS)	3	D
Core B	ECON 202	3	General Education Social Sciences (GS)	ECON 102 (GS)	3	D

Core C	MATH 110	4	General Education Quantification (GQ)	*MATH 110 (GQ)	4	D
Core C	MATH 202	4	General Education Quantification (GQ)	STAT 200 (GQ)	4	D
Major Requirement	*CIS 105 and	3	Required Course in Major	MIS 103 (3) and CMPSC XFR100 will be substituted for *IST 110	3	S
Elective	*CIS 110	3				
Electives	*CIS 140 and CIS 240	3	Required Course in Major	CMPSC XFR200 and MIS XFR200 will be substituted for *IST 210	4	S
		3				
		3				
Elective	*CPS 135 or 161	3	Required Course in Major	CMPSC 121 (GQ)	3	D
	WEB 125 or 143	3	Supporting Course in Option	CMPSC XFR100 or IST XFRGEN	3	S
	CIS 227 or 224	3	Supporting Course in Option	CMPSC XFR100 or CMPSC XFR200	3	S
Elective	**SPAN, FRCH, GER 101	4	Bachelor of Arts Foreign Language Requirement	SPAN 1, FR XFR000, GER 1	4	D/S/D
Elective	**SPAN, FRCH, GER 102	4	Bachelor of Arts Foreign Language Requirement	SPAN 2, FR XFR GEN, GER 2	4	D/S/D
Elective	**SPAN, FRCH, GER 201	4	Bachelor of Arts Foreign Language Requirement	SPAN 3, FR 3, GER 3	4	D/S/D
PE and Wellness	HLTH 101 or PE 201(PSU requires 3 GHA credits)	3	General Education Health and Activity (GHA)	KINES XFRGHA	3	S/D/S
Total Credits		68			68	

**IST 110, 210 and 220 required for entrance to ISSUC at Penn State. HACC students will be admitted to pre-major until IST 220 is completed at PSU Students must also complete high school TRIG or Math 104 or higher at HACC. IST disciplinary courses taken at PSU or transferred from HACC have a 10-year limit.*

***** Students are encouraged to complete Foreign Language requirements at HACC. PSU Mont Alto offers Spanish and PSU York offers French, Italian and Spanish.***

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (8)
Program-to-Program Articulation**

**Harrisburg Area Community College Associate in General Studies
Penn State Baccalaureate in Letters Arts and Sciences
Offered at Penn State Mont Alto**

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>General Studies A.S.</i>			<i>*Letters Arts and Sciences, B.A.(LASUC_BA)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/L/LAS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
Required Course	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
Required Course	ENGL 104 or 106	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for 202B, ENGL 202C or ENGL 202D (GWS)	3	S/D/D
Required Course	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	Any two: ART 181, 182, MUS 104, THTR101	6	General Education Arts (GA)	ART H 111 (GA;IL), ART H 112 (GA;IL), MUSIC 9 (GA), THEA 100 (GA)	6	D
Core B	Select from General Education Social Science (GS) on General Education Appendix	3	General Education Social and Behavioral Sciences (GS)	See GS on General Education Appendix	3	D
Core B	Select from General Education Social Science (GS) on General Education Appendix	3	General Education Social and Behavioral Sciences (GS)	See GS on General Education Appendix	3	D
Core C	MATH 103	3	General Education Quantification (GQ)	MATH 21 (GQ)	3	D
Core C	Select from General Education Quantification (GQ) from General Education Appendix	3 or 4	General Education Quantification (GQ)	See GQ on General Education Appendix	3 or 4	D

Major Requirement Computer Elective	CIS 110, 140, 222,223,224,227, 240 recommended	3	Elective	CMPSC XFR100, CMPSC XFR200, CMPSC XFR100, IST XFRGEN, CMPSC XFR200, CMPSC XFR100, MIS XFR200	3	D
Transfer Electives	Select from General Education Natural Science (GN) on General Education Appendix	9	General Education Natural Sciences (GN)	See GN on General Education Appendix	9	D
Transfer Elective	Select from General Education Humanities (GH) on General Education Appendix	6	General Education Humanities (GH)	See GH on General Education Appendix	6	D
PE & Wellness	PE 201 or HLTH 101 (PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
Elective	**SPAN, FRCH, GER 101	4	Bachelor of Arts Foreign Language Requirement	SPAN 1, FR XFR000, GER 1	4	D/S/D
Elective	**SPAN, FRCH, GER 102	4	Bachelor of Arts Foreign Language Requirement	SPAN 2, FR XFR GEN, GER 2	4	D/S/D
Elective	**SPAN, FRCH, GER 201	4	Bachelor of Arts Foreign Language Requirement	SPAN 3, FR 3, GER 3	4	D/S/D
	Total HACC Credits	60-61		Total PSU Credits	60-61	

**In order to be eligible for entrance to the major, the student must submit a proposal. In consultation with an LAS adviser, the student formulates a proposal designing a program that investigates a theme from the viewpoint of at least three different subject areas. Students may not duplicate existing majors from any academic area. An important standard for entrance to the Letters, Arts, and Sciences major is the student's ability to design a program with academic integrity worthy of a Bachelor of Arts degree.*

***** Students are encouraged to complete Foreign Language requirements at HACC. PSU Mont Alto offers Spanish and PSU York offers French, Italian and Spanish.*

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (9)
Program-to-Program Articulation

Harrisburg Area Community College Associate in Humanities, Languages & Arts
Penn State Baccalaureate in Letters Arts and Sciences
Offered at Penn State Mont Alto

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Humanities, Languages & Arts</i>			<i>*Letters, Arts and Sciences (LASUC_BA)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/L/LAS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for 202B (GWS)	3	S
Effective Speech	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100A (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111(GA;IL), ART H 112(GA;IL), MUSIC 9 (GA), THEA 100 (GA)	3	D/D/S/D
Core B	SOCI 201	3	General Education Social and Behavioral Sciences (GS)	SOC 1 (GS)	3	D
Core B	Select from General Education Quantification (GH) Courses in General Education Appendix.	3	General Education Humanities (GH)	See GH on General Education Appendix	3	D
Core C (MATH)	Select from General Education Quantification (GQ) Courses in General Education Appendix	3 or 4	General Education Quantification (GQ)	See GQ on General Education Appendix	3 or 4	D

Core C (SCIENCE)	Select from General Education Natural Sciences (GN) from General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses on General Education Appendix	3	D
Core C	Select from General Education Natural Sciences (GN) from General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses on General Education Appendix	3	D
General Education Elective	P E 201 or HLTH 101 (PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
World Cultures Elective	Select from: ANTH 205, ART 181; COMM 253, GEOG 201, GEOG 230, HIST 101, HIST 102, MUS 104, PHIL 200.	3	General Education GA, GH, GS as indicated.	ANTH 045 (GS;IL;US); ARTH 111 (GA;IL); CAS 271(US;IL); GEOG 40 (GS;IL); GEOG 20(GS;US;IL); HIST 10 (GH;IL); HIST 11(GH;IL); MUSIC 9 (GA) or RL ST 1 (GH;US:IL)	3	D
Major Requirement History	HIST 101, 102, 201 or 202	3	General Education Humanities (GH)	HIST 10 (GH;IL), 11(GH;IL), 1(GH;US), or 2(GH;US)	3	D
Major Requirement Computer Elective	CIS 105	3	Elective	MIS 103	3	D
Major Requirement General Transfer Elective	Select from General Education Natural Sciences (GN) on General Education Appendix	3	General Education Natural Sciences (GN)	See GN courses on General Education Appendix	3	D
Major Requirement General Transfer Elective	Select from General Education Quantification (GQ) on General Education Appendix	3	General Education Quantification (GQ)	See GQ courses on General Education Appendix	3	D/S

Major Requirement English Literature	Recommended ENGL 201 or 202 ENGL 203 or 204 ENGL 205 or 206 ENGL 207	3	Bachelor of Arts Knowledge Domain Course	ENGL 221 or 222 ENGL XFRGEN or XFRGH2 TRN XFRGH or CMLIT XFRGH1 ENGL 001	3	D
Major Requirement Humanities Transfer Electives	SPAN, FRCH, GER 101	4	Bachelor of Arts Foreign Language Requirement	SPAN 1, FR XFR000, GER 1	4	D/S/D
	SPAN, FRCH, GER 102	4	Bachelor of Arts Foreign Language Requirement	SPAN 2, FR XFRPGEN, GER 2	4	D/S/D
	SPAN, FRCH, GER 201	4	Bachelor of Arts Foreign Language Requirement	SPAN 3, FR 3, GER 3	4	D/S/D
	Total HACC Credits	60-61		Total PSU Credits	60-61	

**In order to be eligible for entrance to the major, the student must submit a proposal. In consultation with an LAS adviser, the student formulates a proposal designing a program that investigates a theme from the viewpoint of at least three different subject areas. Students may not duplicate existing majors from any academic area. An important standard for entrance to the Letters, Arts, and Sciences major is the student's ability to design a program with academic integrity worthy of a Bachelor of Arts degree.*

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (10)
Program-to-Program Articulation**

**Harrisburg Area Community College Associate in Psychology Transfer
Penn State Baccalaureate in Psychology
Offered at Penn State York**

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Psychology Transfer</i>			<i>Psychology (PYSUC_BS or PYAUC_UC)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBS http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBA			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102	3	Elective	ENGL XFRGEN	3	S
Effective Speech	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	Any one: ART 181, 182, MUS 104, THTR101	3	General Education Arts (GA)	ART H 111(GA;IL) , ART H 112 9(GA;IL), MUSIC 9(GA), THEA 100 (GA)	3	D
Core B	PSYC 101	3	General Education Social Sciences (GS)	PSYCH 100 (GS)	3	D
Core B	SOCI 201 or 202	3	General Education Social Sciences (GS)	SOC 1 or 5 (GA)	3	D
Core C (Math)	Recommended: MATH 103, 104, 110, 119, 121, 122, 220	3 or 4	General Education Quantification (GQ)	MATH 21, 26, 110, 41, 140, 141, 220 (GQ)	3 or 4	D
Core C (Math or Science)	Select a General Education Math (GQ) or Science (GN) from General Education Appendix.	3 or 4	BA Program: Bachelor of Arts Requirement or BS Program: Supporting Course	See GN or GQ on General Education Appendix	3 or 4	D

Core C (Science)	ASTR 104, BIOL 103, CHEM 101, GEOL 102, METR 101, PHYS 201, 211	3 or 4	General Education Natural Sciences (GN)	ASTRO 292, BI SC 3, CHEM 110 and CHEM 111, GEOSC 2 and GEOSC XFRGEN, METEO 3, PHYS 250, 211 (GN)	3 or 4	D
Physical Education and Wellness	P E 201or HLTH 101(PSU requires 3 GHA credits)	3	General Education Health and Physical Activity (GHA)	KINES XFRGHA (GHA)	3	D
Major Requirement	PSYC 241`	4	Required Course in Major and General Education Quantification (GQ)	PSYCH XFRGQ2 for PSYCH 200	4	S
Major Requirement	PSYC 242	4	Major Prescribed Course	PSYCH XFR300 substituted for PSYCH 301W	4	D
Major Computer Elective	CIS 105	3	Elective	MIS 103	3	D
Major Requirement Philosophy	PHIL 101, 102, 215, 225, 200	3	General Education Humanities (GH) or	PHIL 1, 10, 110, 3, RL ST 1 (GH)	3-4	D
Major Requirement Biology	BIOL 101 or 111	3-4	General Education Natural Sciences (GN)	BIOL 110 (4) or BIOL XFRGN0(3)	3-4	D/S
Select 6 credits from two of the following categories:		6			6	D
Human Development	PSYC 209, 211 or 212 (recommended)		Supporting Course in Major (PSYC 209 and 211); Additional Course in Major or (PSYC 212 = Developmental Category)	HDFS 129, HDFS 239, or HDFS 229		
Individual Processes	PSYC 213 or 221		Additional Courses in Major (PSYC 270 = Applied and Clinical Psychology Category and PSYCH 221 = Social and Personality Category)	PSYCH 270, 221		
Biological Basis of Behavior & Mental Process	PSYC 226		PSYCH 260 = Biological Basis of Behavior	PSYCH 260		

General Education Transfer Elective	Select a course from each of the following -General Education Arts (GA), Humanities (GH), and Natural Science (GN) courses from General Education Appendix	9	General Education Arts (GA), Humanities (GH) and Natural Sciences (GN)	See GA, GH and GN on General Education Appendix	9	D
	Total HACC Credits	62-65		Total PSU Credits	62-65	

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 B (11)
Program-to-Program Articulation

Harrisburg Area Community College Associate in Biology
Penn State Baccalaureate in Science
Offered at Penn State York

<i>Harrisburg Area Community College</i>			<i>PSU University College</i>			
<i>Biology, A.S</i>			<i>Science, B.S. Life Science Option (SCIUC_BS_LIFE)</i> http://bulletins.psu.edu/undergrad/programs/baccalaureate/S/SC%20BS			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
English Composition I	ENGL 101	3	General Education Writing and Speaking (GWS)	ENGL 15 (GWS)	3	D
English Composition II	ENGL 102	3	General Education Writing and Speaking (GWS)	ENGL XFRGEN for 202B, ENGL 202C or ENGL 202D (GWS)	3	S/D/D
Effective Speaking	COMM 101	3	General Education Writing and Speaking (GWS)	CAS 100 (GWS)	3	D
Core A	See General Education Arts(GA), Humanities (GH) or Social and Behavioral Science (GS) courses General Education Appendix	3	General Education Arts (GA), Humanities (GH) or Social and Behavioral Science (GS) courses	See GA, GH or GS courses on General Education Appendix	3	D
Core B	See General Education Arts(GA), Humanities (GH) or Social and Behavioral Science (GS) courses General Education Appendix	6	General Education Arts (GA), Humanities (GH) or Social and Behavioral Science (GS) courses	See GA, GH or GS courses on General Education Appendix	6	D
Core C – BIOL	BIOL 101	4	Required Course in Major and General Education Natural Science (GN)	*BIOL 110 (GN)	4	D
Core C – CHEM	CHEM 101	4	Required Courses in Major General Education Natural Science (GN)	*CHEM 110 (GQ) and CHEM 111 (GQ)	3+1	D
Core C – MATH	MATH 121	4	Required Course in Major and General Education Quantification (GQ)	*MATH 140 (GQ)	4	D
Core C- MATH	MATH 122	4	Required Course in Major and General Education Quantification (GQ)	MATH 141 (GQ)	4	D

Major Requirement	BIOL 102	4	Additional Course in Major	BIOL XFRGEN for BIOL 240W	4	S
Major Requirement	CHEM 102	4	Required Course in Major and General Education Natural Sciences (GN)	CHEM 112 (GN); CHEM 113 (GN)	3+1	D
Major Requirement	CHEM 203	4	Required Course in Major	CHEM 210 + CHEM XFRGEN	3 1	D S
Major Requirement	CHEM 204	4	Required Course in Major	CHEM 212 + CHEM XFRGEN for CHEM 213	3 1	D
BIOL Elective	BIOL 206 BIOL 250 BIOL 212 BIOL 215	8-12	Supporting Courses in Major	BIOL XFR200 BIOL XFRGEN BIOL 127 and BIOL XFRGEN BIOL 222 and BIOL XFRGN2	4 4 3+1 3+1	S S S S
General Education Transfer Elective	PHYS 201	4	Required Course in Major	*PHYS 250 (GN)	4	D
Transfer Elective	PHYS 202	4	Required Course in Major	PHYS 251 (GN)	4	D
PE & Wellness	Recommended: PE 201 or HLTH 101 (PSU requires 3 GHA credits)	3	General Education Health and Activity (GHA)	KINES XFRGHA (GHA)	3	D
	Total HACC Credits	69-73		Total PSU Credits	69-73	

**Entrance-to-Major requirements include a grade-point average of at least 2.0, a grade of C or higher in Math 140(HACC: MATH 121), and two of the following three courses: BIOL 110 (HACC: BIOL 101), CHEM 110 (HACC: CHEM 101), PHYS 250(HACC: PHYS 201). Student without these courses can be admitted to pre-major if they have completed at minimum HACC MATH 104 (PSU MATH 26).*

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.

Two units in a single world language other than English are required. However, 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 the student graduates from Penn State. 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 Appendix

The general education equivalencies listed below have been evaluated and are documented in Penn State’s articulation records. Additional courses from Harrisburg Area Community College may meet general education requirements at Penn State pending submission of syllabi by the admitted student and review through the Penn State Undergraduate Admissions Office.

General Education Arts (GA)

HACC Course	Credits	Title	PSU Course	Credits	Title	Cultures Designation	Direct or Substitution
ART 105	3	Fundamentals of 2-Dimension Design	ART 110S	3	Ideas as Visual Images		D
ART 106	3	Printmaking	ART 40	3	Introduction to Printmaking		D
ART 107	3	Fundamentals of Three-Dimensional Design	ART H 111	3	Introduction to Visual Studies		D
ART 121	3	Drawing I	ART 20	3	Introduction to Drawing		D
ART 131	3	Painting I	ART 50	3	Introduction to Painting		D
ART 151	3	Ceramics I	ART 80	3	Introduction to Ceramics		D
ART 161	3	Sculpture I	ART 230	3	Beginning Sculpture		D
ART 171	3	Jewelry and Metal Design I	ART 17	3	Introduction to Metal Arts		D
ART 181	3	Art Through the Ages I	ART H 111	3	Ancient to Medieval Art	IL	D
ART 182	3	Art through the Ages II	ART H 112	3	Renaissance to Modern Art	IL	D
ART 183	3	Modern Art	ART XFRGA3	3	300-level Art GA		D
ART 184	3	The Art of the Cinema	COMM 150	3	The Art of the Cinema		D
ENGL 107	3	Creative Writing I	ENGL 50	3	Introduction to Creative Writing		D
HUM 101	3	Intro to Humanities	INART 1	3	The Arts		D
HUM 114	3	Chinese Arts and Culture	CHNS 120	3	Introduction to Chinese Literature and Culture	IL	D

HUM 229	3	Italian Art, Architecture and History	ARTH XFRGEN	3	General ART H		S
MUS 102	3	Introduction to Music	MUSIC 5	3	An Introduction to Western Music		D
MUS 104	3	Introduction to World Music	MUSIC 9	3	Introduction to World Music	IL	S
MUS 111	1	Choir I	MUSIC 88	1	Campus Choir		D
MUS 112	1	Choir II	MUSIC 88	1	Campus Choir		D
MUS 115	1	Private Piano Lessons I	MUSIC XFRGEN	1	General Music		S
MUS 116	1	Private Piano Lessons I	MUSIC XFRGEN	1	General Music		S
MUS 119	3	Introduction to Music Theory	MUSIC 8	3	Rudiments of Music		D
MUS 211	1	Choir III	MUSIC 88	1	Campus Choir		D
MUS 212	1	Choir IV	MUSIC 88	1	Campus Choir		D
MUS 215	1	Private Piano Lessons III	MUSIC XFRGEN	1	General Music		S
MUS 216	1	Private Piano Lessons IV	MUSIC XFRGEN	1	General Music		S
THTR 101	3	Introduction to Theatre	THEA 100	3	The Art of the Theatre	IL/US	D
THTR 110	3	Acting I	THEA 102	3	Fundamentals of Acting		D
WEB 102	3	Internet and WEB Design	ART 2	3	Interactive Learning and Web-Design		D

General Education Humanities GH

HACC Course	Credits	Title	PSU Course	Credits	Title	Cultures Designation	Direct or Substitution
ENGL 201	3	Major English Writers I	ENGL 221	3	The Great Traditions in English Literature		D
ENGL 203	3	Major American Writers I	ENGL XFRGEN	3	General English		S
ENGL 207	3	Introduction to Literature	ENGL 1	3	Understanding Literature		D
ENGL 217	3	African-American Literature	ENGL 139	3	Black American Literature	US	D
ENGL 246	3	Shakespeare	ENGL 129	3	Shakespeare		D
ENGL 247	3	English Arthurian Literature	ENGL XFRGH2	3	200-level English GH	IL	D
ENGL 278	3	American Short Story	ENGL 184	3	The Short Story	IL	D
HIST 101	3	World History I	HIST 10	3	World History I	IL	D
HIST 102	3	World History II	HIST 11	3	World History II	IL	D
HIST 103	3	History of the United States I	HIST 20	3	American Civilization to 1877	US	D
HIST 104	3	History of the United States II	HIST 21	3	American Civilization Since 1877	US	D
HIST 107	3	The United States Since 1918	HIST XFR100	3	General History	US	S
HIST 201	3	Western Civilization I	HIST 1	3	The Western Heritage I	IL	D
HIST 202	3	Western Civilization II	HIST 2	3	The Western Heritage II	IL	D
HIST 218	3	Hitler and Nazi Germany	HIST 143	3	History of Fascism and Nazism	IL	D
PHIL 101	3	Introduction to Philosophy	PHIL 1	3	Basic Problems of Philosophy		D
PHIL 102	3	Logic	PHIL 10	3	Critical Thinking		D
PHIL 200	3	Comparative Religion	RL ST 1	3	Introduction to World Religions	IL/US	D

PHIL 215	3	Philosophy of Science	PHIL 110	3	Introduction to the Philosophy of Science		D
PHIL 225	3	Ethics: Belief and Action	PHIL 3	3	Persons, Moral Values and the Good Life		D

General Education Natural Science GN

HACC Course	Credits	Title	PSU Course	Credits	Title	Cultures Designation	Direct or Substitution
ANTH 215	3	Physical Anthropology	ANTH 21	3	Introductory Biological Anthropology		D
ASTR 103	3	Introduction to Planetary Astronomy	ASTRO 5	3	The Sky and the Planets		D
ASTR 104	3	Introduction to Stellar Astronomy	ASTRO 292	3	Astronomy of the Distant Universe		D
BIOL 101	4	General Biology I	BIOL 110	4	Biology: Basic Concepts and Biodiversity		D
BIOL 103	3	Environmental Science	BI SC 3	3	Environmental Science		D
BIOL 108	3	Introduction to Biological Science	BIOL 11	3	Introductory Biology I		D
BIOL 111	3	Introduction to Human Biology	BIOL XFRGN0	3	000-Level Biology GN		D
BIOL 130	4	Field Biology	BIOL XFRGN	3	Plants, Places, and People	IL/US	D
BIOL 212	4	Botany	BIOL 127 +BIOL XFRGEN	3 1	Introduction to Plant Biology and Biology General Credit		D S
BIOL 221	4	Microbiology	MICRO 201 + MICRB XFRGEN	3 1	Introductory Microbiology and		D S

					General Microbiology		
BIOL 225	3	Human Biology	BIOL XFRGN2	3	Human Body: Form and Function		D
CHEM 100	3	Principles of Chemistry	CHEM 101	3	Introductory Chemistry		D
CHEM 101	4	General Inorganic Chemistry I	CHEM 110	3	Chemical Principles I		D
			CHEM 111	1	Experimental Chemistry I		D
CHEM 102	4	General Inorganic Chemistry II and Qualitative Analysis	CHEM 112	3	Chemical Principles II		D
			CHEM 113	1	Experimental Chemistry II		D
CHEM 113	3	Chemistry for the Nonscientist	CHEM 101 + CHEM XFRGEN	2 1	Chemical Principles I		D S
ENVS 201	3	Introduction to Environmental Science	ENVSC XFR100	3	General Environment Earth		S
GEOG 101	3	Physical Geography	GEOG 10	3	Physical Geography: An Introduction		D
GEOL 102	4	Historical Geology	GEOSC 2 + GEOSC XFRGEN	3	Historical Geology		D S
				1			
METR 101	3	Weather and Climate	METEO 3	3	Introductory Meteorology		D
PHYS 151	4	Physics for Technicians	PHYS 150 PHYS XFRGEN	3	Technical Physics I		D S
				1			
PHYS 201	4	General Physics I	PHYS 250	4	Introductory Physics I		D
PHYS 202	4	General Physics II	PHYS 251	4	Introductory Physics II		D
PHYS 211	4	Physics for Engineers and Scientists I	PHYS 211	4	General Physics: Mechanics		D
PHYS 212	4	Physics for Engineers and Scientists II	PHYS 212	4	General Physics: Electricity and Magnetism		D
PHYS 215	3	Modern Physics	PHYS 237	3	Introduction to Modern Physics		D

General Education Social Sciences (GS)

HACC Course	Credits	Title	PSU Course	Credits	Title	Cultures Designation	Direct or Substitution
ANTH 101	3	Introduction to Anthropology	ANTH 1	3	Introductory Anthropology	IL/US	D
ANTH 201	3	Social Anthropology	ANTH 45	3	Cultural Anthropology	IL/US	D
ANTH 205	3	Cultures of the World	ANTH 45	3	Cultural Anthropology	IL/US	D
ANTH 210	3	North American Indian Cultures	ANTH 146	3	North American Indians	US	D
ANTH 220	3	Introduction to Archaeology	ANTH 2	3	Introduction to Archaeology		D
BUSI 101	3	Introduction to Business	B A 100	3	Introduction to Business		D
BUSI 200	3	The American Business System	B A 100	3	Introduction to Business		D
CJ 108	3	Criminology	CRIMJ 12	3	Criminology		D
CJ 211	3	Juvenile Delinquency	CRIMJ XFR200	3	200-level Criminal Justice General		S
ECON 201	3	Principles of Economics I: Macro	ECON 104	3	Introductory Macroeconomic Analysis and Policy		D
ECON 202	3	Principles of Economics II: Micro	ECON 102	3	Introductory Microeconomic Analysis and Policy		D
GEOG 201	3	World Geography	GEOG 40	3	World Regional Geography	IL	D
GEOG 230	3	Introduction to Human Geography	GEOG 20	3	Human Geography: An Introduction	IL/US	D
GP 201	3	The National Political System	PL SC 1	3	Introduction to American National Government		D
GP 205	3	International Relations	PL SC 14	3	International Relations	IL	D
GP 208	3	Comparative Politics	PL SC 3	3	Introduction to Comparative Politics	IL	D

PSYC 101	3	General Psychology	PSYCH 100	3	Introductory Psychology		D
PSYC 209	3	Life Cycle Development	HDFS 129	3	Introduction to Human Development and Family Studies		D
PSYC 211	3	Psychology of Adolescence	HD FS 239	3	Adolescent Development		D
PSYC 212	3	Child Growth and Development	HDFS 229	3	Infancy to Childhood		D
PSYC 221	3	Social Psychology	PSYCH 221	3	Introduction to Social Psychology		D
SOCI 201	3	Introduction to Sociology	SOC 1	3	Introductory Sociology		D
SOCI 202	3	Social Problems	SOC 5	3	Social Problems		D
SOCI 203	3	Marriage and Family	SOC 30	3	Sociology of the Family		D

General Education Quantification (GQ)

HACC Course	Credits	Title	PSU Course	Credits	Title	Direct or Substitution
CPS 135	3	C Programming	CMPS 121	3	Introduction to Programming Techniques	D
MATH 103	3	College Algebra	MATH 21	3	College Algebra I	D
MATH 104	3	Trigonometry	MATH 26	3	Plane Trigonometry	D
MATH 110	4	Applied Calculus for Business	MATH 110	4	Techniques of Calculus I	D
MATH 111	3	Principles of Mathematics	MATH XFRGQ0	3	000-level Math General Credits GQ	D
MATH 119	4	Pre-Calculus	MATH 41	4	Trigonometry and Analytic Geometry	D
MATH 121	4	Calculus I	MATH 140	4	Calculus With Analytic Geometry I	D

MATH 122	4	Calculus II	MATH 141	4	Calculus with Analytic Geometry II	D
MATH 125	3	Discrete Mathematics	MATH XFRGQ1	3	100-level Math GQ	D
MATH 202	3	Introduction to Statistics	STAT 200	4	Elementary Statistics	D
MATH 220	4	Linear Algebra	MATH 220 (2) + MATH XFRGEN (2)	4	Matrices	D

General Education Writing and Speaking (GWS)

HACC Course	Credits	Title	PSU Course	Credits	Title	Direct or Substitution
ENGL 101	3	English Composition I	ENGL 15	3	Rhetoric and Composition	D
ENGL 102	3	English Composition II	ENGL XFRGEN for ENGL 202B	3	Effective Writing: Writing in the Social Sciences	S
ENGL 104	3	Report and Technical Writing	ENGL 202C	3	Effective Writing: Technical Writing	D
ENGL 106	3	Written Business Communication	ENGL 202D	3	Effective Writing: Business Writing	D
COMM 101	3	Effective Speaking	CAS 100	3	Effective Speech	D