ACADEMIC PROGRAM ARTICULATION AGREEMENT BETWEEN COMMUNITY COLLEGE OF BALTIMORE COUNTY AND Goucher College regarding transfer from the Associate of Science in Science Area of Concentration – Biology and Goucher College Bachelor of Arts Degree Biological Sciences

This Academic Program Articulation Agreement ("Agreement") is entered into by and between Community College of Baltimore County (the "Sending Institution") and Goucher College the "Receiving Institution") (collectively, the "Institutions") to facilitate the transfer of academic credits from Associate of Science in Science AOC Biology for the completion of Bachelor of Arts in Biological Sciences (the "Program(s)").

A. Qualifying Students

This Agreement pertains to the transfer of "Qualifying Students", i.e., those students who:
1. Have successfully completed the program at the Sending Institution;
2. Are enrolled in the Sending Institution, in good standing; and
3. Are accepted for admission to the Receiving Institution

B. Responsibilities of the Institutions

The Institutions agree to implement the transfer of Qualifying Students in accordance with applicable law and the following requirements and protocols:

1. A Qualifying Student may transfer into from the Transferring Institution into the Receiving Institution for the completion of the Program.
2. Courses that the Receiving School will accept credits for towards completion of the Program include:

Transfer Plan
Community College of Baltimore County
A.S. in Sciences AOC Biology to
Goucher College B.A. in Biological Sciences

This transfer plan is intended for students pursuing A.A. Sciences AOC Biology at Community College of Baltimore County who are interested in pursuing a B.A. in Biological Sciences at Goucher College. The equivalencies below demonstrate how a student can meet both the requirements of the associate degree and prepare for a seamless transfer to Goucher College. Please note:

- Only courses that have course equivalencies are displayed. This guide does not show all transferable courses from this college.
- Goucher grants credit by exam through IB, and AP. More information can be found in the Goucher catalog https://catalog.goucher.edu/. For financial aid and scholarship information, please see click the website, Goucher Financial Aid, for more information.
- Transfer plans are intended to be used as planning tools. If you need additional assistance in selecting courses to take prior to transferring to Goucher, contact Melissa Egerton, assistant director for transfer recruitment 410-337-3057.

<table>
<thead>
<tr>
<th>CCBC Course</th>
<th>Credits</th>
<th>Goucher Equivalent</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CHEM 131</td>
<td>4</td>
<td>CHE 111 (4)</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>*CSIT 101</td>
<td>3</td>
<td>Lower level elective (3)</td>
<td>Satisfies CCBC General Education Information Technology Requirement</td>
</tr>
<tr>
<td>*ENGL 101</td>
<td>3</td>
<td>Lower Level Elective (3)</td>
<td>Goucher Common Writing Requirement CWP** (Transfer Students will need to work with the Director of the Writing Program to submit a Portfolio. See note.)</td>
</tr>
<tr>
<td>*MATH 251</td>
<td>4</td>
<td>MA 172 (4)</td>
<td>Calculus I, Satisfies Goucher Data Analytics Foundation</td>
</tr>
<tr>
<td>*BIOL 110</td>
<td>4</td>
<td>BIO 101 (4)</td>
<td>Explorations in Biology I</td>
</tr>
<tr>
<td>CHEM 133</td>
<td>4</td>
<td>CHE 151 (4)</td>
<td>Principles of Chemistry II w/ Lab (also satisfies Goucher Data Analytics Foundation requirement)</td>
</tr>
<tr>
<td>*CMNS 101</td>
<td>3</td>
<td>Lower Level Elective (3)</td>
<td>Satisfies CCBC Gen Ed AH Category</td>
</tr>
<tr>
<td>MATH 153</td>
<td>4</td>
<td>MA 268 (4)</td>
<td>Statistics, Satisfies Goucher Data Analytics Foundation</td>
</tr>
<tr>
<td>*BIOL 111 and BIOL 104 or BIOL 106</td>
<td>8</td>
<td>BIO 102 (4) and 4 credits</td>
<td>Explorations in Biology II</td>
</tr>
<tr>
<td>*ENGL 102 (satisfies CCBC General Education Arts and Humanities Requirement)</td>
<td>3</td>
<td>Lower Level Elective (3)</td>
<td>Satisfies CCBC Gen Ed EC Category</td>
</tr>
<tr>
<td>*SOCL 230 or <em>SOCL 141</em> (satisfies General Education Social and Behavioral Sciences Requirement)</td>
<td>3</td>
<td>SOA 220a (3) or Lower Level Elective (3)</td>
<td>Satisfies Race, Power, and Perspective Goucher Commons Requirement Course (students will need to complete the last year experience while at Goucher)</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Course</td>
<td>Notes</td>
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<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>CHEM 200 and CHEM 201</td>
<td>3 and 1</td>
<td>CHE 230 (4)</td>
<td>Organic Chemistry I w/ Lab (Goucher offers this as a combined lecture/lab class)</td>
</tr>
<tr>
<td>BIOL 251</td>
<td>4</td>
<td>BIO 220 (4)</td>
<td>Principles of Genetics</td>
</tr>
<tr>
<td>PSYC 101 OR PSYC 103 OR SOCL 101 OR SOCL 141</td>
<td>3</td>
<td>PSY 105 OR PSY 244 OR SOA 100 OR SOA 220</td>
<td>Satisfies General Education Social and Behavioral Sciences Requirement at CCBC.</td>
</tr>
<tr>
<td>CHEM 202 and CHEM 203</td>
<td>3 and 1</td>
<td>CHE 235 (4)</td>
<td>Organic Chemistry II w/ Lab (Goucher offers this as a combined lecture/lab class)</td>
</tr>
<tr>
<td>Select any 2 credits of CCBC college level electives to fulfill CCBC Biology Program Requirements</td>
<td>2</td>
<td>Lower Level Electives (2)</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>60</td>
<td></td>
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</table>

** College Writing Proficiency (CWP) – transfer students may submit a portfolio of academic writing to the Director of the Writing Program. Students should be advised to retain two academic papers, for a total of ten pages of academic writing for submittal to the director.

Students can transfer in a maximum of 60 credits

*Receiving Institution must indicate if course is applied to General Education, Program/Major requirements, or General Elective.

Remaining Courses
Transfer students who have completed the plan as listed above (including recommended courses) and earn the A.S. in Science Area of Concentration Biology before transferring to Goucher will be exempt from Goucher’s Complex Problem Exploration courses (CPE). Students will take the following courses at Goucher to meet the B.A. requirements. Students who transfer before completing the A.S. may have more Goucher Commons Requirements and program requirements to take and fewer free electives.
Major Requirements
All transfer students will be required to take a minimum of 60 credits of coursework at Goucher. A minimum total of 120 credits are required for the degree.

Completion of the B.A. degree program in Biological Sciences requires students to successfully complete the following course work:

<table>
<thead>
<tr>
<th>General Education Requirements</th>
<th>Course Number</th>
<th>Credit Hours</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language Goucher Common requirement</td>
<td>4-10 credits</td>
<td>Transfer students are required to complete 4-10 credits (one to three courses) of foreign language. Placement will be determined upon completion of a language placement test prior to registering for courses</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Goucher Common requirement</td>
<td>3 credits (at least 3 weeks)</td>
<td>Students are required to study abroad before graduation for a semester or a three week intensive course abroad. All transfer students who have studied abroad (for a minimum of three weeks and earned at least three credits approved by Goucher) will have satisfied the study abroad requirement upon enrollment.</td>
<td></td>
</tr>
<tr>
<td>Race, Power and Perspective</td>
<td></td>
<td>Goucher Common requirement</td>
<td></td>
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<tr>
<td>Program Requirements</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 224</td>
<td>1 credit</td>
<td>Fulfills writing in the major</td>
<td></td>
</tr>
<tr>
<td>BIO 210</td>
<td>4 credits</td>
<td>Major requirement</td>
<td></td>
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<tr>
<td>BIO 340</td>
<td>4 credits</td>
<td>Major requirement; fulfills GCR Environmental sustainability</td>
<td></td>
</tr>
<tr>
<td>BIO 324 or BIO 327 or BIO 354</td>
<td>4 credits</td>
<td>Distribution requirement in the major; fulfills GCR DA-AC</td>
<td></td>
</tr>
<tr>
<td>BIO 333 or BIO 345 or BIO 360 or BIO 378</td>
<td>4 credits</td>
<td>Distribution requirement in the major; fulfills GCR DA-AC</td>
<td></td>
</tr>
<tr>
<td>Additional 4 credits at 300 or 400 level or BIO 261 or BIO 490Y or CHE 341</td>
<td>4 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COURSES</td>
<td>CREDITS</td>
<td>REQUIREMENTS</td>
<td></td>
</tr>
<tr>
<td>--------------------------------------</td>
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<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>BIO 420, BIO 445, BIO 454, BIO 456,</td>
<td>4 credits</td>
<td>Seminar courses (2 credits each; 2 are required)</td>
<td></td>
</tr>
<tr>
<td>BIO 474, BIO 484, or BIO 487</td>
<td></td>
<td></td>
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<tr>
<td>BIO 497</td>
<td>1 credit</td>
<td>Biology capstone</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHY 115</td>
<td>4 credits</td>
<td>Required if student is pre-med</td>
<td></td>
</tr>
<tr>
<td>PHY 116</td>
<td>4 credits</td>
<td>Required if student is pre-med</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>All students, including transfer students, are required to pass all</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Proficiency and Senior Level Comprehensive Departmental Examinations to be</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>eligible for graduation</td>
<td></td>
</tr>
</tbody>
</table>

**Additional Credits Needed**
Will need to complete data analytics through the curriculum course= 4 credits
Foreign Language Requirement = 4-10 credits
Study Abroad requirement = 4 credits
Students are required to submit a portfolio of two writing assignments to the writing program
director to determine college writing proficiency placement

Total credits to be taken at Goucher: 60

3. **Additional Provisions**
   - Courses that fulfill program requirements are only eligible for transfer if students have earned a grade of “C-” or better. Courses used to fulfill only general education requirements are eligible for transfer if students have earned a grade of “C-” or better.
   - Students must maintain a (a 2.5) cumulative grade point average in order to transfer
   - Students intending to transfer should complete the admission application for Goucher College following the third semester of their Associate Degree program.

4. The Receiving Institution shall designate, and shall provide to the Sending Institution, the contact information for a staff person at the Receiving Institution who is responsible for the oversight of the transfer of Qualifying Students. The Sending Institution shall designate, and shall provide to the Receiving Institution, the contact information for a staff person at the Sending Institution who is responsible for the oversight of the transfer of Qualifying Students.

<table>
<thead>
<tr>
<th>OVERSIGHT OF RECORDS</th>
<th>SENDING INSTITUTION</th>
<th>RECEIVING INSTITUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of staff person</td>
<td>Deb Baker</td>
<td>Melissa Egerton</td>
</tr>
<tr>
<td>responsible for oversight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title of staff person</td>
<td>Assistant Registrar</td>
<td>Assistant Director for Transfer Recruitment</td>
</tr>
<tr>
<td>Oversite of Records</td>
<td>Sending Institution</td>
<td>Receiving Institution</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Email address</td>
<td><a href="mailto:dbaker@ccbcemd.edu">dbaker@ccbcemd.edu</a></td>
<td><a href="mailto:Melissa.egerton@goucher.edu">Melissa.egerton@goucher.edu</a></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>443-840-4647</td>
<td>410-337-3057</td>
</tr>
</tbody>
</table>

Should the staff person or position change, the institution will promptly provide new contact information to the partner institution and inform the Maryland Higher Education Commission of the change.

Additional contact information:

<table>
<thead>
<tr>
<th>Articulation Agreement Contact</th>
<th>Sending Institution</th>
<th>Receiving Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of person</td>
<td>Nicole Zampino</td>
<td>Melissa Egerton</td>
</tr>
<tr>
<td>Title of person</td>
<td>Coordinator of Articulation, Transfer &amp; Prior Learning Assessment (PLA)</td>
<td>Assistant Director for Transfer Recruitment</td>
</tr>
<tr>
<td>Email address</td>
<td><a href="mailto:nzairi@ccbcemd.edu">nzairi@ccbcemd.edu</a></td>
<td><a href="mailto:Melissa.egerton@goucher.edu">Melissa.egerton@goucher.edu</a></td>
</tr>
<tr>
<td>Telephone Number</td>
<td>443.840.4647</td>
<td>410-337-3057</td>
</tr>
</tbody>
</table>

5. If the Qualifying Student is using federal Title 38 VA Education Benefits (GI Bill® Education Benefits), the Institutions shall adhere to all applicable U.S. Department of Veterans Affairs’ regulations, including the regulations governing the awarding prior credit, as regulated under Title 38, Code of Federal Regulations, Sections 21.4253(d)(3) and 21.4254(c)(4).

6. Each Institution shall adhere to all applicable transfer requirements set forth in the Annotated Code of Maryland and the Code of Maryland Regulations.

7. Each Institution shall advise students regarding transfer opportunities under this Agreement, and shall advise students of financial aid opportunities and implications associated with the transfer.

8. Should either Institution make changes to program requirements, the institution will inform the partner institution immediately. The articulation agreement should be updated to reflect the changes and forwarded to the Maryland Higher Education Commission.

C. Term and Termination

1. This agreement shall be effective on the date that it is signed by the appropriate and authorized representatives of each Institution.

2. Either Institution may, at its sole discretion, terminate this Agreement upon delivering 60 days written notice to the other Institution and the Maryland Higher Education Commission.
3. Both Institutions agree to meet once every 2 year(s) to review the terms of this agreement, and renew or apply edits in written correspondence, copied to each party referenced in this document.

D. Amendment

1. This Agreement constitutes the entire understanding and agreement of the Institutions with respect to their rights and obligations in carrying out the terms of the Agreement, and supersedes any prior or contemporaneous agreements or understandings.

2. This Agreement may be modified only by written amendment executed by both Institutions.

E. Governing Law

This Agreement shall be governed by, and construed in accordance with, the laws of the State of Maryland.

F. Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

G. Notice of Agreement

1. The Institutions agree to provide a copy of this Agreement, with any amendments, to the Maryland Higher Education Commission.

2. The Institutions agree to provide copies of this Agreement to all relevant individuals and departments of the Institutions, including but not limited to students, academic department chairs participating in the transfer, offices of the president, registrar’s offices, and financial aid offices.

H. No Third-Party Beneficiaries

There are no third-party beneficiaries to this Agreement.

I. Representations and Warranties of the Parties

Both Institutions represent and warrant that the following shall be true and correct as of the Effective Date of this Agreement, and shall continue to be true and correct during the term of this Agreement:
1. The Institutions are and shall remain in compliance with all applicable federal, state, and local statutes, laws, ordinances, and regulations relating to this Agreement, as amended from time to time.

2. Each Institution has taken all action necessary for the approval and execution of this Agreement.
IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives.

<table>
<thead>
<tr>
<th>Community College of Baltimore County</th>
<th>Goucher College</th>
</tr>
</thead>
<tbody>
<tr>
<td>By: Jack McLaughlin</td>
<td>By: Scott Sibley, PhD</td>
</tr>
<tr>
<td>Interim Vice President of Instruction</td>
<td>Interim Provost</td>
</tr>
<tr>
<td>10/8/19</td>
<td>10/21/19</td>
</tr>
</tbody>
</table>

Date of next review (2 years from date of last signature): ________________________________