## HARRISBURG AREA COMMUNITY COLLEGE (HACC) & MILLERSVILLE UNIVERSITY (MU)
### Transfer Advising Guide For Chemistry AS #3026 at HACC TO BS Chemistry at MILLERSVILLE UNIVERSITY

**General Education Requirements**

<table>
<thead>
<tr>
<th>HACC COURSE</th>
<th>CRS.</th>
<th>MILLERSVILLE UNIV. EQUIV. COURSE / AREA REQUIREMENT SATISFIED</th>
<th>CRS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 English Composition I</td>
<td>3</td>
<td>ENGL 110 (FLL)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 English Composition II or ENGL 104 Technical Writing</td>
<td>3</td>
<td>ENGL 11X (G1) or ENGL 14X (G1)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 101 Effective Speaking</td>
<td>3</td>
<td>COMM 100 (FLL)</td>
<td>3</td>
</tr>
<tr>
<td>Hum. &amp; Arts Elective: see suggested list on website</td>
<td>3</td>
<td>G1</td>
<td>3</td>
</tr>
<tr>
<td>Soc. &amp; Beh. Sci. Elective: see suggested list on website</td>
<td>3</td>
<td>G3</td>
<td>3</td>
</tr>
<tr>
<td>Hum. &amp; Arts Elective or Soc. &amp; Beh. Elective: see suggested list on website</td>
<td>3</td>
<td>G1 or G3</td>
<td>3</td>
</tr>
<tr>
<td>First-Year Seminar Elective: SCI 100 (1 cred)</td>
<td>1</td>
<td>UNIV 101 (FYS C&amp;E – open elective 1 cred)</td>
<td>1</td>
</tr>
<tr>
<td>PE/Wellness Course PE 201 or HLTH 101 (3cr.)</td>
<td>3</td>
<td>WELL 175 (C&amp;E)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Millersville Univ. EQUIV. Course/Area Requirement Satisfied</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 101 General Inorganic Chemistry I</td>
<td>4</td>
<td>CHEM 111 (major requirement)*</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102 General Inorganic Chemistry II</td>
<td>4</td>
<td>CHEM 112 (major requirement)*</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 203 Organic Chemistry I</td>
<td>4</td>
<td>CHEM 231 (major requirement)*</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 204 Organic Chemistry II</td>
<td>4</td>
<td>CHEM 232 (major requirement)*</td>
<td>4</td>
</tr>
<tr>
<td>MATH 121 Calculus</td>
<td>4</td>
<td>MATH 161 (G2, required related for major)*</td>
<td>4</td>
</tr>
<tr>
<td>MATH 122 Calculus II</td>
<td>4</td>
<td>MATH 211 (G2, required related for major)*</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 211 Physics for Engineers &amp; Scientists I</td>
<td>4</td>
<td>PHYS 231 (G2, required related for major)*</td>
<td>4</td>
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<tr>
<td>PHYS 212 Physics for Engineers &amp; Scientists II</td>
<td>4</td>
<td>PHYS 232 (G2, required related for major)*</td>
<td>4</td>
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<tr>
<td>Transfer Electives (see note below)</td>
<td>12</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>MATH 221 Calculus III</td>
<td>4</td>
<td>MATH 311 (required related for major)</td>
<td>4</td>
</tr>
<tr>
<td>CPS 121 Computer Science I: Intro Programming or CPS 230 Object-Oriented Programming</td>
<td>3</td>
<td>CSCI 161 or 162 (required related elective)</td>
<td>3</td>
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<tr>
<td>MATH 203 Mathematical Statistics</td>
<td>4</td>
<td>MATH 235 (required related elective)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 220 Linear Algebra</td>
<td>4</td>
<td>MATH 322 (required related elective)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Program Total Credits**

<table>
<thead>
<tr>
<th>Program Total Credits</th>
<th>Transferable Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td>61</td>
</tr>
</tbody>
</table>

**Transfer Elective Suggestions/Advising Notes:**

- *Grades of C or better required for major/prerequisite work*
- The Chemistry program(s) at MU requires the above suggestions for appropriate sequencing of coursework/prerequisites.
- Suggested appropriate transfer electives for requirements: Select 3-4 courses for transfer elective total of 12 credits from the courses listed above OR 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)
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 #3026 (11/2020)

FOR FURTHER INFORMATION CONTACT:

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transfer@millersville.edu
(717) 871-4625

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