

CIVIL ENGINEERING

Transfer Guide for Penn State Harrisburg / College of Southern Maryland

College of Southern Maryland (CSM) and Penn State Harrisburg (PSH) have established this transfer guide so that students have a clear idea about the course work that they should complete in order to best transfer into a Bachelor's Degree in Civil Engineering at Penn State Harrisburg.

The Civil Engineering program at Penn State Harrisburg is designed to provide the basic undergraduate education required for private and public service in civil engineering, and/or continue formal education. Emphasis is placed on the fundamentals of civil engineering, principles, and design techniques. The program requirements enable students to focus on one of following concentration areas: construction, environmental, general, or structural. Study through these areas may lead to opportunities as structural designers for buildings and infrastructures, project engineers for construction projects, or representatives for owners or contractors. Employers include consulting firms, contractors, industry, and governments. **The Civil Engineering program @ PSH is fully accredited by ABET.**

For the B.S. degree in Civil Engineering, a minimum of 130 credits is required.

Apply online at <http://admissions.psu.edu/>

Admission Requirements:

1. Before transferring, CSM students generally complete most of their first two years of college. A minimum of 18 credits are required to be considered for transfer to PSH.
2. Students are also required to have a minimum cumulative grade point average of 2.0 (on a 4.0 scale). *GPA's are recalculated to include all courses and grades, including all repeated courses, from all colleges/universities previously attended.*
3. Students are required to have completed MTH 1130 or higher at CSM or trigonometry or higher from high school.

Recommendations/Notes:

1. Although not required for transfer, students who graduated from high school in 2001 or later and have not completed the required two high school world language units (same language) must fulfill this high school requirement by completing one semester of a college level world language. This class is considered a high school world language requirement and also counts toward the completion of a baccalaureate degree.
2. 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 CSM and with Penn State Harrisburg for the most up-to-date information.

<u>PSH COURSES</u>	<u>PSH Credits</u>	<u>CSM COURSES</u>	<u>CSM Credits</u>
ENGLISH COMPOSITION			
ENGL 15 (GWS)	3	[] ENG 1010 (GWS)	3
ENGL 202C (GWS)	3	[] ENG 2050 (GWS)	3
SPEECH			
CAS 100 (GWS)	3	[] COM 1010 OR COM 1650 (GWS)	3
QUANTIFICATION (GQ)			
MATH 140*	4	[] MTH 1200 (GQ)	4
MATH 141*	4	[] MTH 1210 (GQ)	4
NATURAL SCIENCE (GN)			
PHYS 211 (GN)*	4	[] PHY 1210 AND [] PHY 1210L OR [] PHY 1310 (GN)	4
PHYS 212 (GN)	4	[] PHY 2200 AND [] PHY 2200L OR [] PHY 2300 (GN)	4
CHEM 110 & 111 (GN)*	4	[] CHE 1200 AND [] CHE 1200L (GN)	4
HUMANITIES (GH)			
	3	[]	3
	3	[]	3
ARTS (GA)			
	3	[]	3
	3	[]	3
SOCIAL SCIENCE (GS)			
ECON 102 OR 104 (GS)	3	[] ECN 2020 OR 2025 (GS)	3
	3	[]	3
HEALTH & WELLNESS (GHW)			
	1	[]	1
Construction concentration students must take CE 254 @ PSH	1	[]	1
	1	[]	1
A detailed description of the Civil Engineering program is available at https://bulletins.psu.edu/undergraduate/colleges/capital/civil-engineering-bs/			

*Entrance-to-Major requirements

MATRICES: MATH 220	2	[] MTH 2220	4
ENGINEERING GRAPHICS: EDSGN 100	3	[] EGR 1100	3
STATICS: E MCH 211	3	[] EGR 1210	3
DYNAMICS: E MCH 212	3	[] EGR 2210	3
COMPUTER PROGRAMMING CMPSC 121 OR 201 OR 202	3	[] ITS 1390 OR CSC 1390 OR CSC 2020	4
DIFFERENTIAL EQUATIONS: MATH 251	4	[] MTH 2210	4
PHYSICAL GEOLOGY: GEOSC 1	3	[] GEO 1010	3