

**Appalachian State University**  
**NCSSM Transfer Credit Policy**  
**Effective Fall 2022**

**\*\* Grade of "B -" or better is required for transfer of any individual course \*\***

Visit [bulletin.appstate.edu](http://bulletin.appstate.edu) for information on App State courses

<b>NCSSM Department</b>	<b>NCSSM Course</b>	<b>AppState Course Equivalency</b>
Computer Science	CS4020 Web Development	C S 3440 (3 credits)
Computer Science	CS4040 Game Design and Simulation	C S 3463 (3 credits)
Computer Science	CS4060 Scientific Programming	C S 2435 (4 credits)
Computer Science	CS4200/MA4200 Cryptography	C S 3770 (3 credits)
Computer Science	CS4220 Databases	C S 3430 (3 credits)
Computer Science	CS4240 Procedural and Object-Oriented Programming	C S 1440 (4 credits)
Computer Science	CS4280 Advanced Java	C S 2440 (4 credits)
Computer Science	CS4300 Topics in CS - Human and Computer Interaction	C S 4570 (3 credits)
Computer Science	CS4320 Machine Learning	C S 4755 (3 credits)
Computer Science	CS4340 Data Structures with C	C S 3460 (3 credits)
Computer Science	CS4380 Algorithms	C S 3550 - C S Elective Credit (3 credits)
Engineering	EE4000 Mechanical Engineering	TEC Elective Credit (3 credits)
Engineering	EE4020 Electrical Engineering	TEC Elective Credit (3 credits)
Engineering	EE4040 Architecture	TEC Elective Credit (3 credits)
Engineering	EE4080 Biomedical Engineering	TEC Elective Credit (3 credits)
Engineering	EE4100 Introductory Robotics	TEC Elective Credit (3 credits)
Engineering	EE4140 Aerospace Engineering	TEC Elective Credit (3 credits)
Engineering	EE4160 Civil Engineering	TEC Elective Credit (3 credits)
Engineering	EE4180 Environmental Engineering	TEC Elective Credit (3 credits)
Engineering	EE4520 Biomedical Instrumentation	TEC Elective Credit (3 credits)
Engineering	EE4540 Statics	TEC 3738 (3 credits)
Engineering	EE4560 Circuits	PHY Elective Credit (3 credits)
Humanities	AR4100 Drawing	ART 1003 (3 credits)
Humanities	AS4051 (formerly AS4050a) American Studies I	ELE CRED with GenEd attribute of Liberal Studies Experience (LSE) (3 credits)
Humanities	AS4051W (formerly AS4030a) Writing and American Studies I	ELE CRED with GenEd attribute of Liberal Studies Experience (LSE) (3 credits)
Humanities	AS4052 (formerly AS4050b) American Studies II	ELE CRED with GenEd attribute of I001-Integrative Learning Experience (ILE) American Culture (3 credits)
Humanities	AS4052W (formerly AS4030b) Writing and American Studies II	ELE CRED with GenEd attribute of I001-Integrative Learning Experience (ILE) American Culture (3 credits)
Humanities	CN4051 Advanced Chinese I	See Appalachian's AP Policy / Foreign Language Placement Test Procedure

Humanities	CN4052 Advanced Chinese II	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	CN4060 Explorations in Chinese for Heritage Speakers	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	CN4651 Readings in Chinese with Topics I	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	CN4652 Readings in Chinese with Topics II	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	CN4851 AP Chinese Language and Culture I	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	CN4852 AP Chinese Language and Culture II	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	DR4102 Theater Performance Workshop	THR 2300 (3 credits)
Humanities	EN4201 African Studies: Pre-Colonial Africa	HIS 2421 (3 credits)
Humanities	EN4202 African Studies: Modern Africa	HIS 2422 (3 credits)
Humanities	EN4203 African Studies: North Africa and the Middle East	HIS 3336 (3 credits)
Humanities	EN4211 Asian Studies I	ELE CRED with GenEd attribute of Liberal Studies Experience (LSE) (3 credits)
Humanities	EN4212 Asian Studies II	ELE CRED with GenEd attribute of Liberal Studies Experience (LSE) (3 credits)
Humanities	EN4241 Western European Cultural Studies I	ELE CRED with GenEd attribute of I008 - Integrative Learning Experience (ILE) How We Know the Past (3 credits)
Humanities	EN4242 Western European Cultural Studies II	ELE CRED with GenEd attribute of I008 - Integrative Learning Experience (ILE) How We Know the Past (3 credits)
Humanities	EN4251 Western Civilizations I: Wisdom, Revelation, Reason, and Doubt	HIS 1101 (3 credits)
Humanities	EN4252 Western Civilizations II: Wisdom, Revelation, Reason, and Doubt	HIS 1102 (3 credits)
Humanities	EN4400 AI in Science Fiction	ELE CRED with GenEd attributes of Liberal Studies Experience (LSE) and Literary Studies (LS) (3 credits)
Humanities	EN4410 British Literature and Culture	ENG 2050 (3 credits)
Humanities	EN4430 Modern World Fiction	ENG 2040 (3 credits)
Humanities	EN4450 Shakespeare Now	ENG 2050 (3 credits)
Humanities	EN4470 STEM and the Stage	THR 2030 (3 credits)
Humanities	EN4490 Honors Ecocriticism	ELE CRED with GenEd attributes of I017- Integrative Learning Experience (ILE) Human-Animal Bond and Literary Studies (LS) (3 credits)
Humanities	FR4051 Advanced French for Global Applications I	See Appalachian's AP Policy / Foreign Language Placement Test Procedure

Humanities	FR4052 Advanced French for Global Applications II	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	HH4450 Race, Leadership, and Ethics (online)	ELE CRED with GenEd attribute of I011- Integrative Learning Experience (ILE) Intersections (3 credits)
Humanities	HU4200 Honors 21st Century Media Studies	COM 3300 (3 credits)
Humanities	HU4400 Black Studies	ELE CRED with GenEd attribute of I001- Integrative Learning Experience (ILE) American Culture (3 credits)
Humanities	HU4410 Critical Race Theory	ELE CRED with GenEd attribute of I011- Integrative Learning Experience (ILE) Intersections (3 credits)
Humanities	HU4450 Race, Leadership, and Ethics (residential)	ELE CRED with GenEd attribute of I011- Integrative Learning Experience (ILE) Intersections (3 credits)
Humanities	HU4460 Topics in Humanities I (this is a sample Topics syllabus)	GenEd credit may be possible for individual students based on the content of their specific section
Humanities	HU4461 Topics in Humanities II (this is a sample Topics syllabus)	GenEd credit may be possible for individual students based on the content of their specific section
Humanities	HU4470 Topics in the Study of Religion	GenEd credit may be possible for individual students based on the content of their specific section
Humanities	HU4490 Women's, Gender, and Sexuality Studies	GWS 2421 (3 credits)
Humanities	MU4300 Music Theory and Composition	MUS 1000 (3 credits)
Humanities	MU4310 AP Music Theory	See Appalachian's AP Policy
Humanities	MU4400 History of Western Music	MUS 2011 (3 credits)
Humanities	SP4051 Advanced Spanish for Global Applications I	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	SP4052 Advanced Spanish for Global Applications II	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	SP4651 Readings in Spanish with Topics I	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	SP4652 Readings in Spanish with Topics II	See Appalachian's AP Policy / Foreign Language Placement Test Procedure
Humanities	SS4000 International Relations (online)	ELE CRED with GenEd attribute of I007- Integrative Learning Experience (ILE) From Empire to Globalization (3 credits)
Humanities	SS4000 International Relations (residential)	ELE CRED with GenEd attribute of I007- Integrative Learning Experience (ILE) From Empire to Globalization (3 credits)
Humanities	SS4020 Sociology	SOC 1000 (3 credits)
Humanities	SS4030 Medical Sociology	SOC 2600 (3 credits)
Humanities	SS4040 Topics in Psychology	PSY 2530 (3 credits)
Humanities	SS4050 AP Psychology	See Appalachian's AP Policy
Humanities	SS4060 AP Microeconomics	See Appalachian's AP Policy

Humanities	SS4060 AP Microeconomics I (online)	See Appalachian's AP Policy
Humanities	SS4061 AP Microeconomics II (online)	See Appalachian's AP Policy
Humanities	SS4070 AP Macroeconomics	See Appalachian's AP Policy
Humanities	SS4070 AP Macroeconomics I (online)	See Appalachian's AP Policy
Humanities	SS4071 AP Macroeconomics II (online)	See Appalachian's AP Policy
Humanities	SS4081 Topics in History and Social Science I (this is a sample Topics syllabus)	GenEd credit may be possible for individual students based on the content of their specific section
Humanities	SS4082 Topics in History and Social Science II (see sample syllabus for Topics I)	GenEd credit may be possible for individual students based on the content of their specific section
Humanities	SS4083 Topics in History and Social Science III (see sample syllabus for Topics I)	GenEd credit may be possible for individual students based on the content of their specific section
Mathematics	MA4000 Precalculus & Modeling w/ Advanced Topics I	MAT 1020 (4 credits)
Mathematics	MA4002 Precalculus & Modeling w/ Advanced Topics II	MAT 1025 (4 credits)
Mathematics	MA4020 AP Calculus AB w/ Advanced Topics I	See Appalachian's AP Policy
Mathematics	MA4022 AP Calculus AB w/ Advanced Topics II	See Appalachian's AP Policy
Mathematics	MA4030 / MA4032	MAT1110 (4 credits) / MAT1120 (4 credits)
Mathematics	MA4060	MAT2130 (4 credits)
Mathematics	MA4066 Honors Multivariable Calculus with Applications II (online)	MAT 2130 (** if MA 4066 and MA 4064 are both successfully completed with grade of B- or above) (4 credits)
Mathematics	MA4100/MA4102	STT2820 (4 credits)
Science	BI4010 Anatomy & Physiology	E S 2030 (4 credits)
Science	BI4020 Ecology (*R*)	BIO 3302 (4 credits)
Science	BI4030 Environmental Science (*R*)	GES 1010 (3 credits)
Science	BI4040 Climate Change Biology (*M*)	BIO 1103 (4 credits) or BIO 3313 (4 credits)
Science	BI4110 Molecular Genetics (*R*)	BIO 2400 (3 credits)
Science	BI4120 Population Genetics (*M*)	BIO 2400 (3 credits)
Science	BI4130 Aquatic Ecology (*R*)	BIO 4240 (4 credits)
Science	BI4140 Molecular & Cellular Biol	BIO 2600 (3 credits)
Science	BI4160 Neuroscience (*R*)	BIO 3600 (4 credits)
Science	BI4210/BI4211	BIO1801 (4 credits) / BIO1802 (4 credits)
Science	BI4200 Immunology (*R*)	BIO 4568 (4 credits)
Science	BI4921 Research in Biology II (*R*)	BIO 3500 Independent Study or BIO Elective in research area (3 credits)

Science	BI4922 Research in Biology III (*R*)	BIO 4500 Independent Study or BIO Elective in the research area (3 credits)
Science	CH4020/CH4120	CHE1101 (3 credits) / CHE1110 (1 credit) / CHE1102 (3 credits) / CHE1120 (1 credit)
Science	CH4140 Environmental Chem (*R*)	CHE 2550 (3 credits)
Science	CH4270 Analytical Chemistry	CHE 2210 (3 credits) and CHE 2211 (1 credit)
Science	CH4290 Biochemistry (*R*)	CHE 4580 (3 credits) and CHE 4581 (1 credit)
Science	PH4020	PHY1101 (4 credits)
Science	PH4120	PHY1102 (4 credits)
Science	PH4180	AST Elective Credit (3 credits)
Science	PH4220 Advanced Physics Problem Solving	PHY Elective Credit (3 credits)
Science	PH4240	PHY1103 (4 credits)
Science	PH4241	PHY1104 (4 credits)
Science	PH4250 Modern Physics	PHY Elective Credit (3 credits)
Science	PH4260 Quantum Mechanics	PHY Elective Credit (3 credits)