

Transfer Institution: **MILLERSVILLE UNIVERSITY**Biology (#3091) AA at HACC (**Prior to fall 2018**)

This check sheet meets the requirements for the AA Degree in Biology from HACC and admission with junior status in the **Biology (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 the bold, underlined notations within the parenthesis, i.e. (**Foundations - 1**). **Education majors are strongly encouraged to complete the PAPA exam 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 _____	(Foundations - 1)
_____ ENGL 102 _____	(G1.1)
_____ COMM 101 _____	(Foundations - 2)
_____ Core A _____	(G1.2) ART 181(D), 182(D), HUM 201(D), 202, MUS 102, 104(D), PHIL 101, 102, 200(D), 225, THTR 101
_____ Core B _____	(G3.1) ANTH 101, 205(D), HIST 101(D) , 107, PSYC 213 , SOCI 202(D) , 203(D), 205(D)
_____ Core B _____	(G3.2) ANTH 101, 205(D), HIST 101(D) , 107, PSYC 213 , SOCI 202(D) , 203(D), 205(D)
_____ Core C - BIOL 101 _____	(Major Requirement) BIOL 101 & 102 both required for entrance to MU Biology major
_____ Core C - CHEM 101 _____	(G2.1 & Major Requirement)
_____ Core C Math _____	(Major Requirement) MATH 104 or 119 (preferred)
_____ BIOL 102 _____	(Major Requirement)
_____ Biology Elective _____	(Major Elective) BIOL 206 or 250
_____ Biology Elective _____	(Major Requirement) BIOL 212 (preferred); or Major Elective: 215, 221
_____ CHEM 102 _____	(G2.2 & Major Requirement)
_____ Math 119 or 121 _____	(Foundations 3) 119; (Major Requirement) 121
_____ CHEM 203 _____	(Major Requirement for BS)
_____ CHEM 204 _____	(Major Requirement for BS)
_____ Transfer Elective _____	(G1.3) ENGL 201-207, ART 181(D), 183 , HUM 201(D), PHIL 215, 225 , THTR 101 , ENGL Literature course required for BSE
_____ Transfer Elective _____	(G3.3) ANTH 101, 205(D), 210, 212, CJ 108 , GP 205, HIST 101(D) , 107, 111, 161, 210, 218 , MGMT 201 , PSYC 209, 212, 213 , SOCI 202(D) , 203(D), 205(D)
_____ 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 _____	(C&E) HLTH 101 (if PE 201 not taken);
_____ Transfer Elective _____	(G2.3 & Major Requirement) PHYS 201 and 202; or 211 and 212
_____ Transfer Elective _____	(Major Requirement) PHYS 201 and 202; or 211 and 212

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) Students may also select from the following for General Education and Transfer electives:
 - a. **Required for BA:** 2 of CHEM 202, 203, or 204; GEOL 101 or 102; combination of PHYS 201/202 or PHYS 211/212
 - b. **Required for BS:** CHEM 203 and CHEM 204; combination of PHYS 201/202 or PHYS 211/ 212
 - c. **Required for BSE:** GEOL 101 or 102; combination of PHYS 201/202 or PHYS 211/212; it is recommended that you also take PSYC 101 and 201, CIS 109, and ENGL 201-207
- 4) Admissions is competitive so apply early: Fall application deadline - Feb 1 (must include transcript)
Spring application deadline - September 1 (must include transcript)
- 5) Students are required to have a C grade or better in Biology courses. BIOL 111 competency required. Minimum GPA for Educ. Majors: 3.0.
- 6) Admission to MU's Education Advanced Professional Studies is not granted automatically. Students must successfully complete the PAPA exam and meet other curriculum requirements before they can be admitted to the Education Advanced Professional Studies block at MU. **It is suggested that you take these tests 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
Financial Aid Office: 717-871-5100 Resident Life: 717-871-4200
Millersville Biology Adviser: 717-871-4321
- 8) Website: College - <http://www.millersville.edu/admissions/undergrad/transfer/index.php>
Departmental – <http://www.millersville.edu/biology/>

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