

**Articulation Agreement  
Between  
Penn State Harrisburg  
And  
Northern Virginia Community College**

**I. PURPOSE**

This articulation agreement is designed to coordinate transfer policies, enhance advising, and promote the transfer of equivalent courses/credits between Penn State Harrisburg (PSH) and Northern Virginia Community College (NOVA).

**II. ELEMENTS OF THE AGREEMENT**

**A. Admissions Practices**

1. Penn State Harrisburg (PSH) will accept an admissions application from any student intending to transfer from NOVA into any baccalaureate degree program at PSH. Transferring NOVA applicants must meet the same admissions criteria as other students applying for transfer to PSH. The application fee will be waived for NOVA students who have completed an Associate degree at NOVA.
2. Students transferring from NOVA to specific PSH programs must meet the same entry-to-major requirements, grade point average (GPA) and other admission criteria, as other native or transfer students applying to PSH programs.
3. Upon completion of an associate degree program at NOVA, a student becomes a candidate for transfer, if the student has maintained a cumulative grade point average of 2.0 or higher (3.0 for all Education majors). Students without an associate degree may transfer to PSH with a minimum of 18 attempted credits, assuming all other transfer admission requirements have been met:
  - a. For the purposes of admission and credit transfer, the student's GPA is determined by a calculation that includes all NOVA, as well as all colleges/universities previously attended, attempted and completed courses. PSH recalculates the GPA using all courses and grades, including all repeated courses.
  - b. Courses with grades of C or higher will be accepted for transfer by Penn State Harrisburg.
  - c. For all Engineering, Business, Math, and Science majors at PSH, the math requirement for admission is the successful completion of trigonometry in high school OR MTH 163, 166, or 271 at NOVA. For all other majors at PSH, the math requirement for admission is college algebra (MTH 151 at NOVA) or two years of algebra and one year of geometry in high school.

**B. Acceptance and Application of Credits**

1. Upon completion of study at NOVA, students must submit an official transcript to Penn State. Course equivalences will be evaluated consistent with Penn State policies for all advanced standing applicants.
2. NOVA courses at the 100 to 299 level, evaluated as equivalent to Penn State 000 to 299 level courses, will apply to PSH degree requirements in the student's stated major field of study, as outlined on the attached transfer guides. Transferability of courses not specified in the attached guides will be reviewed on a case by case basis by the academic program the student enrolls into at Penn State Harrisburg.
3. Courses/Credits in which grades of C- or lower were earned will not be accepted for transfer to Penn State.
4. PSH will evaluate courses/credits earned through Advanced Placement (AP), College-Level Examination Program (CLEP), or other testing programs according to criteria established by Penn State. PSH also will evaluate courses/credits earned at all previous institutions attended.

5. PSH will evaluate Prior Learning Activity for Credit Evaluation (P.L.A.C.E.) for possible credit.
6. PSH will maintain course equivalency information and make this information readily available to NOVA.
7. Students transferring from NOVA will be required to complete a minimum of 36 of the last 60 semester hours of PSH coursework to be eligible for the PSH degree.

C. **Update/Report/Relationship**

PSH and NOVA agree to review the agreement and relevant transfer course equivalencies annually and will assign individuals to serve as liaison for the purpose of monitoring this agreement. NOVA will notify PSH upon any modification of curriculum that could impact the articulation of equivalent courses or the requirements of NOVA associate programs.

D. **Amendments and Term of Effect**

1. The curriculum transfer guides in effect at the time a student first enrolls at NOVA will be honored by PSH if the student completes an AA or AS degree program and successfully transfers to PSH within four years of their first enrollment at NOVA.
2. This agreement may be amended, as needed, for specific program articulation without affecting the currency of the master agreement. All course-by-course transfer guides may be amended as needed.
3. This master agreement will remain in effect until terminated by either party upon written notice to 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, the terms of the agreement contained herein will remain in effect for the maximum of two years.

Mukund S. Kulkarni Sept 6, 2011  
 Dr. Mukund Kulkarni Date  
 Chancellor  
 Penn State Harrisburg

Madlyn L. Hanes Sept 15, 2011  
 Dr. Madlyn Hanes Date  
 Vice President for Commonwealth Campuses  
 Penn State University

Robert N. Pangborn Sept 19, 2011  
 Dr. Robert Pangborn Date  
 Vice President and Dean for Undergraduate Education  
 Penn State University

Robert G. Templin, Jr. 10-6-11  
 Dr. Robert G. Templin, Jr. Date  
 President  
 Northern Virginia Community College

Anthony C. Tardd 10/24/11  
 Anthony Tardd Date  
 Acting Executive Vice President, Academic and Student Services  
 Northern Virginia Community College

# ACCOUNTING

**Recommendations/Notes:**

1. Students are encouraged to complete the NOVA equivalent of the 8 PSH Entry-to-Major course requirements: ENGL 015 GWS (3) or 030 GWS (3), MATH 110 GQ (4) or 140 GQ (4), ACCTG 211(4), MIS 204(3), STAT 200 GQ (4) or SCM 200 GQ (4), ECON 002 GS (3), ECON 004 GS (3), and BA 241&BA 242 or BA 243 (equivalents listed below).
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school prior to transfer.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (See the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION *ENGL 015 or 030 (GWS) ENGL 202 D (GWS)	3	<input type="checkbox"/> ENG 111	3
	3	<input type="checkbox"/> ENG 116	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110	3
CALCULUS *MATH 110 (GQ) or 140 (GQ)	4	<input type="checkbox"/> MTH 173 or 271	3-5
STATISTICS * STAT 200 (GQ) or SCM 200 (GQ)	4	<input type="checkbox"/> MTH 157	4
INFORMATION SYSTEMS * MIS 204	3	<input type="checkbox"/> BUS 226	3
ECONOMICS * ECON 102 (GS) * ECON 104 (GS)	3	<input type="checkbox"/> ECO 202	3
	3	<input type="checkbox"/> ECO 201	3
ACCOUNTING PRINCIPLES * ACCTG 211	4	<input type="checkbox"/> ACC 211	3
		<input type="checkbox"/> ACC 212	3
LEGAL ENVIRONMENT OF BUSINESS * BA 243 <i>or</i> * BA 241 & BA 242	4	<input type="checkbox"/> BUS 241	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1

	1	[ ]	1
SUPPORTING BUSINESS COURSES	6	200 - level business courses	3
		[ ] ACC, BUS, FIN, MKT	3
NON-BUSINESS ELECTIVES NON-REMEDIAL COURSES	8	Non-Business subject areas	
		[ ]	3
		[ ]	3
		[ ]	2

# AMERICAN STUDIES

**Recommendations/Notes:**

1. Although not required for transfer admissions, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This requirement is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see General Education Table below)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
<b>QUANTIFICATION (GQ)</b> One course must be in math	3	<b>SELECT COURSES FROM GQ TABLE (see below)</b> <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
<b>NATURAL SCIENCE (GN)</b> <i>Major requires one lab science class</i>	3	<b>SELECT COURSES FROM GN TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
<b>HUMANITIES (GH)</b>	3	<b>SELECT COURSES FROM GH TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
<b>ARTS (GA)</b>	3	<b>SELECT COURSES FROM GA TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
<b>SOCIAL SCIENCE (GS)</b>	3	<b>SELECT COURSES FROM GS TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
<b>HEALTH &amp; PHYSICAL ACTIVITY (GHA)</b>	1	<b>SELECT COURSES FROM GHA TABLE (see below)</b> <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
<b>FOREIGN LANGUAGE</b> <i>All credits must be in the same foreign language</i>	12	<input type="checkbox"/>	4
		<input type="checkbox"/>	4
		<input type="checkbox"/>	4
<b>ELECTIVES</b>	21	<b>NON-REMEDIAL COURSES</b> <input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

# APPLIED BEHAVIORAL SCIENCE

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra & 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> ENG 112 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) <i>One course must be in MATH/STAT</i>	3	SELECT COURSES FROM GQ TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS) PSYCH 100 SOC 001 or 005	3	<input type="checkbox"/> PSY 201	3
	3	<input type="checkbox"/> SOC 200 or 268	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
PRESCRIBED COURSES ANTH 045, GEOG 020, PL SC 001 or 003	3	<input type="checkbox"/> PLS 135 or 140	3
ELECTIVES	12	<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

# CIVIL ENGINEERING

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL is required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS)	3	[] ENG 111 (GWS)	3
ENGL 202C (GWS)	3	[] ENG 115 (GWS)	3
SPEECH CAS 100 (GWS)	3	[] CST 110 (GWS)	3
QUANTIFICATION (GQ) MATH 140*	4	[] MTH 173 (GQ)	5
MATH 141*	4	[] MTH 174 (GQ)	5
NATURAL SCIENCE (GN) PHYS 211 (GN)*	4	[] PHY 201 (GN)	4
PHYS 212 (GN)	4	[] PHY 202 (GN)	4
CHEM 110 & 111 (GN)*	4	[] CHM 111 (GN)	4
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) [] Consider taking a course to satisfy recommendation #2 above	3
	3	[]	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) [] Consider taking a course to satisfy recommendation #2 above	3
	3	[]	3
SOCIAL SCIENCE (GS) ECON 102 or 104 or 014 (GS)	3	SELECT COURSES FROM GS TABLE (see below) [] ECO 201 or 202 (GS)	3
	3	[] Consider taking a course to satisfy recommendation #2 above	3
HEALTH & PHYSICAL ACTIVITY (GHA) Construction concentration students must take CE 254 @ PSH	1	SELECT COURSES FROM GHA TABLE (see below) []	1
	1	[]	1
	1	[]	1
PHYSICAL GEOLOGY GEOSC 001	3	[] GOL 105	4
MATRICES: MATH 220	2	[] MTH 285	3
ENGINEERING GRAPHICS: EDSGN 100	3	[] CAD 152	3
STATICS: E MCH 211	3	[] EGR 240	3
DYNAMICS: E MCH 212	3	[] EGR 245	3
STRENGTH OF MATERIALS E MCH 213	3	[] EGR 246	3
COMPUTER PROGRAMMING CMPSC 121 OR 201 OR 202	3	[] CSC 201	4

# COMMUNICATIONS

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see PSH General Education Table)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) One course must be in Math	3	SELECT COURSES FROM GQ TABLE (see below)	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below)	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
ELECTIVES	15	NON-REMEDIAL COURSES	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3



# COMPUTER SCIENCE

## Recommendations/Notes:

1. Students are encouraged to complete the NOVA equivalent of the PSH Entry-to-Major course requirements: MATH 140, MATH 141, and CMPSC 121 and 122.
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (See the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202C (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 115 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
	3		3
QUANTIFICATION (GQ) * MATH 140 * MATH 141	4	<input type="checkbox"/> MTH 173 (GQ)	5
	4	<input type="checkbox"/> MTH 174 (GQ)	5
NATURAL SCIENCE (GN) PHYS 211 recommended	4	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> PHY 201 recommended	4
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	3	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
		<input type="checkbox"/>	1
		<input type="checkbox"/>	1
COMPUTER SCIENCE *CMPSC 121 *CMPSC 122	3	<input type="checkbox"/> CSC 201	4
	3	<input type="checkbox"/> CSC 202	4
ADDITIONAL MATH MATH 220	2	<input type="checkbox"/> MTH 285	3

# CRIMINAL JUSTICE

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) STAT 200	4	SELECT COURSES FROM GQ TABLE (see below) <input type="checkbox"/> MTH 157	4
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)		SELECT COURSES FROM GN TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)		SELECT COURSES FROM GH TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)		SELECT COURSES FROM GA TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)		SELECT COURSES FROM GS TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)		SELECT COURSES FROM GHA TABLE (see below)	
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
PRESCRIBED COURSES			
CRIMJ 012	3	<input type="checkbox"/> ADJ 107	3
CRIMJ 100	3	<input type="checkbox"/> ADJ 100	3
CRIMJ 210	3	<input type="checkbox"/> ADJ 111	3
CRIMJ 230	3	<input type="checkbox"/> ADJ 140	3
CRIMINAL JUSTICE ELECTIVES	3	<input type="checkbox"/> ADJ 133	3
	3	<input type="checkbox"/> ADJ 211	3
ELECTIVES	17	NON-REMEDIAL COURSES	
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	2

# ELECTRICAL ENGINEERING TECHNOLOGY

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see General Education Table)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS) ENGL 202C (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 115 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
<b>QUANTIFICATION (GQ)</b> MATH 140 MATH 141	4	<input type="checkbox"/> MTH 173 (GQ)	5
	4	<input type="checkbox"/> MTH 174 (GQ)	5
<b>NATURAL SCIENCE (GN)</b> PHYS 150 or 211 (GN) PHYS 151 or 212 (GN) CHEM 110 & 111	3-4	<input type="checkbox"/> PHY 201 (GN)	4
	3-4	<input type="checkbox"/> PHY 202 (GN)	4
	4	<input type="checkbox"/> CHM 111	4
<b>HUMANITIES (GH)</b>	3	<b>SELECT COURSES FROM GH TABLE (see below)</b> <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
<b>ARTS (GA)</b>	3	<b>SELECT COURSES FROM GA TABLE (see below)</b> <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
<b>SOCIAL SCIENCE (GS)</b>	3	<b>SELECT COURSES FROM GS TABLE (see below)</b> <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
<b>HEALTH &amp; PHYSICAL ACTIVITY (GHA)</b>	1	<b>SELECT COURSES FROM GHA TABLE (see below)</b> <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
<b>ENGINEERING GRAPHICS:</b> EDSGN 100 or EGT 101 & 102	3	<input type="checkbox"/> CAD 152	3
<b>COMPUTER PROGRAMMING</b> CMPSC 101, 121, or 201 (GQ)	3	<input type="checkbox"/> CSC 201	4
<b>MATH/STATISTICS:</b> MATH 230, 250, 408, 430, 444, 446, OR STAT 200 (GQ)	3-4	<input type="checkbox"/> MTH 157, 277, or 291	3-4
<b>ELECTIVES</b>	10	<b>NON-REMEDIATION COURSES</b>	
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	1

# ELECTRICAL ENGINEERING

## Recommendations/Notes:

1. Students are encouraged to complete the NOVA equivalent of the PSH Entrance-to-Major requirements: MATH 140 GQ(4), 141 GQ(4), PHYS 211 GN(4) and CHEM 110 GN(3), 111 GN(1).
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Office of Enrollment Services at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS)	3	[] ENG 111 (GWS)	3
ENGL 202C (GWS)	3	[] ENG 115 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	[] CST 110 (GWS)	3
<b>QUANTIFICATION (GQ)</b> * MATH 140	4	[] MTH 173	5
* MATH 141	4	[] MTH 174	5
<b>NATURAL SCIENCE (GN)</b> * PHYS 211 (GN)	4	[] PHY 201	4
PHYS 212 (GN)	4	[] PHY 202	4
<b>HUMANITIES (GH)</b>	3	<b>SELECT COURSES FROM GH TABLE (see below)</b> [] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[]	3
<b>ARTS (GA)</b>	3	<b>SELECT COURSES FROM GA TABLE (see below)</b> [] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[]	3
<b>SOCIAL SCIENCE (GS)</b> ECON 102 (GS), 104 (GS) or 014 (GS)	3	<b>SELECT COURSES FROM GS TABLE (see below)</b> [] ECO 201 or 202	3
	3	[] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
<b>HEALTH &amp; PHYSICAL ACTIVITY (GHA)</b>	1	<b>SELECT COURSES FROM GHA TABLE (see below)</b> []	1
	1	[]	1
	1	[]	1
<b>DIFFERENTIAL EQUATIONS:</b> MATH 250	3	[] MTH 291	3
<b>MATRICES: MATH 220 (GQ)</b>	2	[] MTH 285	3
<b>STATISTICS:</b> MATH 444, 446 OR STAT 200 (GQ)	3-4	[] MTH 157	4
<b>ADVANCED CALCULUS:</b> MATH 230	4	[] MTH 277	4
<b>ENGINEERING GRAPHICS:</b> EDSGN 100	3	[] CAD 152	3
<b>STATICS: E MCH 211</b>	3	[] EGR 240	3
<b>COMPUTER PROGRAMMING</b> CMPSC 121 or 201 or 202 (GQ)	3-4	[] CSC 201	4
<b>CHEMISTRY: * CHEM 110 &amp; 111 (GN)</b>	4	[] CHM 111	4

# ELEMENTARY EDUCATION

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Generally students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, however, no credits of US or IL are required since lower division requirements will fulfill both US and IL equivalents.
3. Students must complete the PRAXIS I before transferring and have the scores sent directly to the Admissions Office at Penn State Harrisburg.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
<b>QUANTIFICATION (GQ)</b> A) MATH 200 (GQ) B) MATH (GQ) 4-8 Math option – MATH 021 is recommended	3	<b>REQUIRED COURSES FROM GQ TABLE</b> <input type="checkbox"/> MTH 151	3
	3	<input type="checkbox"/> 4-8 Math option – MTH 163 is recommended	3
<b>NATURAL SCIENCE (GN)</b> A) Biological Science B) Physical Science (Select a Physical or Earth Science) C) Environmental Studies: BI SC 003, BIOL 120, 127, or HORT 101	3-4	<b>REQUIRED COURSES FROM GN TABLE</b> <input type="checkbox"/> BIO 101 or 141 or NAS 150	4
	3-4	<input type="checkbox"/> CHM, GOL, PHY, or NAS 125 or 130	3-4
	3	<input type="checkbox"/> BIO 107 or ENV 121	4
<b>HUMANITIES (GH)</b> A) Literature (4-8 English option – American Lit is required) B) American History HIST 003, 012, 020, or 021 (GH)	3	<b>REQUIRED COURSES FROM GH TABLE</b> <input type="checkbox"/> Literature course from GH table (4-8 English option ENG 241 or 242)	3
	3	<input type="checkbox"/> HIS 121 (US) or 122 (US) 4-8 SS option – take both	3
<b>ARTS (GA)</b>	3	<b>SELECT COURSES FROM GA TABLE (see below)</b> <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
<b>SOCIAL SCIENCE (GS)</b> A) ECON 102, 104, or 014 B) HD FS 229 (PK-4) HD FS 239 (4-8)	3	<b>REQUIRED COURSES FROM GS TABLE</b> <input type="checkbox"/> ECO 201 or 202	3
	3	<input type="checkbox"/> PSY 235 (PK-4) <input type="checkbox"/> PSY 236(4-8)	3
<b>HEALTH &amp; PHYSICAL ACTIVITY (GHA)</b>	1	<b>SELECT COURSES FROM GHA TABLE (see below)</b> <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
<b>PRESCRIBED COURSES</b> GEOG 040 (GS)	3	<input type="checkbox"/> GEO 220 (US/IL)	3
CI 295	3	<input type="checkbox"/> EDU 200	3
EDPSY 014	3	<input type="checkbox"/> PSY 245	3
MATH 026 (GQ) 4-8 Math option only	3	<input type="checkbox"/> MTH 166	5
MATH 140 (GQ) 4-8 Math option only	4	<input type="checkbox"/> MTH 173	5
MATH 220 (GQ) 4-8 Math option only	2	<input type="checkbox"/> MTH 285	3
PL SC 001 (GS) 4-8 Social Studies only	3	<input type="checkbox"/> PLS 135	3
BRITISH LIT (4-8 English option only)	3	<input type="checkbox"/> ENG 243 or 244	3

# ENGLISH

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
<b>QUANTIFICATION (GQ)</b> <i>One course must be in math.</i>	3	<b>SELECT COURSES FROM GQ TABLE (see below)</b> <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
<b>NATURAL SCIENCE (GN)</b>	3	<b>SELECT COURSES FROM GN TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
<b>HUMANITIES (GH)</b>	3	<b>SELECT COURSES FROM GH TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
<b>ARTS (GA)</b>	3	<b>SELECT COURSES FROM GA TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
<b>SOCIAL SCIENCE (GS)</b>	3	<b>SELECT COURSES FROM GS TABLE (see below)</b> <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
<b>HEALTH &amp; PHYSICAL ACTIVITY (GHA)</b>	1	<b>SELECT COURSES FROM GHA TABLE (see below)</b> <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
<b>ADDITIONAL ENGLISH COURSES</b> Select 3 credits in British literature from ENGL 221, 221W, 222, 222W	3	<b>ADDITIONAL ENGLISH COURSES</b> <input type="checkbox"/> ENG 243 or 244	3
Select 3 credits in American literature from ENGL 231, 231W, 232, 232W	3	<input type="checkbox"/> ENG 241 or 242	3
<b>ELECTIVES</b>	18	<b>NON-REMEDIATION COURSES</b> <input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

# FINANCE

## Recommendations/Notes:

1. Students are encouraged to complete the NOVA equivalent of the 8 PSH Entry-to-Major course requirements: ENGL 015 GWS (3) or 030 GWS (3), MATH 110 GQ (4) or 140 GQ (4), ACCTG 211(4), MIS 204(3), STAT 200 GQ (4) or SCM 200 GQ (4), ECON 002 GS (3), ECON 004 GS (3), and BA 241&BA 242 or BA 243 (equivalents listed below).
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school prior to transfer.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (See the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION *ENGL 015 or 030 (GWS) ENGL 202 D (GWS) SPEECH CAS 100 (GWS)	3	[ ] ENG 111	3
	3	[ ] ENG 116	3
	3	[ ] CST 110	3
CALCULUS *MATH 110 (GQ) or 140 (GQ)	4	[ ] MTH 173 or 271	3-5
STATISTICS * STAT 200 (GQ) or SCM 200 (GQ)	4	[ ] MTH 157	4
INFORMATION SYSTEMS * MIS 204	3	[ ] BUS 226	3
ECONOMICS * ECON 102 (GS) * ECON 104 (GS)	3	[ ] ECO 202	3
	3	[ ] ECO 201	3
ACCOUNTING PRINCIPLES * ACCTG 211	4	[ ] ACC 211	3
		[ ] ACC 212	3
LEGAL ENVIRONMENT OF BUSINESS * BA 243 or * BA 241 & BA 242	4	[ ] BUS 241	3
NATURAL SCIENCE (GN)	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
	3	[ ]	3
ARTS (GA)	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
HUMANITIES (GH)	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
SOCIAL SCIENCE (GS)	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	[ ]	1
	1	[ ]	1
	1	[ ]	1

SUPPORTING BUSINESS COURSES	6	200 – level business courses	
		[ ] ACC, BUS, FIN, MKT	3
NON-BUSINESS ELECTIVES ON-REMEDIAL COURSES	8	[ ] ACC, BUS, FIN, MKT	3
		Non-Business subject areas	
		[ ]	3
		[ ]	3
		[ ]	2



# HUMAN DEVELOPMENT & FAMILY STUDIES

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra & 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> ENGL 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) STAT 200	3	SELECT COURSES FROM GQ TABLE <input type="checkbox"/> MTH 157	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS) PSYCH 100 - recommended SOC 001 or 005 - recommended	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> PSY 201 - recommended	3
	3	<input type="checkbox"/> SOC 200 or 268 - recommended	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
ELECTIVES	5	NON-REMEDIATION COURSES <input type="checkbox"/>	3
		<input type="checkbox"/>	2

# INFORMATION SCIENCES AND TECHNOLOGY

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202C or D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) MATH 110 or MATH 140 (GQ) STAT 200 (GQ)	4	<input type="checkbox"/> MTH 173 (GQ)	5
	4	<input type="checkbox"/> MTH 157 (GQ)	4
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
SOCIAL SCIENCE (GS) ECON 102 or ECON 104 (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> ECO 201 or 202 (GS)	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
PROGRAMMING CMPSC 101 OR 121	3	<input type="checkbox"/> CSC 201	4
LANGUAGE <i>*All credits must be in one language</i>	12	<input type="checkbox"/>	4
		<input type="checkbox"/>	4
		<input type="checkbox"/>	4
ELECTIVES NON-REMEDIAL COURSES	6	<input type="checkbox"/>	3
		<input type="checkbox"/>	3

# INFORMATION SYSTEMS

**Recommendations/Notes:**

1. Students are encouraged to complete the NOVA equivalent of the 8 PSH Entry-to-Major course requirements: ENGL 015 GWS (3) or 030 GWS (3), MATH 110 GQ (4) or 140 GQ (4), ACCTG 211(4), MIS 204(3), STAT 200 GQ (4) or SCM 200 GQ (4), ECON 002 GS (3), ECON 004 GS (3), and BA 241&BA 242 or BA 243 (equivalents listed below).
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school prior to transfer.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (See the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION *ENGL 015 or 030 (GWS) ENGL 202 D (GWS) SPEECH CAS 100 (GWS)	3	[ ] ENG 111	3
	3	[ ] ENG 116	3
	3	[ ] CST 110	3
CALCULUS *MATH 110 (GQ) or 140 (GQ)	4	[ ] MTH 173 or 271	3-5
STATISTICS * STAT 200 (GQ) or SCM 200 (GQ)	4	[ ] MTH 157	4
INFORMATION SYSTEMS * M I S 204	3	[ ] BUS 226	3
ECONOMICS * ECON 102 (GS) * ECON 104 (GS)	3	[ ] ECO 202	3
	3	[ ] ECO 201	3
ACCOUNTING PRINCIPLES * ACCTG 211	4	[ ] ACC 211	3
		[ ] ACC 212	3
LEGAL ENVIRONMENT OF BUSINESS * BA 243 <i>or</i> * BA 241 & BA 242	4	[ ] BUS 241	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
	3	[ ]	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) [ ]	1
	1	[ ]	1

	1	<input type="checkbox"/>	1
SUPPORTING BUSINESS COURSES	6	200 – level business courses <input type="checkbox"/> ACC, BUS, FIN, MKT	3
		<input type="checkbox"/> ACC, BUS, FIN, MKT	3
COMPUTER PROGRAMMING CMPSC 101	3	<input type="checkbox"/> CSC 201	3
NON-BUSINESS ELECTIVES NON-REMEDIAL COURSES	8	Non-Business subject areas	
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	2

# INTERDISCIPLINARY HUMANITIES

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) One course must be in math	3	SELECT COURSES FROM GQ TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
ELECTIVES	15	NON-REMEDIATION COURSES <input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

## LETTERS, ARTS, & SCIENCES

### Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) One course must be in math	3	SELECT COURSES FROM GQ TABLE (see below)	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN) <i>Major requires one lab science</i>	3	SELECT COURSES FROM GN TABLE (see below)	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below)	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below)	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below)	3
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below)	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
FOREIGN LANGUAGE <i>All credits must be in the same language</i>	12	<input type="checkbox"/>	4
		<input type="checkbox"/>	4
		<input type="checkbox"/>	4
ELECTIVES	15	NON-REMEDIATION COURSES	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

# MANAGEMENT

## Recommendations/Notes:

1. Students are encouraged to complete the NOVA equivalent of the 8 PSH Entry-to-Major course requirements: ENGL 015 GWS (3) or 030 GWS (3), MATH 110 GQ (4) or 140 GQ (4), ACCTG 211(4), MIS 204(3), STAT 200 GQ (4) or SCM 200 GQ (4), ECON 002 GS (3), ECON 004 GS (3), and BA 241&BA 242 or BA 243 (equivalents listed below).
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school prior to transfer.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (See the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION *ENGL 015 or 030 (GWS) ENGL 202 D (GWS)	3	<input type="checkbox"/> ENG 111	3
	3	<input type="checkbox"/> ENG 116	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110	3
CALCULUS *MATH 110 (GQ) or 140 (GQ)	4	<input type="checkbox"/> MTH 173 or 271	3-5
STATISTICS * STAT 200 (GQ) or SCM 200 (GQ)	4	<input type="checkbox"/> MTH 157	4
INFORMATION SYSTEMS * MIS 204	3	<input type="checkbox"/> BUS 226	3
ECONOMICS * ECON 102 (GS) * ECON 104 (GS)	3	<input type="checkbox"/> ECO 202	3
	3	<input type="checkbox"/> ECO 201	3
ACCOUNTING PRINCIPLES * ACCTG 211	4	<input type="checkbox"/> ACC 211	3
		<input type="checkbox"/> ACC 212	3
LEGAL ENVIRONMENT OF BUSINESS * BA 243 <i>or</i> * BA 241 & BA 242	4	<input type="checkbox"/> BUS 241	3
NATURAL SCIENCE (GN)		SELECT COURSES FROM GN TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)		SELECT COURSES FROM GA TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HUMANITIES (GH)		SELECT COURSES FROM GH TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
SOCIAL SCIENCE (GS)		SELECT COURSES FROM GS TABLE (see below)	
	3	<input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)		SELECT COURSES FROM GHA TABLE (see below)	
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1

SUPPORTING BUSINESS COURSES	6	200 - level business courses	
		[ ] ACC, BUS, FIN, MKT	3
NON-BUSINESS ELECTIVES NON-REMEDIAL COURSES	8	[ ] ACC, BUS, FIN, MKT	3
		Non-Business subject areas	
		[ ]	3
		[ ]	3
		[ ]	2



# MARKETING

## Recommendations/Notes:

1. Students are encouraged to complete the NOVA equivalent of the 8 PSH Entry-to-Major course requirements: ENGL 015 GWS (3) or 030 GWS (3), MATH 110 GQ (4) or 140 GQ (4), ACCTG 211(4), MIS 204(3), STAT 200 GQ (4) or SCM 200 GQ (4), ECON 002 GS (3), ECON 004 GS (3), and BA 241&BA 242 or BA 243 (equivalents listed below).
2. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school prior to transfer.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (See the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION *ENGL 015 or 030 (GWS) ENGL 202 D (GWS)	3	<input type="checkbox"/> ENG 111	3
	3	<input type="checkbox"/> ENG 116	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110	3
CALCULUS *MATH 110 (GQ) or 140 (GQ)	4	<input type="checkbox"/> MTH 173 or 271	3-5
STATISTICS * STAT 200 (GQ) or SCM 200 (GQ)	4	<input type="checkbox"/> MTH 157	4
INFORMATION SYSTEMS * MIS 204	3	<input type="checkbox"/> BUS 226	3
ECONOMICS * ECON 102 (GS) * ECON 104 (GS)	3	<input type="checkbox"/> ECO 202	3
	3	<input type="checkbox"/> ECO 201	3
ACCOUNTING PRINCIPLES * ACCTG 211	4	<input type="checkbox"/> ACC 211	3
		<input type="checkbox"/> ACC 212	3
LEGAL ENVIRONMENT OF BUSINESS * BA 243 <i>or</i> * BA 241 & BA 242	4	<input type="checkbox"/> BUS 241	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1

SUPPORTING BUSINESS COURSES	6	200 – level business courses	
		<input type="checkbox"/> ACC, BUS, FIN, MKT	3
		<input type="checkbox"/> ACC, BUS, FIN, MKT	3
NON-BUSINESS ELECTIVES NON-REMEDIAL COURSES	8	Non-Business subject areas	
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	2

# MATHEMATICAL SCIENCES

## Recommendations/Notes:

- Although not required for transfer, students who graduated from high school in 2001 or later and have not completed two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
- Students are encouraged to complete the NOVA equivalent of the PSH Entry-to-Major requirements. For the Secondary Education option this includes: completing, with a grade of "C" or better, MATH 140 and 141, three (3) credits of college-level English literature, and three (3) credits of college-level English composition and maintain a 3.0 cumulative GPA. For students selecting the General option, the NOVA equivalent of the PSH Entry-to-Major requirements includes MATH 140 GQ(4) and MATH 141 GQ(4)
- Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 C (GWS)	3	[] ENG 111 (GWS)	3
	3	[] ENG 115 (GWS)	3
	3	[] CST 110 (GWS)	3
SPEECH CAS 100 (GWS)	3	[] CST 110 (GWS)	3
QUANTIFICATION (GQ) * MATH 140 (GQ) * MATH 141 (GQ)	4	[] MTH 173 (GQ)	5
	4	[] MTH 174 (GQ)	5
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) [] Consider taking a course to satisfy recommendation #3 above	3
	3	[]	3
	3	[]	3
HUMANITIES (GH) *Secondary Ed students take 3 credits in English Literature	3	SELECT COURSES FROM GH TABLE (see below) []	3
	3	[] Consider taking a course to satisfy recommendation #3 above	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) [] Consider taking a course to satisfy recommendation #3 above	3
	3	[]	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) [] Consider taking a course to satisfy recommendation #3 above	3
	3	[]	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) []	1
	1	[]	1
	1	[]	1
COMPUTER SCIENCE CMPSC 121	3	[] CSC 201	4
ADOLESCENT DEVELOPMENT HD FS 239 (Secondary Ed. Option only)	3	[] PSY 236	3
ADDITIONAL MATH MATH 220 MATH 230 MATH 250 (Secondary Ed. Option only)	2	[] MTH 285	3
	4	[] MTH 277	4
	3	[] MTH 291	3

# MATHEMATICAL SCIENCES

## Secondary Education Option

### Recommendations/Notes:

- Although not required for transfer, students who graduated from high school in 2001 or later and have not completed two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot counted towards the completion of a baccalaureate degree.
- Students are encouraged to complete the NOVA equivalent of the PSH Entry-to-Major requirements. For the Secondary Education option this includes: completing, with a grade of "C" or better, MATH 140 and 141, three (3) credits of college-level English literature, and three (3) credits of college-level English composition and maintain a 3.0 cumulative GPA. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 C (GWS)	3	[ ] ENG 111 (GWS)	3
SPEECH CAS 100 (GWS)	3	[ ] ENG 115 (GWS)	3
	3	[ ] CST 110 (GWS)	3
QUANTIFICATION (GQ) * MATH 140 (GQ) * MATH 141 (GQ)	4	[ ] MTH 173 (GQ)	5
	4	[ ] MTH 174 (GQ)	5
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
	3	[ ]	3
HUMANITIES (GH) <i>*Select 3 credits in English Literature</i>	3	SELECT COURSES FROM GH TABLE (see below) [ ]	3
	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
SOCIAL SCIENCE (GS) HDFS 239	3	SELECT COURSES FROM GS TABLE (see below) [ ] PSY 236	3
	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECET COURSES FROM GHA TABLE (see below) [ ]	1
	1	[ ]	1
	1	[ ]	1
COMPUTER SCIENCE CMPSC 121	3	[ ] CSC 201	4
EDUCATIONAL PSYCHOLOGY EDPSY 014	3	[ ] PSY 245	3

ADDITIONAL MATH	2	<input type="checkbox"/> MTH 285	3
MATH 220	4	<input type="checkbox"/> MTH 277	4
MATH 230	3	<input type="checkbox"/> MTH 291	3
MATH 250			
A detailed description of the complete program is available at <a href="http://php.scripts.psu.edu/dept/iiit/hbg/Programs/Undergraduate/MathScience.php">http://php.scripts.psu.edu/dept/iiit/hbg/Programs/Undergraduate/MathScience.php</a>			

\* Entry-to-Major Requirements (ETM)

# MECHANICAL ENGINEERING

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
ENGL 202C (GWS)	3	<input type="checkbox"/> ENG 115 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) MATH 140*	4	<input type="checkbox"/> MTH 173 (GQ)	5
MATH 141*	4	<input type="checkbox"/> MTH 174 (GQ)	5
NATURAL SCIENCE (GN) PHYS 211 (GN)*	4	<input type="checkbox"/> PHY 201 (GN)	4
PHYS 212 (GN)	4	<input type="checkbox"/> PHY 202 (GN)	4
CHEM 110 & 111 (GN)*	4	<input type="checkbox"/> CHM 111 (GN)	4
HUMANITIES (GH)		SELECT COURSES FROM GH TABLE (see below)	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)		SELECT COURSES FROM GA TABLE (see below)	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS) ECON 102 or 104 (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/> ECO 201 or 202 (GS)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
HEALTH & PHYSICAL ACTIVITY (GHA)		SELECT COURSES FROM GHA TABLE (see below)	
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1

# MECHANICAL ENGINEERING TECHNOLOGY

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
ENGL 202C (GWS)	3	<input type="checkbox"/> ENG 115 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
<b>QUANTIFICATION (GQ)</b> MATH 140	4	<input type="checkbox"/> MTH 173 (GQ)	5
MATH 141 or STAT 200	4	<input type="checkbox"/> MTH 174 or 157 (GQ)	5
<b>NATURAL SCIENCE (GN)</b> PHYS 150 or 211	3-4	<input type="checkbox"/> PHY 201 (GN)	4
PHYS 151 or 212	3-4	<input type="checkbox"/> PHY 202 (GN)	4
CHEM 110 and 111	4	<input type="checkbox"/> CHM 111	4
<b>HUMANITIES (GH)</b>		<b>SELECT COURSES FROM GH TABLE (see below)</b>	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
<b>ARTS (GA)</b>		<b>SELECT COURSES FROM GA TABLE (see below)</b>	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
<b>SOCIAL SCIENCE (GS)</b>		<b>SELECT COURSES FROM GS TABLE (see below)</b>	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
<b>HEALTH &amp; PHYSICAL ACTIVITY (GHA)</b>		<b>SELECT COURSES FROM GHA TABLE (see below)</b>	
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
<b>ENGINEERING GRAPHICS:</b> EDSGN 100	3	<input type="checkbox"/> CAD 152	3
<b>STATICS:</b> E MCH 211	3	<input type="checkbox"/> EGR 240	3
<b>DYNAMICS:</b> E MCH 212	3	<input type="checkbox"/> EGR 245	3
<b>STRENGTH OF MATERIALS:</b> E MCH 213	3	<input type="checkbox"/> EGR 246	3
<b>ELECTRICAL CIRCUITS/LAB</b> EET 101 AND 109	4	<input type="checkbox"/> EGR 251 AND <input type="checkbox"/> EGR 255	4

# NURSING

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. The B.S. Nursing degree is designed for Registered Nurses with either an associate degree or a diploma from a nursing school. Students can have up to 33 previous nursing credits from their basic nursing program evaluated and utilized in this program if they meet criteria established by the School of Nursing. The Program Coordinator can provide details regarding this process.
3. After having completed all other General Education, electives, and major requirements, and assuming the 33 Nursing credits have been granted, the remaining 28 credits may be completed on a part-time basis.
4. Students are required to have completed MTH 151 at NOVA or two years of algebra and one year of geometry in high school.

The evaluation of previous college coursework is done on an individual basis by the School of Nursing at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS)	3	[ ] ENG 111 (GWS)	3
ENGL 202 A-D (GWS)	3	[ ] ENG 112 or 115 or 116 (GWS)	3
SPEECH CAS 100 (GWS)	3	[ ] CST 110 (GWS)	3
QUANTIFICATION (GQ) STAT 200 (GQ)	4	SELECT COURSES FROM GQ TABLE (see below) [ ] MTH 157 (GQ)	4
	3	[ ]	3
NATURAL SCIENCE (GN) BIOL 141 and 142 (GN)	4	[ ] BIO 141 (GN)	4
BIOL 129 (GN)	4	[ ] BIO 142 (GN)	4
CHEM 110 & 111 (GN)	4	[ ] CHM 111 (GN)	4
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) [ ]	3
	3	[ ]	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) [ ]	3
	3	[ ]	3
SOCIAL SCIENCE (GS) PSYCH 100 (GS)	3	[ ] PSY 201 (GS)	3
SOC 001 or 005	3	[ ] SOC 200 or 268	3
HUMAN DEVELOPMENT HD FS 129	3	[ ] PSY 231	3
MICROBIOLOGY MICRB 106 AND 107	4	[ ] BIO 205	4



# POLITICAL SCIENCE

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS) SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ)	3	SELECT COURSES FROM GQ TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> <i>Major requires one laboratory science class</i>	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> <i>Consider taking a course to satisfy recommendation #2 above</i>	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
FOREIGN LANGUAGE <i>All credits must be in same language</i>	12	<input type="checkbox"/>	4
		<input type="checkbox"/>	4
		<input type="checkbox"/>	4
PRESCRIBED COURSES	3	<input type="checkbox"/> PLS 135	3
	3	<input type="checkbox"/> PLS 140	3
	3	<input type="checkbox"/> PLS 241	3

ELECTIVES	18	[ ]	3
		[ ]	3
		[ ]	3
		[ ]	3
		[ ]	3
		[ ]	3

# PSYCHOLOGY

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 (GWS)	3	<b>REQUIRED COURSES FROM GWS TABLE</b>	3
	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 112 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ)	3	<b>SELECT COURSES FROM GQ TABLE (see below)</b>	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN) BI SC 004	3	<b>SELECT COURSES FROM GN TABLE (see below)</b>	4
	3	<input type="checkbox"/> BIO 141	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
HUMANITIES (GH)	3	<b>SELECT COURSES FROM GH TABLE (see below)</b>	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
ARTS (GA)	3	<b>SELECT COURSES FROM GA TABLE (see below)</b>	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
SOCIAL SCIENCE (GS)	3	<b>SELECT COURSES FROM GS TABLE (see below)</b>	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	<b>SELECT COURSES FROM GHA TABLE (see below)</b>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
PRESCRIBED COURSES PSYCH 100 STAT 200	3	<input type="checkbox"/> PSY 201	3
	4	<input type="checkbox"/> MTH 157	4
ELECTIVES	9	<b>NON-REMEDIAL COURSES</b>	
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

# PUBLIC POLICY

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 A-D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 112 or 115 or 116 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ)	3	SELECT COURSES FROM GQ TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) <input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) <input type="checkbox"/>	3
	3	<input type="checkbox"/>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) <input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
<b>PRESCRIBED COURSES</b> 6 credits may also apply to General Education requirements			
ECON 002 (GS)	3	<input type="checkbox"/> ECO 202	3
ECON 004 (GS)	3	<input type="checkbox"/> ECO 201	3
PL SC 001 (GS)	3	<input type="checkbox"/> PLS 135	3
ELECTIVES	16	<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	1

# SCIENCE

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are encouraged to complete the NOVA equivalent of the PSH Entry-to-Major requirements with a grade of C or better. For the Science major this includes MATH 140 and at least two of the following courses: BIOL 110, CHEM 110, PHYS 211, or PHYS 250.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
4. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 C (GWS)	3	[ ] ENG 111 (GWS)	3
	3	[ ] ENG 115	3
SPEECH CAS 100 (GWS)	3	[ ] CST 110 (GWS)	3
QUANTIFICATION (GQ) MATH 140 (GQ)* MATH 141 (GQ)	4	[ ] MTH 173 (GQ)	5
	4	[ ] MTH 174 (GQ)	5
NATURAL SCIENCE (GN) CHEM 110 & 111* CHEM 112 & 113 BIOL 110*	4	[ ] CHM 111	4
	4	[ ] CHM 112	4
	4	[ ] BIO 101	4
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below) [ ]	3
	3	[ ]	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below) [ ]	3
	3	[ ]	3
SOCIAL SCIENCE (GS)	3	SELECT COURSES FROM GS TABLE (see below) [ ]	3
	3	[ ]	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) [ ]	1
	1	[ ]	1
	1	[ ]	1
FOREIGN LANGUAGE <small>All credits must be in one language-- Major requires foreign language proficiency to the 8th credit level. Proficiency can be met with college course work to the level of the second semester or by 4 years of consecutive high school foreign language.</small>	4	[ ]	4
	4	[ ]	4
OTHER CHEMISTRY <i>Life Science option only</i> CHEM 202 or 210 (Organic I)      CHEM 203 or 212 (Organic II)	4	[ ] CHM 241	4
	4	[ ] CHM 242	4
OTHER QUANTIFICATION CMPSC 121, MATH 230, MATH 250, <u>OR</u> STAT 200	3-4	[ ] CSC 201 <u>or</u> MTH 157, 277, or 291	3-4

PHYSICS PHYS 211, 212, 213, & 214* or 211, 212, 250. & 251*	12	[ ] PHY 201 and [ ] PHY 202	8
MICROBIOLOGY: MICRB 201	3	[ ] BIO 205	4

# SECONDARY EDUCATION ENGLISH

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot counted be towards the completion of a baccalaureate degree.
2. Students are encouraged to complete the NOVA equivalent of the PSH Entry-to-Major requirements. For the Secondary Education English Option this includes: six credits of college-level Mathematics (MATH or STAT prefixes), three credits of college level English literature, and three credits of English composition.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) * ENGL 202 A-D (GWS)	3	[] ENG 101 (GWS)	3
SPEECH CAS 100 (GWS)	3	[] ENG 112 or 115 or 116 (GWS)	3
	3	[] CST 110 (GWS)	3
QUANTIFICATION (GQ) *	3	SELECT COURSES FROM GQ TABLE (see below)	3
	3	[]	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below)	3
	3	[] #3 above <i>Consider taking a course to satisfy recommendation</i>	3
	3	[]	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below)	3
	3	[] #3 above <i>Consider taking a course to satisfy recommendation</i>	3
	3	[]	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below)	3
	3	[] #3 above <i>Consider taking a course to satisfy recommendation</i>	3
	3	[]	3
SOCIAL SCIENCE (GS) HD FS 239	3	SELECT A COURSE FROM GS TABLE (see below)	3
	3	[] PSY 236	3
	3	[] #3 above <i>Consider taking a course to satisfy recommendation</i>	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below)	1
	1	[]	1
	1	[]	1
PRESCRIBED COURSES* BRITISH LITERATURE ENGL 221, 221W, 222, or 222W	3	[] ENG 243 or 244	3
AMERICAN LITERATURE ENGL 231, 231W, 232, or 232W	3	[] ENG 241 or 242	3
WORLD LITERATURE	3	[] ENG 251 or 252	3
AFRICAN-AMERICAN LITERATURE	3	[] ENG 253 or 254	3

EDUCATIONAL PSYCHOLOGY EDPSY 014	3	II PSY 245	3
A detailed description of the complete program is available at <a href="http://php.scripts.psu.edu/dept/iit/hbg/Programs/Undergraduate/English.php">http://php.scripts.psu.edu/dept/iit/hbg/Programs/Undergraduate/English.php</a>			

\* Required for Entrance-to-Major (ETM)



# SECONDARY EDUCATION SOCIAL STUDIES

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot counted towards the completion of a baccalaureate degree.
2. Students are encouraged to complete the NOVA equivalent of the PSH Entry-to-Major requirements. For the Secondary Education Social Studies major, this includes: completing, with a grade of "C" or better, six (6) credits of college-level mathematics or statistics (MATH prefix), three (3) credits of college-level English literature, and three (3) credits of college-level English composition. Students must maintain a 3.0 cumulative GPA.
3. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
<b>ENGLISH COMPOSITION</b> ENGL 015 or 030 (GWS) *	3	[ ] ENG 111 (GWS)	3
ENGL 202 A-D (GWS)	3	[ ] ENG 112 or 115 or 116 (GWS)	3
<b>SPEECH</b> CAS 100 (GWS)	3	[ ] CST 110 (GWS)	3
<b>QUANTIFICATION (GQ) *</b> Select 6 credits : MATH 017, 018, 021, 022, 026, 030, 035, 036, 040, 200, 220, STAT 100 or STAT 200	3-4	[ ] MTH 151, 157, 163, 164, 166, 173, 174, 181, or 182	3-5
	3-4	[ ] MTH 151, 157, 163, 164, 166, 173, 174, 181, or 182	3-5
<b>NATURAL SCIENCE (GN)</b> BI SC 003	3	<b>SELECT COURSES FROM GN TABLE (see below)</b> [ ] BIO 107	4
	3	[ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
<b>HUMANITIES (GH)</b> HIST 020 HIST 021	3	[ ] HIS 121	3
	3	[ ] HIS 122	3
<b>ARTS (GA)</b>	3	<b>SELECT COURSES FROM GA TABLE (see below)</b> [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
	3	[ ]	3
<b>SOCIAL SCIENCE (GS)</b> ECON 102 ECON 104	3	[ ] ECO 202	3
	3	[ ] ECO 201	3
<b>LITERATURE *</b>	3	<b>SELECT A LITERATURE COURSE FROM GH TABLE</b> [ ] <i>Consider taking a course to satisfy recommendation #3 above</i>	3
<b>PRESCRIBED COURSES</b> GEOG 040 HIST 001 PL SC 001 PSYCH 100 SOC 001 EDPSY 014 HD FS 239	3	[ ] GEO 220	3
	3	[ ] HIS 101	3
	3	[ ] PLS 135	3
	3	[ ] PSY 201	3
	3	[ ] SOC 200	3
	3	[ ] PSY 245	3
	3	[ ] PSY 236	3

HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below) []	1
	1	[]	1
	1	[]	1
ELECTIVES	9	[]	3
		[]	3
		[]	3
A detailed description of the complete program can be found at: <a href="http://php.scripts.psu.edu/dept/it/hbq/Programs/Undergraduate/EdSocialStudies.php">http://php.scripts.psu.edu/dept/it/hbq/Programs/Undergraduate/EdSocialStudies.php</a>			

\*REQUIRED FOR ENTRANCE-TO-MAJOR (ETM)

# STRUCTURAL DESIGN & CONSTRUCTION ENGINEERING TECHNOLOGY

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202C (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
	3	<input type="checkbox"/> ENG 115 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ) MATH 140 (GQ) MATH 141 or STAT 200 (GQ)	4	<input type="checkbox"/> MTH 173 (GQ)	5
	4	<input type="checkbox"/> MTH 174 or 157(GQ)	4-5
NATURAL SCIENCE (GN) PHYS 150, 211, or 250 (GN) PHYS 151, 212, or 251 (GN) CHEM 110 & 111 (GN)	4	<input type="checkbox"/> PHY 201 (GN)	4
	4	<input type="checkbox"/> PHY 202 (GN)	4
	4	<input type="checkbox"/> CHM 111 (GN)	4
HUMANITIES (GH)		SELECT COURSES FROM GH TABLE (see below)	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)		SELECT COURSES FROM GA TABLE (see below)	
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS) ECON 102 or 104 or 014 (GS)		SELECT COURSES FROM GS TABLE (see below)	
	3	<input type="checkbox"/> ECO 201 or 202 (GS)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
ENGINEERING GRAPHICS: EDSGN 100	3	<input type="checkbox"/> CAD 152	3
STATICS: E MCH 211	3	<input type="checkbox"/> EGR 240	3
COMPUTER PROGRAMMING CMPSC 101, 121, 200, 201, or 202	3	<input type="checkbox"/> CSC 201	4
ACCTG 211 or MGMT 100 or 301	3-4	<input type="checkbox"/> ACC 211 and 212 OR BUS 200	3-6
STRENGTH OF MATERIALS: E MCH 213	3	<input type="checkbox"/> EGR 246	3
SURVEYING:	3	<input type="checkbox"/> CIV 171	3

# SECURITY AND RISK ANALYSIS

## Recommendations/Notes:

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 163 at NOVA or trigonometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS) ENGL 202 C or D (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> ENG 115 or 116 (GWS)	3
QUANTIFICATION (GQ) CMPSC 101 or 121 (GQ) STAT 200 (GQ)	3	<input type="checkbox"/> CST 110 (GWS)	3
	4	<input type="checkbox"/> CSC 201 (GQ)	4
	4	<input type="checkbox"/> MTH 157 (GQ)	4
NATURAL SCIENCE (GN) MICRB 106 and 107	4	SELECT COURSES FROM GN TABLE (see below)	4
	3	<input type="checkbox"/> BIO 205	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
HUMANITIES (GH) HIST 010 or 011 or RL ST 001	3	SELECT COURSES FROM GH TABLE (see below)	3
	3	<input type="checkbox"/> HIS 111 or 112 OR REL 231	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #3 above	3
SOCIAL SCIENCE (GS) ECON 102 (GS) PL SC 001 or 014 or GEOG 040	3	<input type="checkbox"/> ECO 202 (GS)	3
	3	<input type="checkbox"/> PLS 135 or 241 OR GEO 220	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below)	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
PSYCHOLOGY/SOCIOLOGY PSYCH 100 OR SOC 005	3	<input type="checkbox"/> PSY 201 OR SOC 268	3
LANGUAGE <i>*All credits must be in one language</i>	12	<input type="checkbox"/>	4
		<input type="checkbox"/>	4
		<input type="checkbox"/>	4
ACCOUNTING ACCTG 211	4	<input type="checkbox"/> ACC 211 AND <input type="checkbox"/> ACC 212	6
ELECTIVES	3	NON-REMEDIAL COURSES <input type="checkbox"/>	3

# SOCIOLOGY

**Recommendations/Notes:**

1. Although not required for transfer admission, students who graduated from high school in 2001 or later and have not completed the required two high school foreign language units must fulfill this high school requirement by completing one semester of a college level foreign language. This class is considered a high school foreign language requirement and cannot be counted towards the completion of a baccalaureate degree.
2. Students are strongly advised to complete 3 credits of United States Cultures (US) and 3 credits of International Cultures (IL) within their general education requirements. For this major, only 3 credits of either US or IL are required since an upper division requirement will fulfill either a US or IL equivalent.
3. Students are required to have completed MTH 151 at NOVA or 2 years of algebra and 1 year of geometry in high school.

The evaluation of all other prior college work is done on an individual basis by the Admissions Office at Penn State Harrisburg. Students should work closely with their academic adviser at NOVA and with Penn State Harrisburg for the most up-to-date information.

PENN STATE HARRISBURG COURSES	PSU Credits	NOVA COURSES (Please see the General Education Table below)	NOVA Credits
ENGLISH COMPOSITION ENGL 015 or 030 (GWS)	3	<input type="checkbox"/> ENG 111 (GWS)	3
ENGL 202 A (GWS)	3	<input type="checkbox"/> ENG 112 (GWS)	3
SPEECH CAS 100 (GWS)	3	<input type="checkbox"/> CST 110 (GWS)	3
QUANTIFICATION (GQ)	3	SELECT COURSES FROM GQ TABLE (see below)	3
	3	<input type="checkbox"/>	3
NATURAL SCIENCE (GN)	3	SELECT COURSES FROM GN TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
HUMANITIES (GH)	3	SELECT COURSES FROM GH TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
ARTS (GA)	3	SELECT COURSES FROM GA TABLE (see below)	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
	3	<input type="checkbox"/>	3
SOCIAL SCIENCE (GS) SOC 001	3	SELECT COURSES FROM GS TABLE (see below)	3
	3	<input type="checkbox"/> SOC 200	3
	3	<input type="checkbox"/> Consider taking a course to satisfy recommendation #2 above	3
HEALTH & PHYSICAL ACTIVITY (GHA)	1	SELECT COURSES FROM GHA TABLE (see below)	1
	1	<input type="checkbox"/>	1
	1	<input type="checkbox"/>	1
ELECTIVES	24	NON-REMEDIATION COURSES	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3
		<input type="checkbox"/>	3

## GENERAL EDUCATION TABLE

*Listed below are the NOVA courses that meet the General Education requirements for Penn State Harrisburg majors. This table may not be valid for other Penn State locations and is **NOT** all-inclusive. Students should consult PSH Admissions when determining transferability of NOVA courses not listed on this table.*

GENERAL ARTS (GA)					
ART 100	ART 106	ART 130	CST 130	CST 242	MUS 111
ART 101	ART 116	ART 131	CST 131	CST 250	MUS 112
ART 102	ART 117	ART 132	CST 132	CST 251	MUS 121
ART 103	ART 121	ART 135	CST 141	MUS 101	MUS 122
ART 104	ART 122	ART 140	CST 241	MUS 102	MUS 221
GENERAL HUMANITIES (GH)					
ENG 125	ENG 242	HIS 101	HIS 122	HIS 141	PHI 101
ENG 150	ENG 243	HIS 102	HIS 125	HIS 142	PHI 102
ENG 230	ENG 244	HIS 111	HIS 126	HUM 111	PHI 111
ENG 237	ENG 245	HIS 112	HIS 127	HUM 112	PHI 112
ENG 241	ENG 251	HIS 121	HIS 135	HUM 165	PHI 115
GENERAL NATURAL SCIENCES (GN)					
BIO 101	BIO 120	CHM 101	GEO 200	NAS 101	PHY 101
BIO 102	BIO 141	CHM 102	GOL 106	NAS 102	PHY 102
BIO 107	BIO 142	CHM 111	GOL 111	NAS 125	PHY 130
BIO 110	BIO 146	CHM 112	GOL 112	NAS 130	PHY 201
GENERAL SOCIAL AND BEHAVIORAL SCIENCES (GS)					
ADJ 100	GEO 220	PSY 100	PSY 126	SOC 200	SOC 215
ADJ 107	PLS 120	PSY 115	PSY 165	SOC 201	SOC 225
ECO 201	PLS 140	PSY 119	PSY 166	SOC 202	SOC 235
ECO 202	PLS 200	PSY 120	PSY 201	SOC 211	SOC 236
GEO 210	PLS 241	PSY 125	PSY 202	SOC 212	SOC 245
GENERAL QUANTIFICATION (GQ)					
CSC 201	MTH 116	MTH 152	MTH 164	MTH 174	MTH 200
CSC 202	MTH 150	MTH 157	MTH 166	MTH 181	MTH 241
MTH 115	MTH 151	MTH 163	MTH 173	MTH 182	MTH 242
GENERAL HEALTH AND PHYSICAL ACTIVITY (GHA)					
HLT 110	Any 3 credits of PED courses				