

Transfer Institution: **MILLERSVILLE UNIVERSITY**MATHEMATICS (#4070) AA at HACC (**Prior to Fall 2018**)

This check sheet meets the requirements for the AA Degree in Mathematics from HACC and admission with Junior status in the **Mathematics (BA/BS/BSEd)** at Millersville University. You **MUST** follow the recommended courses if you wish to transfer with no loss of credits. The MU requirements and equivalents are within the parenthesis to the right, i.e. (**Foundations – 1**). **Education majors are strongly encouraged to complete the PAPA Test prior to 45 credits.** Course numbers that are **underlined** on the right hand column meet upper level requirements at MU. Courses that are in bold meet “writing” (W) requirements at MU. It is important to take these courses as part of your major at HACC.

**HACC Diversity requirement (3 cr) is fulfilled by courses designated with (D). They are not equivalent to MU Diversity courses.**

_____ ENGL 101 _____	( <b>Foundations - 1</b> )
_____ ENGL 102 _____	( <b>G1.1</b> )
_____ COMM 101 _____	( <b>Foundations - 2</b> )
_____ Core A _____	( <b>G1.2</b> ) ART <u>181(D)</u> , <u>182(D)</u> , ENGL <u>201-207</u> , HUM <u>201(D)</u> , <u>202</u> , MUS 102, 104(D), PHIL 101, <u>102</u> , <u>200(D)</u> , <u>225</u> , THTR 101
_____ Core B _____	( <b>G3.1</b> ) ANTH <u>101</u> , 205(D), HIST <b>101 (D)</b> , 107, PSYC 101, <b>213</b> , SOCI <b>202(D)</b> , <u>203 (D)</u> , <u>205(D)</u> (ECON 201 and 202 required for Actuarial Science at MU).
_____ Core B _____	( <b>G3.2</b> ) select from above <b>G3.1</b> list above or PSYC 101 required for <b>BSEd majors</b>
_____ Core C - MATH 121 _____	( <b>Foundations - 3 &amp; Major Requirement</b> ) MATH 121 & 122 are both required for MU Math majors
_____ Core C - MATH 122 _____	( <b>Major Requirement.</b> )
_____ Core C - PHYS 211 _____	( <b>G2.1 &amp; Major Requirement</b> )
_____ CPS 115, 121, 135 _____	( <b>G2.2 &amp; Major Requirement</b> ) CPS 121 required for BS and BSE
_____ MATH 125 _____	( <b>Major Elective</b> )
_____ MATH 220 _____	( <b>Major Requirement</b> )
_____ MATH 221 _____	( <b>Major Requirement</b> )
_____ MATH 222 _____	( <b>Major Requirement [BS] / Elective [BA/BSE]</b> )
_____ PHYS 212 _____	( <b>G2.3 &amp; Major Requirement for BS Applied Math</b> )
_____ Program Elective _____	( <b>Elective</b> ) BIOL 101, 102, 201 CHEM 101, 102, GEOL 101, 102
_____ Program Elective _____	( <b>Major Requirement</b> ) CPS 230
_____ Gen Ed Transfer Elective _____	( <b>C&amp;E</b> ) HLTH 101 (if PE 201 not taken); or select from Transfer Electives section below.
_____ PE & Wellness _____	( <b>1 cr. (W) is required for AA at HACC</b> ) PE 201 (3 cr.) recommended to satisfy C&E MU requirement.

**Additional courses that may be taken at HACC to transfer to MU (AFTER completion of AA Degree). *Note: doing so may affect your financial aid. Please consult with the Office of Financial Aid at HACC and MU.***

_____ Trans Elective _____	( <b>G1.3</b> ) ENGL <u>201-207</u> (required for BSE) or see G1.2 list above.
_____ Trans Elective _____	( <b>G3.3</b> ) Select from G3.1 list above

**Special Notes:**

1. Courses for Millersville University have been selected by joint agreement of HACC and MU based on current academic year. Curricula are subject to change. It is the students' responsibility to speak with their advisor for any changes or updates
2. 0-level courses do **not** count toward graduation credits and they do **not** transfer.
3. Admissions is competitive so apply **early**: Fall application recommended deadline - Feb 1 (must include transcript)  
Spring application recommended deadline - Sept 1 (must include transcript)
4. Students are required to have a C grade or better in Mathematics courses. Minimum GPA for Education Majors: 3.0.
5. **Recommended for BSE major: ENG 201-207** (select one), **PSYC 101 and PSYC 212**
6. Admission to MU's Education Advanced Professional Studies is not granted automatically. Students must successfully complete the PAPA Test and meet other curriculum requirements before they can be admitted to the Education Advanced Professional Studies block at MU. **It is strongly suggested that you complete the PAPA prior to 45 credits.** Students must also have satisfactory Act 34 (Criminal Record Check), Act 114 (FBI Fingerprint), and Act 151 (Child Abuse) reports.
7. Admissions Office: 1-800-MUADMIT or 717-871-4625
8. Financial Aid Office: 717-871-5100
9. Resident Life: 717-871-4200
10. Millersville Mathematics Advisor: 717-871-7668
11. Website: College - <http://www.millersville.edu/admissions/undergrad/transfer/index.php>  
Departmental - <http://www.millersville.edu/math/>

## **Millersville Gen Ed vs HACCC Core Lists**

This list shows HACCC courses that are transferable to MU. It shows the most efficient way (courses that meet more than one requirement at MU) to use them in the \* lists below. Underlined courses represent “200 level” courses for MU (minimum 3 required for graduation from MU). While all 200-level may not be needed to transfer into MU, it is wise to take them while you have the opportunity.

**MU Foundations (12 credits):** ENGL 101 (MU ENG 110); COMM 101; (MU COMM 100); 3 credits of MATH (110, 111, 113, 114, 119, 121, 122, 202)

---

**MU Connections and Explorations (9 credits):** HLTH 101 (MU Wellness 175) or PE 201, 1 elective and 1 Perspective course (COMM 253 or must be taken at MU).

---

**MU G1 {9 credits} maximum of 2 from 1 department:** ARCH 101, 102, 121, 201, 202, 221, ART 105, 121, 151, 152, 161, 171, 181, 182, 183, 184, 185, 186, 187, 188, COMM 110, 120, 171, 172, 201, 203, 211, 271 ENGL 102, 107, 108, 201, 202, 203, 204, 205, 206, 207, 217, 247, 265, 267, 269, 274, 278, 279, 288 Foreign Lang 101, 102, 201, 202, HUM 101\*, 104\*, **110\***, 114, 115\*, 116, 201, 202, 216, 228, 229, 282, MCOM 101, MUS 102, 103, 104, 110, 201, 202, PHIL 101, 102, 200, **215, 225**, THTR 101, 110, 111, 224

**MU G1 that are HACCC Core A:** ART 181, 182, 188, ENGL 201, 202, 203, 204, 205, 206, 207, 217 Foreign Lang 101, 102, 201, 202, HUM 101\*, 115\*, 201, MUS 102, 104, PHIL 101, 102, 200, 225, THTR 101

\*These HUM courses transfer to MU as Art (no more than 2 Art courses allowed in G1 at MU).

---

**MU G2 {9 credits} maximum of 2 from 1 department:** ASTR 103, 104, BIOL 103, 108, 111, 112, 130, 201, 202, 212, 225, CHEM 100, 101, 102, 113, 200, 202, 203, 204, CIS 100, 105, 110, 120, 238, 244, CPS 103, 115, 116, 121, 135, 141, 161, 162, 282, ENVS 201, GEOL 101, 102, 201, MATH 110, 111, 113, 114, 119, 121, 122, 125, 202, 220, 221 METR 101, PHSC 113 (transfers to MU as Physics), 114 (transfers to MU as Earth Science), PHYS 201, 202, 211, 212, 215, WEB 141

**MU G2 that are HACCC Core C:** ASTR 103, 104, BIOL 103, 108, 111 CHEM 100, 101, 113, ENVS 201, GEOL 101, 102, 201, MATH 110, 111, (113, 114, Elem Ed majors only), 119, 121, 122, 202, METR 101, PHSC 113 (transfers to MU as Physics), 114 (transfers to MU as Earth Science), PHYS 201, 202, 211

**MU G2 that are Lab:** ASTR 103, 104, BIOL 101, 102, 108, 111, 112, 130, 201, 202, 212, 225, 230, 245, CHEM 100, 101, 102, 113, 200, 202, 203, 204, ENVS 201, GEOL 101, 102, 201, METR 101, PHSC 113 (transfers to MU as Physics), 114 (transfers to MU as Earth Science), PHYS 201, 202, 211, 212

**\*MU G2 that are HACCC Core C and Lab:** ASTR 103, 104, BIOL 108, 111, CHEM 100, 101, 113, ENVS 201, GEOL 101, 102, 201, METR 101, PHSC 113 (transfers to MU as Physics), 114 (transfers to MU as Earth Science) PHYS 201, 202, 211

---

**MU G3 {9 credits} maximum of 2 from 1 department:** ANTH 101, 201, 205, 210, 212, 215, 220, ARCH 293, 295, 297, BUSI 200, 201, 202, 209, CJ 101, 106, 108, 110, 209, 210, 211, 215, ECON 201, 202, FIN 202, GEOG 101, 201, 230, GP 201, 202, 205, 208, HIST 101, 102, 103, 104, 107, 110, 111, 120, 161, 201, 202, 205, 210, 218, 219, 220, 221, HUM 113, HUMS 120, MGMT 201, PSYC 101, 209, 211, 212, 213, 216, 232, SOCI 120, 201, 202, 203, 205, 211

**MU G3 that are HACCC Core B:** ANTH 101, 201, 205, ECON 201, 202, GEOG 201, 230, GP 201, 202, HIST 101, 102, 103, 104, 107, 201, 202, PSYC 101, 213, SOCI 201, 202, 203, 205