

# University of North Carolina Asheville

And

## The North Carolina School of Science and Mathematics

### **Articulation Agreement**

This document, when signed by all parties, serves as a formal agreement between University of North Carolina Asheville (UNC Asheville) and the North Carolina School of Science and Mathematics (NCSSM). All conditions of the agreement must be met before students may apply for credit with UNC Asheville.

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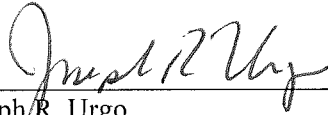
#### General Conditions

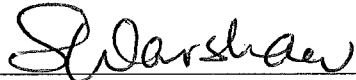
1. This Articulation Agreement is in perpetuity or until it is cancelled by either educational partner by submitting written notification to the other partner one year prior to the identified cancellation date in order to protect all students from NCSSM that have applied or been admitted to UNC Asheville prior to the cancellation date. In addition, cancellation shall not be applied retroactively, i.e. students who have already received credit for course substitutions would not lose the credit for those substitutions.
2. Amendments to this agreement require approval by both parties.
3. The courses of study subject to this agreement may be expanded from time to time by addendum mutually agreeable to both parties.
4. Faculty employed by NCSSM must meet stated professional credential requirements set forth by the Southern Association of Colleges and Schools which govern the acceptability of course work taught and accepted for transfer credit by colleges and universities.
5. NCSSM must submit a course portfolio to include, but not limited to, examinations and other course documents, for review by UNC Asheville upon request.
6. If requested, NCSSM will provide an opportunity for UNC Asheville faculty to observe course instruction.
7. Students must apply for admission and be admitted to UNC Asheville in order to apply for articulated credit as outlined in this agreement.
8. Students will be granted credit based on the course equivalencies and related requirements listed in this agreement. Students will be granted credit only—no grade will be issued. It is required, however, that students have received a grade of B or above in the NCSSM course for which UNC Asheville credit is being granted. (Note: grades of B- in NCSSM courses are not acceptable, and for Classics credit an A is required as specified on page 10.)

9. Upon acceptance to UNC Asheville, students must have their final transcript sent to the Registrar's Office for articulation of the appropriate credits. This should take place before the student registers for class to eliminate any problems with course credit.

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By signature below, UNC Asheville and the North Carolina School of Science and Mathematics affirm that course equivalencies in Appendix I may be articulated as transfer credit beginning in the 2014 Fall Semester, provided that all conditions of this agreement are met. The signature of each Division Chair signifies their agreement in Appendix I as it applies to their content area only.

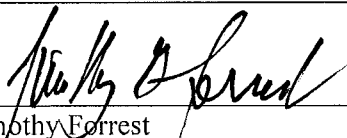
  
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Joseph R. Urgo  
Provost, UNC Asheville


  
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Stephen J. Warshaw  
Vice Chancellor of Academic Programs,  
NCSSM

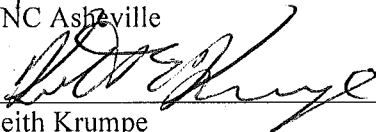
**ARTICULATION AGREEMENT**  
**UNIVERSITY OF NORTH CAROLINA ASHEVILLE &**  
**THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS**

**BIOLOGY**

NCSSM COURSE(S)	CONDITION(S)	UNC Asheville COURSE
BI434 (AP Biology (I)) + BI436 (AP Biology (II)) + BI438 (AP Biology (III))	Grade of B or above in each NCSSM Course	BIO115 (Concepts in Ecology and Evolution, 4 credit hours) + BIO116 (Principles of Cellular and Molecular Biology, 4 credit hours)

  
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 Timothy Forrest  
 Chair, Department of Biology  
 UNC Asheville

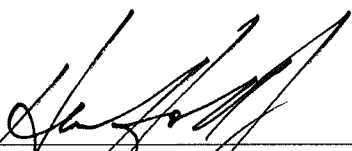
  
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 Amy Sheck  
 Dean of Science  
 NCSSM


  
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 Keith Krumpe  
 Dean of Natural Sciences  
 UNC Asheville

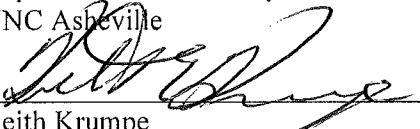
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**CHEMISTRY**

NCSSM COURSE(S)	CONDITION(S)	UNC Asheville COURSE
CH401 (AP Chemistry (I)) + CH402 (AP Chemistry (II))	Grade of B or above in each NCSSM Course	CHEM132 (General Chemistry, 3 credit hours) + CHEM111 (General Chemistry Laboratory, 1 credit hour)
CH405 (AP Chemistry (Advanced I)) + CH406 (AP Chemistry (Advanced II))	Grade of B or above in each NCSSM Course	CHEM132 (General Chemistry, 3 credit hours) + CHEM111 (General Chemistry Laboratory, 1 credit hour) + CHEM236 (General Chemistry II, 3 credit hours) + CHEM145 (Quantitative Chemistry Laboratory, 1 credit hour)

  
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 Herman Holt  
 Department of Chemistry  
 UNC Asheville

  
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 Amy Sheck  
 Dean of Science  
 NCSSM


  
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 Keith Krumpe  
 Dean of Natural Sciences  
 UNC Asheville

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## UNIVERSITY OF NORTH CAROLINA ASHEVILLE & THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS

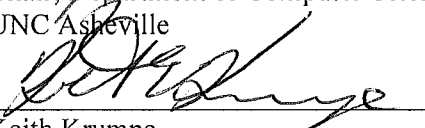
### COMPUTER SCIENCE

NCSSM Courses	Condition(s)	UNC Asheville Course
CSC402 (AP Computer Science A I) + CSC404 (AP Computer Science A II)	Grade of B or above in each NCSSM course	CSCI 181 (Introductory Programming for Numerical Applications, 3 credit hours)
CSC406 (Advanced Programming) + CSC4010 (Data Structures I)	Grade of B or above in each NCSSM course	CSCI 202 (Introduction to Data Structures, 3 credit hours)




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J. Dean Brock  
Chair, Department of Computer Science  
UNC Asheville



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Keith Krumpe  
Dean of Natural Sciences  
UNC Asheville



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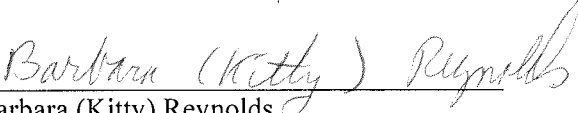
Ershela Sims  
Dean of Engineering and Technology  
NCSSM

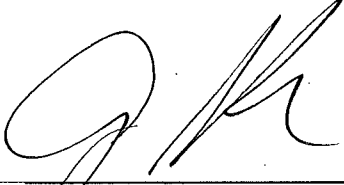
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**ENVIRONMENTAL SCIENCE**

NCSSM Courses	Condition(s)	UNC Asheville Course
BI424 AP Environmental Science I + BI426 AP Environmental Science II	Grade of B or above in each NCSSM course	ENVR 130 (Introduction to Environmental Science, 3 credit hours)

  
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Barbara (Kitty) Reynolds  
Chair, Environmental Studies  
UNC Asheville

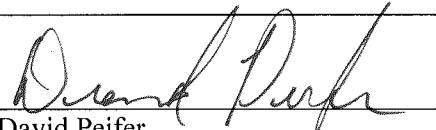
  
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Amy Sheek  
Dean of Science, NCSSM

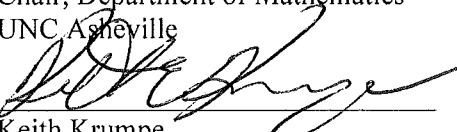
  
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Keith Krumpe  
Dean of Natural Sciences  
UNC Asheville

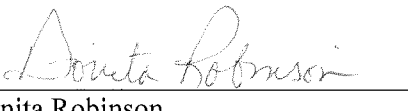
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**MATHEMATICS**

NCSSM COURSE(S)	CONDITION(S)	UNC Asheville COURSE
MA480 (Vector Functions and Partial Derivatives) + MA482 (Multiple Integrals and Vector Fields)	Grade of B or above in each NCSSM Course	MATH291 (Calculus III, 4 credit hours)
MA420 (AP Calculus BC (I): Contemporary Calculus) + MA422 (AP Calculus BC (II): Contemporary Calculus) + MA424 (AP Calculus BC III: Contemporary Calculus)	Grade of B or above in each NCSSM Course	MATH191 (Calculus I, 4 credit hours) + MATH192 (Calculus II, 4 credit hours)
MA432 (AP Calculus BC (Advanced Topics II): Contemporary Calculus) + MA434 (AP Calculus BC (Advanced Topics III): Contemporary Calculus)	Grade of B or above in each NCSSM Course	MATH191 (Calculus I, 4 credit hours) + MATH192 (Calculus II, 4 credit hours)
MA404 (AP Statistics (I)) + MA406 (AP Statistics (II)) + MA408 (AP Statistics (III))	Grade of B or above in each NCSSM Course	STAT185 (Introduction to Statistics, 4 credit hours)
MA440 (AP Statistics (Advanced Topics I)) + MA442 (AP Statistics (Advanced Topics II)) + MA444 (AP Statistics (Advanced Topics III))	Grade of B or above in each NCSSM Course	STAT225 (Probability and Statistics, 4 credit hours)

  
 David Peifer  
 Chair, Department of Mathematics  
 UNC Asheville

  
 Keith Krumpe  
 Dean of Natural Sciences  
 UNC Asheville

  
 Donita Robinson  
 Dean of Mathematics  
 NCSSM

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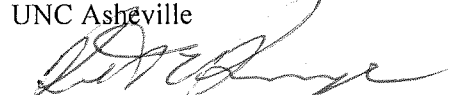
### UNIVERSITY OF NORTH CAROLINA ASHEVILLE & THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS

#### PHYSICS

NCSSM COURSE(S)	CONDITION(S)	UNC Asheville COURSE
PH355a/PH355b (Physics with Advanced Topics)	Grade of B or above in each NCSSM Course	PHYS 131 (Introductory Physics I, 4 credit hours)
PH404 (AP Physics C: Mechanics (I)) + PH406 (AP Physics C: Mechanics (II) and Electricity and Magnetism (I)) + PH408 (AP Physics C: Electricity and Magnetism (II))	Grade of B or above in each NCSSM Course	PHYS 221 (Physics I, 4 credit hours) + PHYS 222 (Physics II, 4 credit hours)
PH418 (Astrophysics) + PH420 (Galaxies and Cosmology)	Grade of B or above in each NCSSM Course	ASTR 105 (Astronomy, 4 credit hours)



Chuck Bennett  
Chair, Department of Physics  
UNC Asheville



Keith Krumpe  
Dean of Natural Sciences  
UNC Asheville



Amy Sheek  
Dean of Science  
NCSSM




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**FOREIGN LANGUAGES**

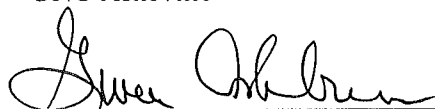
<b>NCSSM Courses</b>	<b>Conditions</b>	<b>UNC Asheville Course</b>
FR 354 Advanced French I + FR 356 Advanced French II + FR 358 Advanced French III	Grade of B or above in each NCSSM course	FREN 230 (Intermediate French, 4 credit hours)
FR 404 Modern French Readings and Media I + FR 406 Modern French Readings and Media II + FR 408 Modern French Readings and Media III	Grade of B or above in each NCSSM course	FREN 274 (Special Topics in French, 4 credit hours)
SP 354 Advanced Spanish I + SP 356 Advanced Spanish II + SP 358 Advanced Spanish III	Grade of B or above in each NCSSM course	SPAN 220 (Intermediate Spanish II, 3 credit hours)
SP 454 Advanced Readings in Spanish with Topics I + SP 456 Advanced Readings in Spanish with Topics II + SP 458 Advanced Readings in Spanish with Topics III	Grade of B or above in each NCSSM course	SPAN 310 (Composition and Introduction to Literature, 3 credit hours)



Wiebke Strehl  
Chair, Foreign Languages  
UNC Asheville



Elizabeth Moose  
Dean, Humanities  
NCSSM



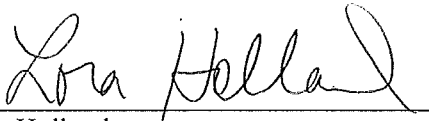
Gwen Ashburn  
Dean, Humanities  
UNC Asheville

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CLASSICS

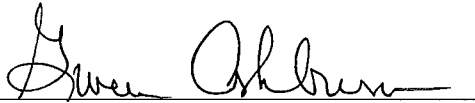
NCSSM Courses	Conditions	UNC Asheville Course
LA 307 Intermediate Latin + LA 404 Advanced Latin Poetry I + LA 406 Advanced Latin Poetry II + LA 408 Advanced Latin Poetry III	Grade of A in at least three of the four NCSSM courses, with fourth grade of B or above	CLAS 102 (Latin II, 4 credit hours)
LA 410 Advanced Latin Prose I + LA 412 Advanced Latin Prose II + LA 406 Advanced Latin Prose III	Grade of A in each NCSSM course	CLAS 212 (Intermediate Latin, 3 credit hours)



Lora Holland  
Chair, Classics Department  
UNC Asheville



Elizabeth Moose  
Dean, Humanities  
NCSSM



Gwen Ashburn  
Dean, Humanities  
UNC Asheville