
Appalachian State University

And

The North Carolina School of Science and Mathematics

Articulation Agreement

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

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 Appalachian State University 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 ASU annually or upon request.
 6. NCSSM will provide an opportunity for ASU faculty to observe course instruction.
 7. Students must apply for admission and be admitted to ASU 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 ASU credit is being granted. (Note: grades of B- in NCSSM courses are not acceptable.)
 9. Upon acceptance to ASU, students must have their final transcript sent to the Office of Undergraduate Admissions for articulation of the appropriate credits. This should take place before the student registers to eliminate any problems with course credit.
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By signature below, Appalachian State University 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 2011 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.

Kenneth E. Peacock
Chancellor
ASU

Lorin Baumhover
Interim Provost
ASU

Gerald L. Boarman
Chancellor
NCSSM

Stephen J. Warshaw
Vice Chancellor of Academic Programs
NCSSM

APPENDIX I
ARTICULATION AGREEMENT
APPALACHIAN STATE UNIVERSITY &
THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS

BIOLOGY

| NCSSM COURSE(S) | CONDITION(S) | ASU COURSE |
|---|---|--|
| BI434 (AP Biology (I)) + BI436 (AP Biology (II)) + BI438 (AP Biology (III)) | Grade of B or above in each NCSSM Course | BIO1801 (Biological Concepts I) w/ lab + BIO1802 (Biological Concepts II) w/ lab |

Steven W. Seagle
Chair, Department of Biology
ASU

Myra Halpin
Dean of Science, NCSSM

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THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS

CHEMISTRY

| NCSSM COURSE(S) | CONDITION(S) | ASU COURSE |
|--|---|--|
| CH401 (AP Chemistry (I)) + CH402 (AP Chemistry (II)) | Grade of B or above in each NCSSM Course | CHE 1101/1110 (Introductory Chemistry and Laboratory I) + CHE 1102/1120 (Introductory Chemistry and Laboratory II) |
| CH403 (AP Chemistry (Web)) | Grade of B or above in each NCSSM Course | CHE 1101/1110 (Introductory Chemistry and Laboratory I) + CHE 1102/1120 (Introductory Chemistry and Laboratory II) |
| CH405 (AP Chemistry (Advanced I)) + CH406 (AP Chemistry (Advanced II)) | Grade of B or above in each NCSSM Course | CHE 1101/1110 (Introductory Chemistry and Laboratory I) + CHE 1102/1120 (Introductory Chemistry and Laboratory II) |

Claudia P. Cartaya-Marin
Chair, Department of Chemistry
ASU

Myra Halpin
Dean of Science, NCSSM

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APPALACHIAN STATE UNIVERSITY & THE NORTH CAROLINA SCHOOL OF SCIENCE AND MATHEMATICS

MATHEMATICS AND STATISTICS

| NCSSM COURSE(S) | CONDITION(S) | ASU COURSE |
|---|---|---|
| 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 | MAT 1110 (Calculus I) + MAT 1120 (Calculus 2) |
| 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 | MAT 1110 (Calculus I) + MAT 1120 (Calculus 2) |
| MA 462 (Modeling with Matrices) | Grade of B or above in each NCSSM Course | MAT 2240 (Linear Algebra) |
| MA480 (Vector Functions and Partial Derivatives) + MA482 (Multiple Integrals and Vector Fields) | Grade of B or above in each NCSSM Course | MAT 2130 (Calculus 3) |
| MA 404 (AP Statistics (I)) + MA 406 (AP Statistics (II)) + MA 408 (AP Statistics (III)) | Grade of B or above in each NCSSM Course | STT 2820 (Reasoning with Statistics) |
| MA 440 (AP Statistics (Adv Topics I)) + MA 442 (AP Statistics (Adv Topics II)) + MA 444 (AP Statistics (Adv Topics III)) | Grade of B or above in each NCSSM Course | STT 3850 (Statistical Data Analysis I) |

Mark C. Ginn
Chair, Department of Mathematical Sciences
ASU

Donita Robinson
Dean of Mathematics, NCSSM

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PHYSICS AND ASTRONOMY

| NCSSM COURSE(S) | CONDITION(S) | ASU COURSE |
|---|--|--|
| PH352 (Physics with Advanced Topics I) | Grade of B or above in each NCSSM Course | PHY 1101 (How Things Work) w/ lab |
| PH354 (Physics with Advanced Topics II) | Grade of B or above in each NCSSM Course | PHY 1102 (Environment and Everyday Life) w/ lab |
| PH403 (AP Physics B (Web)) | Grade of B or above in each NCSSM Course | PHY 1103 (General Physics I) w/lab + PHY 1104 (General Physics II) w/lab |
| PH405 (AP Physics C: Mechanics) | Grade of B or above in each NCSSM Course | PHY 1103 (General Physics I) w/lab OR PHY 1150 (Analytical Physics I) w/ lab |
| PH406 (AP Physics C: Electricity and Magnetism) | Grade of B or above in each NCSSM Course | PHY 1104 (General Physics II) w/lab OR PHY 1151 (Analytical Physics II) w/ lab |
| PH418 (Astrophysics) + PH420 (Galaxies and Cosmology) | Grade of B or above in each NCSSM Course | AST 3100 (Astrophysics) |

Note: Students expected to major in the sciences or pre-engineering at ASU should take the PHY 405/406 sequence at NCSSM.

Leon H. Ginsberg
Interim Chair, Department of Physics and Astronomy
ASU

Myra Halpin
Dean of Science, NCSSM