

Memo of Agreement Regarding Articulation  
Between University College and  
Delaware County Community College

**PURPOSE**

The Pennsylvania State University through 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 Delaware County Community College establish this Memorandum of Agreement Regarding Articulation to facilitate the matriculation of students from Delaware County Community College to the Penn State University College Commonwealth campuses. The purpose of the agreement is to provide a pathway for students who have successfully completed an AA or AS transfer associate degree program at Delaware County Community College to transition to a parallel baccalaureate degree program in the Bachelor of Science in Biology (BIOCC); Bachelor of Science in Business (BSBCC) and the Bachelor of Arts and Science in Psychology (PSACC/PSSCC) at the University College campuses.

Delaware County Community College students are most likely to enroll at Penn State Brandywine, who will steward the agreement for University College. The agreement defines admission criteria and processes, evaluation of transfer credits and academic advising services to support students in their transition from Delaware County Community College to the Penn State University College Commonwealth campuses.

**PROCEDURES**

**A. Admissions Requirements**

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

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

Former Penn State undergraduate students, in good academic standing at Penn State, who currently attend Delaware Community County College would request re-enrollment to resume study at Penn State. Re-enrollment should be requested at the University College campus where the student plans to enroll. Students who are not in good academic standing at Penn State should consult with Penn State academic advisers regarding their eligibility to resume study.

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

The Penn State majors included in terms of the agreement are the Bachelor of Science in Biology (BIOCC); Bachelor of Science in Business (BSBCC) and the Bachelor of Arts and Science in Psychology (PSACC/PSSCC). All programs are delivered at Penn State Brandywine, but not at every

University College Commonwealth 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**

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

Transferability of courses not specified in the attached guides will be reviewed by the Undergraduate Admissions Office on a case-by-case basis. Syllabi are required to support all course evaluations.

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 Delaware County Community College and University College disciplinary faculty, and were subsequently approved by the University College Associate Dean for Academic Programs.

Students transferring to Penn State must complete 36 of their final 60 credits at Penn State.

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**

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

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

## **D. Update/Report/Relationship**

Penn State University College and Delaware County Community College agree to review the agreement and relevant transfer course equivalencies annually and will each assign an individual to serve as liaison for the purpose of monitoring this agreement. Delaware County Community College will notify the Penn State campus liaison, assigned by Penn State Brandywine, upon any modification of curriculum that could impact the articulation of equivalent courses or the requirements of Delaware County Community College associate programs. The Penn State Brandywine liaison will notify the Delaware County Community College liaison of any modifications of curriculum that could impact articulation of equivalent courses or the requirements of University College baccalaureate programs. This agreement

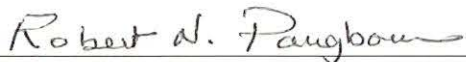
may be amended, as needed, for specific course or program articulation without affecting the currency of the master agreement.

#### E. Amendments and Term of Effect

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

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

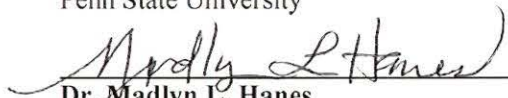
This master agreement may be terminated by either party upon written notice to the other party of an intention to terminate. Such notice will be effective only if given 180 days prior to the intended date of termination. In the event that this agreement is terminated, curriculum transfer guides, in effect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



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

5/16/16

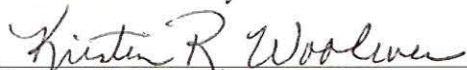
Date



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

5/16/16

Date



**Dr. Kristin Woolever**  
Chancellor, Penn State Brandywine

5/16/16

Date



**Dr. Jerome S. Parker**  
President

6/20/16

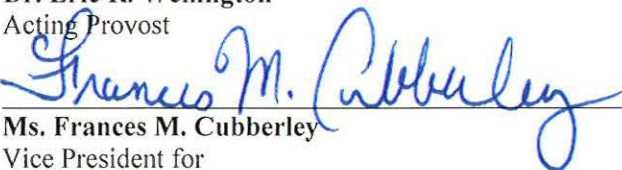
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**Dr. Eric R. Wellington**  
Acting Provost

6/16/16

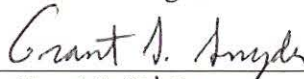
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**Ms. Frances M. Cubberley**  
Vice President for  
Enrollment Management

6/20/16

Date



**Dr. Grant S. Snyder**  
Vice Provost for Student and Instructional Support Services

6/15/16

Date

**Addendum A**  
Program to Program Articulation  
Delaware County Community College Associate in Science in Science for Health Professions  
Penn State Baccalaureate of Science in Biology

Delaware County CC Science for Health Professions <a href="http://www.dccc.edu/academics/programs/transfer-degrees/science-health-professions">http://www.dccc.edu/academics/programs/transfer-degrees/science-health-professions</a>			Penn State - University College (BIOCC) <a href="http://bulletins.psu.edu/undergrad/campuses/details/25/BIOL">http://bulletins.psu.edu/undergrad/campuses/details/25/BIOL</a>			
Course Requirements	Credits		Course	Requirement	Credits	Direct/ Substitution
ENG 100 - English Composition I	3		ENGL 015 - Rhetoric and Composition	General Education Writing/Speaking Requirement (GWS)	3	Direct
ENG 112 - English Composition II: Writing about Literature	3		ENGL 202B - Effective Writing: Writing in the Humanities	General Education Writing/Speaking Requirement (GWS)	3	Substitution for ENGL202C
Humanities Elective: COMM 111 – Public Speaking	3		CAS 100 – Effective Speech	General Education Writing/Speaking Requirement (GWS)	3	Direct
Mathematics Elective: MAT 160 - Calculus I or higher	4-5		MATH 140 – Calculus with Analytic Geometry I	General Education Quantification Requirement (GQ) and Major Requirement	4	Direct
Mathematics Elective: MAT 161 - Calculus II or higher	4-5		MATH 141 – Calculus with Analytic Geometry II	General Education Quantification Requirement (GQ) and Major Requirement	4	Direct
Laboratory Science Elective: BIO 110 - Introductory Biology I	4		BIOL 110 – Biology: Basic Concepts and Biodiversity	General Education Natural Sciences Requirement (GN) and Major Requirement	4	Direct
Laboratory Science Elective: CHE 110 - General Chemistry I	4		CHEM 110 – Chemical Principles I CHEM 111 – Experimental Chemistry I	General Education Natural Sciences Requirement (GN) and Major Requirement	4	Direct

Math/ Science Elective: CHE 111 - General Chemistry II	4		CHEM 112 – Chemical Principles II CHEM 113 – Experimental Chemistry II	General Education Natural Sciences Requirement (GN) and Major Requirement	4	Direct
Math/ Science Elective: PHY 110 - College Physics I	4		PHYS 250 – Introductory Physics I	Major Requirement	4	Direct
Math/Science Elective: PHY 111 - College Physics II	4		PHYS 251 – Introductory Physics II	Major Requirement	4	Direct
Math/Science Elective: CHE 200 - Organic Chemistry I	5		CHEM 210 – Organic Chemistry I CHEM 213 – Laboratory in Organic Chemistry	Major Requirement	5	Direct Substitution
Math/Science Elective/Open elective: BIO 220 - Nutrition and Well Being	3		NUTR XFR	General Education Health and Physical Activity (GHA)	3	Substitution
Social Science Electives: Select 3 courses from list below	9		See list below	General Education Social and Behavioral Science (GS)	9	Direct
Humanities Elective: Select 1 course from list below	3		See list below	General Education Arts (GA)	3	Direct
Open Electives Select 1 course from Open Elective list below	3		See list below	General Education Humanities (GH)	3	Direct
Open Elective Select 1 course from Humanities list below	3		See list below	General Education Arts (GA)	3	Direct
TOTAL CREDITS	63-65			TOTAL CREDITS	63	

Delaware County Community College			Penn State University, University College			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT/ SUBSTITUTION
<b>Pick Two Courses</b>						
<b>Humanities Electives/Open Elective</b>						
ART 130	Drawing I	3	ART 020	Introduction to Drawing	3	Direct
ART 140	Painting I	3	ART 050	Introduction to Painting	3	Direct
DRA 110	Acting I	3	THEA 102	Fundamentals of Acting	3	Direct
ENG 205	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3	Direct
MUS 120	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3	Direct
ART 110	Art from the Ancient World through the Middle Ages	3	ART H 100	Introduction to Art	3	Direct
ART 111	Art History II to Art from the Renaissance through Contemporary Times	3	ART H 112	Renaissance to Modern Art	3	Direct
MUS 115	Introduction to World Music	3	MUSIC 009	Introduction to World Music	3	Direct
MUS 123	Jazz: From Blues to ...	3	MUSIC 007	Evolution of Jazz	3	Direct
DRA 100	Introduction to Theatre	3	THEA 100	The Art of the Theatre	3	Direct
<b>Pick Two Courses</b>						
<b>Open Electives</b>						
HIS 110	American History I	3	HIST 020	American Civilization to 1877	3	Direct
HIS 120	American History II	3	HIST 021	American Civilization From 1877	3	Direct
HIS 130	Western Civilization I	3	HIST 001 -	The Western Heritage I	3	Direct
HIS 140	Western Civilization II	3	HIST 002	The Western Heritage II	3	Direct
HIS 150/254	World Civilization I	3	HIST 010	World History I	3	Direct
HIS 160/255	World Civilization II	3	HIST 011	World History II	3	Direct

HIS 225	History of WW II	3	HIST 144	The World at War: 1939-1945	3	Direct
<b>Pick Three Courses</b> <b>Social Science Electives/Open Elective</b>						
ADJ 240	Criminology	3	CRIM 012	Criminology	3	Direct
ADJ 261	The Youthful Offender	3	SOC 013	Juvenile Delinquency	3	Direct
ECO 220	Microeconomic Principles	3	ECON 102	Introductory Microeconomic Analysis and Policy	3	Direct
ECO 210	Macroeconomic Principles	3	ECON 104	Introductory Macroeconomic Analysis and Policy	3	Direct
POL 120	American National Government	3	PL SC 001	Introduction to American National Government	3	Direct
PSY 140	General Psychology	3	PSYCH 100	Introductory Psychology	3	Direct
PSY 210	Lifespan Human Development	3	PSYCH 212	Introduction to Developmental Psychology	3	Direct
PSY 221	Social Psychology	3	PSYCH 221	Introduction to Social Psychology	3	Direct
PSY 290	Adulthood and Aging	3	HD FS 249	Adult Development and Aging	3	Direct
SOC 110	Introduction to Sociology	3	SOC 001	Introductory Sociology	3	Direct
SOC 120	Social Problems	3	SOC 005	Social Problems	3	Direct
SOC 180	Sociology of Marriage and The Family	3	SOC 030	Sociology of the Family	3	Direct
SOC 220	Social Psychology	3	SOC 003	Introductory Social Psychology	3	Direct
SOC 210	Cultural Anthropology	3	ANTH 045	Cultural Anthropology	3	Direct
SOC 240	Human Geography	3	GEOG 020	Human Geography: An Introduction	3	Direct



Addendum A  
Program to Program Articulation  
Delaware County Community College Associate in Science in General Business  
Penn State Baccalaureate of Science in Business

Delaware County CC General Business, A.S. <a href="http://www.dccc.edu/academics/programs/transfer-degrees/business-administration-general-business">http://www.dccc.edu/academics/programs/transfer-degrees/business-administration-general-business</a>			Penn State - University College Business (BSBCC) <a href="http://bulletins.psu.edu/undergrad/campuses/details/8/BSB">http://bulletins.psu.edu/undergrad/campuses/details/8/BSB</a>			
Course Requirements	Credits		Course	Requirement	Credits	Direct/ Substitution
ENG 100 - English Composition I	3		ENGL 015 - Rhetoric and Composition	General Education Writing/Speaking Requirement (GWS)	3	Direct
BUS 100 - Introduction to Business	3		BA 100 – Introduction to Business	Elective	3	Direct
DPR 100 - Introduction to Information Technology	3		IST XFR	Elective	3	Substitution
ACC 111 - Financial Accounting	3		ACCT 211 – Financial and Managerial Accounting for Decision Making (combined with ACC 112)	Major Requirement	4	Substitution
ACC 112 - Managerial Accounting	3		ACCT 211 (combined with ACC 111)	Major Requirement	2	Substitution
ENG 112 - English Composition II: Writing Across the Curriculum	3		ENGL 202B - Effective Writing: Writing in the Humanities	General Education Writing/Speaking Requirement (GWS)	3	Substitution
ECO 210 - Macroeconomic Principles	3		ECON 104 - Introductory Macroeconomic Analysis and Policy	Major/General Education Social and Behavioral Sciences Requirement (GS)	3	Direct
ECO 220 - Microeconomic Principles	3		ECON 102 – Introductory Microeconomic Analysis and Policy	Major/General Education Social and Behavioral Sciences Requirement (GS)	3	Direct



BUS 230 - Principles of Marketing	3		MKTG 301 – Principles of Marketing	Major Requirement	3	Substitution
BUS 210 - Principles of Management	3		MGMT XFR	Elective	3	Substitution
BUS 243 - Legal Environment of Business	3		BA 243 – Social, Legal and Ethical Environment of Business	Major Requirement (4 credit course at PSU. Students must take one additional elective credit)	3	Substitution
BUS 220 - Elementary Statistics	3		STAT 200 – Elementary Statistics	Major/General Education Quantification (GQ)	4	Substitution
MAT 135 - Business Precalculus	3		MATH XFR	Elective	2	Substitution
MAT 136 - Business Calculus	3		MATH XFR	Math 110	4	Substitution
Humanities Elective (see options below)	3		See list below	General Education Arts (GA)	3	Direct
Humanities Elective (see options below)	3		See list below	General Education Arts (GA)	3	Direct
BUS Elective - BUS 232 - Principles of Finance	3		FIN 301 – Corporation Finance	Major Requirement	3	Substitution
Open Elective - COMM 111 - Public Speaking	3		CAS 100 – Effective Speech	General Education Writing/Speaking Requirement (GWS)	3	Direct
Natural Science Elective (see options below)	4		See list below	General Education Natural Sciences Requirement (GN)	4	Direct
Natural Science Elective (see options below)	3-4		See list below	General Education Natural Sciences Requirement (GN)	3-4	Direct
<b>TOTAL CREDITS</b>	61-62				61-62	

Delaware County Community College			Penn State University, University College			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
<b>Pick two courses with 1 lab science course</b>						
<b>Natural Science Electives</b>						
BIO 100	Biological Science	4	BI SC 001	Structure and Function of Organisms	4	Direct
BIO 110	Introductory Biology I	4	BIOL 110	Biology: Basic Concepts and Biodiversity	4	Direct
BIO 230	Microbiology	4	MICRB 106	Elementary Microbiology	3	Direct
CHE 110	General Chemistry I	4	CHEM 110	Chemical Principles I	3	Direct
CHE 110	General Chemistry I	4	CHEM 111	Experimental Chemistry I	1	Direct
CHE 111	General Chemistry II	4	CHEM 112	Chemical Principles II	3	Direct
CHE 111	General Chemistry II	4	CHEM 113	Experimental Chemistry II	1	Direct
ESS 100	Earth Science	3	EARTH 100	Environment Earth	4	Direct
ESS 102	Introduction to Astronomy	3	ASTRO 001	Astronomical Universe	3	Direct
PHY 100	Technical Physics I	3	PHYS 150	Technical Physics I	3	Direct
PHY 101	Technical Physics II	3	PHYS 151	Technical Physics II	3	Direct
PHY 110	College Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHY 111	College Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHY 131	University Physics I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHY 132	University Physics II	4	PHYS 212	General Physics: Electricity and Magnetism	4	Direct
SCI 100	Man & Environment	3	BI SC 003	Environmental Science	4	Direct
<b>Pick Two Courses</b>						
<b>Humanities Elective</b>						
ART 130	Drawing I	3	ART 020	Introduction to Drawing	3	Direct
ART 140	Painting I	3	ART 050	Introduction to Painting	3	Direct

DRA 110	Acting I	3	THEA 102	Fundamentals of Acting	3	Direct
ENG 205	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3	Direct
MUS 120	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3	Direct
ART 110	Art from the Ancient World through the Middle Ages	3	ART H 100	Introduction to Art	3	Direct
ART 111	Art History II to Art from the Renaissance through Contemporary Times	3	ART H 112	Renaissance to Modern Art	3	Direct
MUS 115	Introduction to World Music	3	MUSIC 009	Introduction to World Music	3	Direct
MUS 123	Jazz: From Blues to ...	3	MUSIC 007	Evolution of Jazz	3	Direct
DRA 100	Introduction to Theatre	3	THEA 100	The Art of the Theatre	3	Direct

**Addendum A**  
Program to Program Articulation  
Delaware County Community College Associate in Science in Psychology  
Penn State Baccalaureate of Science or Arts in Psychology

Delaware County CC Psychology <a href="http://www.dccc.edu/print/academics/programs/transfer-degrees/psychology-associate-science">http://www.dccc.edu/print/academics/programs/transfer-degrees/psychology-associate-science</a>		Penn State - University College (PYACC/PYSCC) <a href="http://bulletins.psu.edu/bulletins/bluebook/baccalaureate_degree_programs.cfm?letter=P&amp;program=pscb">http://bulletins.psu.edu/bulletins/bluebook/baccalaureate_degree_programs.cfm?letter=P&amp;program=pscb</a> <a href="http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBS">a.htm</a> <a href="http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBS">http://bulletins.psu.edu/undergrad/programs/baccalaureate/P/PSCBS</a>			
Course Requirements	Credits	Course	Requirement	Credits	Direct/ Substitution
ENG 100 - English Composition I	3	ENGL 015 - Rhetoric and Composition	General Education Writing/Speaking Requirement (GWS)	3	Direct
ENG 112 - English Composition II: Writing Across the Curriculum	3	ENGL 202B - Effective Writing: Writing in the Humanities	General Education Writing/Speaking Requirement (GWS)	3	Substitution for ENGL202C
COMM 111 – Public Speaking	3	CAS 100 – Effective Speech	General Education Writing/Speaking Requirement (GWS)	3	Direct
MAT 121 - Introduction to Probability and Statistics	3	STAT 100 – Statistical Concepts	General Education Quantification Requirement (GQ)	3	Direct
PSY 140 - General Psychology	3	PSYCH 100 – Introductory Psychology	Major Requirement	3	Direct
HIS 254/150 - World Civilizations I	3	HIST 010 – World History I	General Education Humanities Requirement (GH, IL)	3	Direct
HIS 255/160 - World Civilizations II	3	HIST 011 – World History II	General Education Humanities Requirement (GH, IL)	3	Direct
SOC 110 - Introduction to Sociology	3	SOC 001 – Introductory Sociology	General Education Social & Behavioral Sciences Requirement (GS)	3	Direct

MAT 210 - Statistics	3	STAT 200 – Elementary Statistics	General Education Quantification Requirement (GQ)/ Major Requirement	3 (4 credits course at PSU. Students will make up credit in electives)	Substitution
PSY 225 - Experiences in Diversity	3	PSYCH 232 – Cross Cultural Psychology	Major Requirement	3	Substitution
SOC 260 - Research Methods In the Social Sciences	3	SOC 207 – Research Methods in Sociology	Elective	3	Direct
Psychology Electives - select 3 courses	9	See list below	Major Requirements	9	Direct or Substitution per list.
Laboratory Science Electives – Select 2 courses	8	See list below	General Education Natural Sciences Requirement (GN)	8	Direct
Humanities Elective – Select 2 courses	6	See list below	General Education Arts (GA)	6	Direct
Open Elective – Select 2 courses based on degree/option chosen	6	See list below	Option courses or BA requirement	6	Direct
TOTAL CREDITS	62		TOTAL CREDITS	62	

Delaware County Community College			Penn State University, University College			
REQUIREMENT	COURSE	CREDITS	REQUIREMENT	COURSE	CREDITS	DIRECT or SUBSTITUTION
<b>Select Two Courses</b>						
<b>Humanities Electives</b>						
ART 130	Drawing I	3	ART 020	Introduction to Drawing	3	Direct
ART 140	Painting I	3	ART 050	Introduction to Painting	3	Direct

DRA 110	Acting I	3	THEA 102	Fundamentals of Acting	3	Direct
ENG 205	Creative Writing	3	ENGL 050	Introduction to Creative Writing	3	Direct
MUS 120	Introduction to Music	3	MUSIC 005	An Introduction to Western Music	3	Direct
ART 110	Art from the Ancient World through the Middle Ages	3	ART H 100	Introduction to Art	3	Direct
ART 111	Art History II to Art from the Renaissance through Contemporary Times	3	ART H 112	Renaissance to Modern Art	3	Direct
MUS 115	Introduction to World Music	3	MUSIC 009	Introduction to World Music	3	Direct
MUS 123	Jazz: From Blues to ...	3	MUSIC 007	Evolution of Jazz	3	Direct
DRA 100	Introduction to Theatre	3	THEA 100	The Art of the Theatre	3	Direct

**Select Three Courses  
Psychology Electives**

PSY 200	Personality Theories	3	PSYCH 238	Introduction to Personality Psychology	3	Substitution
PSY 210	Lifespan Human Development	3	PSYCH 212	Developmental Psychology	3	Direct
PSY 220	Abnormal Psychology	3	PSYCH 270	Introduction to Abnormal Psychology	3	Substitution
PSY 221	Social Psychology	3	PSYCH 221	Intro to Social Psychology	3	Direct

**Select Two Courses  
Laboratory Science**

BIO 100	Biological Science	4	BI SC 001	Structure and Function of Organisms	4	Direct
BIO 110	Introductory Biology I	4	BIOL 110	Biology: Basic Concepts and Biodiversity	4	Direct
BIO 230	Microbiology	4	MICRB 106	Elementary Microbiology	3	Direct
			MICRB 107	Elementary Microbiology Lab	1	Direct
CHE 110	General Chemistry I	4	CHEM 110	Chemical Principles I	3	Direct
CHE 110	General Chemistry I	4	CHEM 111	Experimental Chemistry I	1	Direct
CHE 111	General Chemistry II	4	CHEM 112	Chemical Principles II	3	Direct

CHE 111	General Chemistry II	4	CHEM 113	Experimental Chemistry II	1	Direct
PHY 110	College Physics I	4	PHYS 250	Introductory Physics I	4	Direct
PHY 111	College Physics II	4	PHYS 251	Introductory Physics II	4	Direct
PHY 131	University Physics I	4	PHYS 211	General Physics: Mechanics	4	Direct
PHY 132	University Physics II	4	PHYS 212	General Physics: Electricity and Magnetism	4	Direct

### Select Two Courses

#### Open Electives

#### For B.A. degree – select two courses of one language

ITA 101 and ITA 102	Italian 1 and Italian 2	3, 3	IT010	Intensive Elementary Italian I	6	Substitution
SPA 101 and SPA 102	Spanish 1 and Spanish 2	3, 3	SPAN 010	Intensive Spanish I	6	Substitution
SPA 111 and SPA 112	Spanish 3 and Spanish 4	3, 3	SPAN 020	Intensive Spanish II	6	Substitution
FRE 101 and 102	French 1 and French 2	3, 3	FR 111	Elementary French	6	Substitution
FRE 111 and FRE 112	French 3 and French 4	3, 3	FR 112	Intermediate French	6	Substitution

**NOTE:** Completing the foreign language requirement for the major requires 12 credit level proficiency. Students taking a foreign language at DCCC levels 1 & 2 must complete their language requirement at PSU. Students who satisfactorily complete levels 3 & 4 at DCCC will have successfully met this requirement.

#### For B.S. degree with Business Option – Select two courses

ECO 210	Macroeconomics	3	ECON 104	Introductory Macroeconomic Analysis and Policy	3	Direct
ECO 220	Microeconomics	3	ECON 102	Introductory Microeconomic Analysis and Policy	3	Direct
BUS 230	Principles of Marketing	3	MKTG 301	Principles of Marketing	3	Substitution
BUS 232	Principles of Finance	3	FIN 301	Corporation Finance	3	Substitution

#### For B.S. degree with Science Option – Select two courses



BIO 110	Introductory Biology	4	BIOL 110	Biology: Basic Concepts and Biodiversity	4	Direct
CHE 110	General Chemistry I	4	CHEM 110 CHEM 111	Chemical Principles I Experimental Chemistry I	4	Direct
CHE 111	General Chemistry II	4	CHEM 112 CHEM 113	Chemical Principles II Experimental Chemistry II	4	Direct
CHE 200	Organic Chemistry I	5	CHEM 210	Organic Chemistry I	5	Direct