

**Transfer Articulation Agreement for Baccalaureate Degree**  
between  
**Central Maine Community College**  
and  
**University of Southern Maine**

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**Statement of Purpose**

Central Maine Community College (CMCC) and the University of Southern Maine (USM) have entered into this transfer articulation agreement. The purpose of this agreement is to facilitate student academic transfer and provide a smooth transition from a two-year community college to a university. It is recognized that this agreement shall describe the required program of study at CMCC for admission eligibility to USM and the Baccalaureate Degree Program indicated.

**Terms and Conditions of Academic Credit Transfer**

**To:** **Bachelor of Science in Biochemistry**  
(Name of USM Academic Program/Degree)

**From:** **Associate in Science in Life Sciences**  
(Name of CMCC Academic Program/Degree)

The evaluation and transfer of earned college credits shall be in compliance with state and federal education policies and institutional and academic program accreditation standards pertaining to undergraduate academic transfer. Current students and graduates who have earned degrees from Central Maine Community College shall be eligible for credit evaluation under the terms of this agreement.

Transfer students will be accorded the same standards and criteria for admission to a major degree sequence as USM students. All applicants accepted to USM's Baccalaureate programs must fulfill the graduation requirements of the granting institution as identified in Appendices A, B & C.

- \* Appendix A Contains Admission & Graduation Requirements of the Receiving Institution
- \* Appendix B Contains Side By Side Course Equivalency Tables for the academic program listed above
- \* Appendix C Contains a four semester map of remaining courses to be taken at USM

(Important Note: The information contained in Appendices A, B, & C is accurate for Catalog Year 2020-2021 and the current transfer equivalency listing. For up to date information please check [MaineStreet](#) for transfer equivalencies and <http://usm.maine.edu/catalogs> for the current course catalog year.

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## **APPENDIX A**

This agreement includes specific requirements for admission into a program, outlines requirements, and indicates which degree or diploma can be used to meet program prerequisites as well as general education, major or program, and graduation requirements.

**Admissions requirements:** Successful completion of the Associate in Science in Life Sciences, submission of a completed admission application, transcripts and other supporting materials. For coursework to transfer to USM, a student must earn a grade of C- or better.

For a list of application instructions and checklist: <http://usm.maine.edu/admit/application-instructions>

**Requirements for the Bachelor of Science in Biochemistry:** Remaining required coursework is listed in Appendix C. Student must maintain a cumulative GPA of 2.0 to graduate, and must earn a grade of C or better in all chemistry courses.

**USM Residency Requirement:** At minimum, thirty (30) of the last forty-five (45) credits of a student's baccalaureate course load must be completed at USM.

Additional Institutional Contact Information:

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## APPENDIX B

*Subjects represented in italics are required. If subjects in italics in Appendix B are **not** taken at CMCC, the sequence represented in Appendix C cannot be observed. Credit totals reflect italicized entries.*

CMCC Courses AS Life Sciences General Education requirements			USM BS Biochemistry Equivalencies		
Course	Title	Credits	Course	Title	Credits
ENG 101 <b>OR</b> ENG 105	College Writing <b>OR</b> College Writing Seminar	3 - 4	ENG 100	College Writing	3 - 4
ENG ____	Select one of the following: ENG 201 Technical Writing ENG 220 Business Communications ENG 221 Adv. Composition & Research	3		Advanced Core Elective Requirement 1 of 3	3
MAT 122	College Algebra	3	MAT 108	College Algebra	3
COM 100	Public Speaking	3	THE 170	Public Speaking (Creative Expression Core Requirement)	3
PHI 111	Introduction to Ethics	3	PHI 1XX	Philosophy Elective (Cultural Interpretation Core Requirement)	3
Open Elective	Elective: <i>Any course that fulfills USM Diversity Requirement; <a href="#">see list</a></i>	3	Varies	Diversity Requirement	3
	2 Humanities/Social Science Electives: 1. <i>Any course that fulfills USM Socio-cultural Core Requirement;</i> 2. <i>Any course that fulfills USM International Requirement; <a href="#">see list</a> – USM; <a href="#">see list</a>-CMCC p.38</i>	6	Varies	Direct equivalent or elective credit 1. Socio-Cultural Core Requirement 2. International Requirement	6
<b>Total credits</b>		<b>24 - 25</b>	<b>Total credits accepted</b>		<b>24 - 25</b>

Major Requirements			USM Equivalencies		
Course	Title	Credits	Course	Title	Credits
BIO 131/132	Biology I with Lab	4	BIO 105/106	Biological Principles I: Cellular Biology with Lab	4
CHY 121/122	General Chemistry I with Lab	4	CHY 113/114	Principles of Chemistry I with Lab	4
BIO 133/134	Biology II with Lab	4	BIO 107*	Biological Principles II: Evolution, Biodiversity, and Evolution	4
CHY 123/124	General Chemistry II with Lab	4	CHY 115/116	Principles of Chemistry II with Lab	4
PHY 142/143	Physics I/Lab	4	PHY 111/114	Elements of Physics I/Introductory Physics Lab I	4
CHY 221/222	Organic Chemistry I/Lab	5	CHY 251/252	Organic Chemistry I/Lab	5
MAT 132	Pre-Calculus	3	MAT 140	Pre-Calculus (Quantitative Reasoning Core Requirement)	3
PHY 242/243	Physics II/Lab ( <i>If unavailable, substitute w/ science or math elective.</i> )	3-4	PHY 112/116	Elements of Physics II/Introductory Physics Lab II	3-4
CHY 251/252	Organic Chemistry II/Lab	5	CHY 253/254	Organic Chemistry II/Lab	5
<i>MAT 283</i>	<i>Calculus I</i>	4	MAT 152	Calculus A	4
<b>Total Major Credits</b>		<b>40-41</b>			<b>40-41</b>
<b>Total Credits</b>		<b>62-63</b>	<b>Total Credits accepted</b>		<b>62-63</b>

Only courses in which a student has earned a grade of C- or higher are considered for transfer.

## APPENDIX C

### Remaining USM Degree Requirements

For students in CMCC Associate in Science in Life Sciences transferring to USM Bachelor of Science in Biochemistry

[Assumes students complete recommended courses at CMCC as listed in Appendix B.]

Year Three Fall		Year Three Spring	
Course	Credit	Course	Credit
Ethical Inquiry Core Requirement	3	Advanced Elective Core Requirement 3 of 3	3
MAT 153 Calculus B	4	CHY 233 Analytical Chemistry/Lab	5
Advanced Elective Core Requirement 2 of 3	3	Diversity	3
Elective ( <i>of Physics II/Lab if not taken at CMCC</i> )	3	Elective	3
<b>Semester Credits</b>	<b>13</b>	<b>Semester Credits</b>	<b>14</b>

Year Four Fall		Year Four Spring	
Course	Credit	Course	Credit
Elective	3	CHY 421 Inorganic Chemistry	5
CHY 461/462 Biochemistry/Lab	5	CHY 463/464 Biochemistry II/Lab (Capstone & Engaged Learning Core Requirement)	5
BIO 305/306* Developmental Biology	5	CHY 371 Quantum Chemistry	3
CHY 373 Chemical Thermodynamics	3		
<b>Semester Credits</b>	<b>16</b>	<b>Semester Credits</b>	<b>13</b>
<b>Total USM credits: 56</b>			
<b>Total CMCC and USM credits: 120 - 122</b>			

\*Science course pathway #2 per USM Biochemistry options: <https://usm.maine.edu/chy/bs-biochemistry>

- BIO 107 Biological Principles II: Evolution, Biodiversity, and Ecology
- BIO 305, 306 Developmental Biology and Laboratory