

Transfer Institution: **MILLERSVILLE UNIVERSITY**

Physical Science (#3070) AA at HACC (Prior to fall 2018)

This check sheet meets the requirements for the AA Degree in Physical Science from HACC and admission with Junior status in **BS Geology** 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 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 courses.**

_____ ENGL 101 _____	(Foundations - 1)
_____ ENGL 102 _____	(G1.1)
_____ COMM 101 _____	(Foundations - 2)
_____ Core A _____	(G1.2) ART 181(D), 182(D), ENGL 201-207, HUM 201(D), 202, MUS 102, 104(D), PHIL 101, 102, 200(D), 225, THTR 101
_____ Core B _____	(G3.1) ANTH 101 (D), 201, 205(D), GEOG 230(D), HIST 101(D) , 102, 103, 104, 107, 201, 202, PSYC 101, 213 , SOCI 201(D), 202(D) , 203(D), 205(D)
_____ Core B _____	(G3.2) select from G3.1 list above.
_____ Core C - CHEM 101 _____	(G2.1 & Major Requirement)
_____ Core C - MATH 121 _____	(Foundations - 3)
_____ Core C - PHYS 211 _____	(G2.2/Major Requirement)
_____ CHEM 102 _____	(Major Requirement)
_____ GIS 141 _____	(Elective)
_____ Physics Elective _____	(G2.3/Major Requirement) PHYS 212
_____ Science Elective _____	(Major Requirement) GEOL 101
_____ Science Elective _____	(Major Requirement) GEOL 102

12 credits of Transfer Electives are needed; not all of the following electives are 4 cr, additional credits may be needed for graduation:

_____ Transfer Elective _____	(Major Requirement) ASTR 103, BIOL 101 and 102 (MU requires both if using BIOL), CHEM 201, 202, CIS 105, CPS 161, 162, GEOL 201, 202, MATH 125, 202, 220, 222,
_____ Transfer Elective _____	(Major Requirement) Select from above transfer elective list.
_____ Transfer Elective _____	(Major Requirement) MATH 122
_____ Gen Ed Transfer Elective _____	(C&E) Health 101 (if PE 201 not taken); or any course from any category on page 2.
_____ PE & Wellness _____	(1 cr. (W) is required for AA at HACC) 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 _____	(G1.3) See G1.2 list above.
_____ Transfer Elective _____	(G3.3) 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 deadline - Feb 1 (must include transcript)
Spring application deadline - September 1 (must include transcript)
- 4) Minimum GPA: 2.0. Students are required to have a C grade or better in MATH 121-122 & PHYS 211-212 courses.
- 5) Admissions Office: 1-800-MUADMIT or 717-871-4625
Financial Aid Office: 717-871-5100
Resident Life: 717-871-4200
Millersville Earth Science Adviser: 717-871-4359
- 6) Website: College - <http://www.millersville.edu/admissions/undergrad/transfer/index.php>
Departmental - <http://www.millersville.edu/esci/>

Millersville Gen Ed vs HACC Core Lists

This list shows HACC 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 HACC 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 HACC 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 HACC 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 HACC 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