

Transfer Institution: **MILLERSVILLE UNIVERSITY**

MATHEMATICS-COMPUTER SCIENCE (#4030) AA at HACC (Prior to Fall 2018)

This check sheet meets the requirements for the AA Degree in Mathematics/Computer Science from HACC and admission with Junior status in the **BS in Computer Science** Millersville University. You **MUST** follow the recommended courses if you wish to transfer with no loss of credits. The MU requirements and equivalents are the bold, underlined notations within the parenthesis, i.e. (**Foundations - 1**). **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**

_____ ENGL 101 _____	( <b>Foundations - 1</b> )
_____ ENGL 102 or 104 _____	( <b>G1.1</b> )
_____ COMM 101 _____	( <b>Foundations - 2</b> )
_____ Core A _____	( <b>G1.2</b> ) ART 181(D), 182(D), HUM 201(D), 202, MUS 102, 104(D), PHIL 101, 102, 200(D), <u>225, THTR 101</u>
_____ Core B _____	( <b>G3.1</b> ) ANTH 101, 205(D), HIST <u>101(D)</u> , 107, PSYC 101, <u>213</u> , SOCI 205(D), <u>202(D)</u> , 203(D), <u>205(D)</u>
_____ Core B _____	( <b>G3.2</b> ) Select from above <b>G3.1</b> list above
_____ Core C - MATH 121 _____	( <b>Foundations - 3</b> ) MATH 121 & 122 are both required for MU CS majors
_____ Core C - MATH 122 _____	( <b>Major Requirement</b> )
_____ CIS 110 or CNT 120 _____	( <b>Elective</b> )
_____ CPS 121 _____	( <b>Major Elective</b> )
_____ CPS 161 _____	( <b>Required for competency in the major</b> ) [must pass with a "C" grade or better;]
_____ CPS 162 _____	( <b>Major requirement</b> )
_____ CPS 230 _____	( <b>Major Elective</b> )
_____ MATH 125 _____	( <b>Major Elective with MU Department permission</b> )
_____ MATH 202 _____	( <b>Major Requirement if AA earned</b> )
_____ MATH 220 _____	( <b>G2.1 &amp; Major Requirement</b> )
_____ Program Elective _____	( <b>G2.2 &amp; Major Requirement</b> ) BIOL 101, 102, CHEM 101, 102, GEOL <u>101, 102</u> , PHYS 201, 202, <u>211, 212</u>
_____ Program Elective _____	( <b>G2.3 &amp; Major Requirement</b> ) See G2.2 list above.
_____ Transfer Elective _____	( <b>G3.3</b> ) ANTH 101, <u>205(D)</u> , <u>210</u> , <u>212</u> , CJ <u>108</u> , GP <u>205</u> , HIST <u>101(D)</u> , 107, <u>111</u> , <u>161</u> , <u>218</u> , MGMT <u>201</u> , PSYC <u>209</u> , <u>212</u> , <u>213</u> , SOCI <u>202(D)</u> , 203(D), <u>205</u>
_____ 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.***

_____ Transfer Elective _____	( <b>C&amp;E</b> ) Health 101 (if PE 201 not taken); or any course from any category on page 2.
_____	( <b>G1.3</b> ) ART 181(D), <u>183</u> , HUM 201(D), PHIL <u>200(D)</u> , <u>225</u> , THEA 101

**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) Courses for Millersville University have been selected by joint agreement of HACC and MU. However, curricula are subject to change and it is in your best interest to speak with your advisor and/or the MU transfer advisor if you have any questions.
- 4) Admissions is competitive so apply early: Fall application recommended deadline - Feb 1 (must include transcript)  
Spring application recommended deadline - Sept 1 (must include transcript)
- 5) Minimum GPA: 2.0.
- 6) Admissions Office: 1-800-MUADMIT or 717-871-4625  
Financial Aid Office: 717-871-5100  
Resident Life: 717-871-4200  
Millersville Computer Science Adviser: 717-871-4305
- 7) Website: College - <http://www.millersville.edu/admissions/undergrad/transfer/index.php>  
Departmental - <http://cs.millersville.edu>

## **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