

**HARRISBURG AREA COMMUNITY COLLEGE (HACC) & MILLERSVILLE UNIVERSITY (MU)**

**Transfer Advising Guide For Mathematics AS #4076 at HACC  
TO BS/BSE Mathematics at MILLERSVILLE UNIVERSITY**

<b>HACC COURSE</b>	<b>CRS.</b>	<b>MILLERSVILLE UNIV. EQUIV. COURSE / AREA REQUIREMENT SATISFIED</b>	<b>CRS.</b>
<b>General Education Requirements</b>			
ENGL 101 English Composition I	3	ENGL 110 (FLL)	3
ENGL 102 English Composition II or ENGL 104 Technical Writing	3	ENGL 11X (G1) or ENGL 14X (G1)	3
COMM 101 Effective Speaking	3	COMM 100 (FLL)	3
Hum. & Arts Elective: see suggested list on website	3	G1	3
Soc. & Beh. Sci. Elective: see suggested list on website	3	G3	3
First-Year Seminar Elective: FS 100, 101, 103 (3 cred – suggested) or 102 (1 cred)	1	UNIV 1XX (FYS C&E)	1
PE/Wellness Course PE 201 or HLTH 101 (3cr.)	3	WELL 175 (C&E)	3
Transfer Electives (see below for suggestions)	17		17
<b>Major Requirements</b>			
CPS 121 Computer Science I: Intro to Programming	3	CSCI 161 (G2, required related for major)	3
MATH 121 Calculus I	4	MATH 161 (major requirement)	4
MATH 122 Calculus II	4	MATH 211 (major requirement)	4
MATH 125 Discrete Mathematics	3	CSCI 140 (required related for major)	3
MATH 221 Calculus III	4	MATH 311 (major requirement)	4
MATH 220 Linear Algebra OR MATH 222 Differential Equations	4	MATH 322 (major requirement) OR MATH 365 (major requirement for BS, major elective choice for BSE)	4
PHYS 211 Physics for Engineers I	4	PHYS 231 (G2, required related for major)	4
Additional suggested electives for transfer (or see notes below for other Gen Ed options):			
MATH 220 or 222 (whichever not taken above)	4	MATH 322 or 365 (major req. or major elect. for BSE)	4
CPS 230 Object-Oriented Programming	3	CSCI 162 (required related for BS major)	3
PHYS 212 Physics for Engineers II	4	PHYS 232 (G2, required related for BS major)	4
CHEM 101 General Inorganic Chemistry I	4	CHEM 111 (G2, required related option for BS major)	4
CHEM 102 General Inorganic Chemistry II	4	CHEM 112 (G2, required related option for BS major)	4
<b>PROGRAM TOTAL CREDITS</b>	<b>60</b>	<b>TRANSFERABLE CREDITS</b>	<b>60</b>

**Transfer Elective Suggestions/Advising Notes:**

- See list of Humanities & Arts or Social & Behavioral Sciences electives for additional General Education options (refer to Overview of MU General Education on reverse side of this sheet + list of suggestions on website)

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TRANSFER GUIDE

**Overview of Millersville University's General Education Program**

The General Education Program at Millersville University is approximately 48 (forty-eight) of the credit hours required for graduation.

Foundations for Lifelong Learning (FLL) 12 credits

- This specific set of courses is required to be completed by all students
- ENGL 110, COMM 100, College Level Math, Advanced Writing ENGL 31X

Connections and Explorations (C&E) 9 credits

- UNIV 103 First-Year Seminar OR Elective (1 course – 3 credits)
- Perspectives course (1 course – 3 credits)
- Wellness/Health Education WELL 175 or WELL 240 (1 course – 3 credits)

Critical Thinking Across the Liberal Arts (G-blocks)

Note: Three of the courses in the G-blocks must be 200+ Level or higher (200+)

G1 Humanities and Fine Arts (3 courses – 9 credits)

G2 Science and Mathematics (3 courses – 9 credits)

G3 Social Sciences (3 courses – 9 credits)

**NOTES (IMPORTANT, PLEASE READ)**

1. Additional transfer credits may be taken at HACC for transfer to Millersville. Please speak with your advisor and/or the MU transfer advisor for advisement on additional coursework.
2. 0-Level courses **do not** count toward graduation requirements and **will not transfer**.
3. Courses for Millersville University have been selected by joint agreement of HACC and MU. However, curricula are subject to change. This guide should be used with the assistance of a HACC Counselor/Advisor. Following the guide does not guarantee transfer of credit or admission into Millersville University. Please speak with your advisor and/or the MU transfer admissions counselor if you have any questions.
4. Minimum GPA for students with 60 credits or more is 2.0.
5. **Recommended** Application Dates: MU has rolling admission; however, students are advised to apply by March for a Fall start at MU and by October for a Spring start at MU. **This is to allow an ideal timeline.**

Based on AS Advising Sheet #4076 (2/2021)

**FOR FURTHER INFORMATION CONTACT:**

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<http://www.millersville.edu/admissions/undergrad/transfer/index.php>