

SCHOOL OF ARTS AND SCIENCES

Associate of Science in General Studies (AC73)

Offered at Clarkesville, Blairsville, and Currahee Campuses

Entrance Dates	Fall, Spring, Summer
Length of Program.....	4 Terms
Credit Hours Required for Graduation	60

Purpose: The General Studies Associate of Science (AS) Degree prepares students to pursue a four-year degree for careers in multiple fields of studies. Graduates develop academic and professional knowledge and skills necessary to succeed in the profession of their choice or to further their education at a four-year university. This program provides students an option to combine general education along with occupational courses to create a specialized degree suited to their individual career goals. This institutionally developed program was uniquely designed to align to USG institutions within NGTC’s service area to provide graduates a seamless plan of study from the AS to a baccalaureate program of choice with minimal loss of credits.

Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores
(Note: Appropriate placement scores for degree-level courses are higher than for diploma- or certificate-level courses)

Program Courses

Credits

Basic Skills Courses

Total 3 Credit Hours

COLL 1010	College and Career Success Skills	3
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AREA I – Language Arts/Communication

Total 6 Credit Hours

ENGL 1101	Composition and Rhetoric (required)	3
<i>(One of the following required)</i>		
ENGL 1102	Literature and Composition	3
SPCH 1101	Public Speaking	3

AREA II – Social/Behavior Sciences

Total 12 Credit Hours

(Select 12 hours from the following)

ECON 1101	Principles of Economics	3
ECON 2106	Microeconomics	3
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2111	U.S. History I	3
HIST 2112	U.S. History II	3
POLS 1101	American Government	3
PSYC 1101	Introductory Psychology	3
SOCI 1101	Introduction to Sociology	3

AREA III – Natural Sciences/Mathematics

Total 10 Credit Hours

(One of the following required)

MATH 1101	Mathematical Modeling	3
MATH 1103	Quantitative Skills and Reasoning	3
MATH 1111	College Algebra	3
MATH 1127	Introduction to Statistics	3

(Select an additional 7 hours from the following)

MATH 1101	Mathematical Modeling	3
MATH 1103	Quantitative Skills and Reasoning	3
MATH 1111	College Algebra	3

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MATH	1113	Pre-calculus	3
MATH	1127	Introduction to Statistics	3
MATH	1131	Calculus I	3
BIOL	1111	Biology I	3
BIOL	1111L	Biology I Lab	1
BIOL	1112	Biology II	3
BIOL	1112L	Biology II Lab	1
CHEM	1151	Survey of Inorganic Chemistry	3
CHEM	1151L	Survey of Inorganic Chemistry Lab	1
CHEM	1152	Survey of Organic Chemistry and Biochemistry	3
CHEM	1152L	Survey of Organic Chemistry and Biochemistry Lab	1
PHYS	1111	Introductory Physics I	3
PHYS	1111L	Introductory Physics I Lab	1
PHYS	1112	Introductory Physics II	3
PHYS	1112L	Introductory Physics II Lab	1

AREA IV – Humanities/Fine Arts

Total 6 Credit Hours

(Select 6 hours from the following)

ARTS	1101	Art Appreciation	3
ENGL	2130	American Literature	3
HUMN	1101	Introduction to Humanities	3

General Education Core Electives

Total 3 Credit Hours

(Select 3 hours from the following)

ARTS	1101	Art Appreciation	3
BIOL	1111	Biology I	3
BIOL	1111L	Biology I Lab	1
BIOL	1112	Biology II	3
BIOL	1112L	Biology II Lab	1
CHEM	1151	Survey of Inorganic Chemistry	3
CHEM	1151L	Survey of Inorganic Chemistry Lab	1
CHEM	1152	Survey of Organic Chemistry and Biochemistry	3
CHEM	1152L	Survey of Organic Chemistry and Biochemistry Lab	1
ECON	1101	Principles of Economics	3
ECON	2106	Microeconomics	3
ENGL	1102	Literature and Composition	3
ENGL	2130	American Literature	3
HIST	1111	World History I	3
HIST	1112	World History II	3
HIST	2111	U.S. History I	3
HIST	2112	U.S. History II	3
HUMN	1101	Introduction to Humanities	3
MATH	1101	Mathematical Modeling	3
MATH	1103	Quantitative Skills and Reasoning	3
MATH	1111	College Algebra	3
MATH	1113	Pre-calculus	3
MATH	1127	Introduction to Statistics	3
MATH	1131	Calculus I	4
PHYS	1111	Introductory Physics I	3
PHYS	1111L	Introductory Physics I Lab	1
PHYS	1112	Introductory Physics II	3
PHYS	1112L	Introductory Physics II Lab	1
POLS	1101	American Government	3
PSYC	1101	Introductory Psychology	3
SOCI	1101	Introduction to Sociology	3
SPCH	1101	Public Speaking	3

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General Studies Electives

Total 20 Credit Hours

(Select 20 hours from the following)

ACCT	1100	Financial Accounting I	4
ACCT	1105	Financial Accounting II	4
ACCT	2000	Managerial Accounting	3
ACCT	2140	Legal Environment of Business	3
ARTS	1101	Art Appreciation	3
BIOL	1111	Biology I	3
BIOL	1111L	Biology I Lab	1
BIOL	1112	Biology II	3
BIOL	1112L	Biology II Lab	1
CHEM	1151	Survey of Inorganic Chemistry	3
CHEM	1151L	Survey of Inorganic Chemistry Lab	1
CHEM	1152	Survey of Organic Chemistry and Biochemistry	3
CHEM	1152L	Survey of Organic Chemistry and Biochemistry Lab	1
CIST	1220	Structured Query Language	4
CIST	1305	Program Design and Development	3
CIST	1510	Web Development	3
CIST	1520	Scripting Technologies	3
CIST	2341	C# Programming I	4
CIST	2342	C# Programming II	4
CIST	2351	PHP Programming I	4
CIST	2352	PHP Programming II	4
CIST	2371	Java Programming I	4
CIST	2372	Java Programming II	4
CIST	2550	Web Development II	3
CRJU	1010	Introduction to Criminal Justice	3
CRJU	1040	Principles of Law Enforcement	3
CRJU	1068	Criminal Law	3
ECON	1101	Principles of Economics	3
ECON	2106	Microeconomics	3
ENGL	1102	Literature and Composition	3
ENGL	2130	American Literature	3
ENGT	1000	Introduction to Engineering Technology	3
HIST	1111	World History I	3
HIST	1112	World History II	3
HIST	2111	U.S. History I	3
HIST	2112	U.S. History II	3
HUMN	1101	Introduction to Humanities	3
MATH	1101	Mathematical Modeling	3
MATH	1103	Quantitative Skills and Reasoning	3
MATH	1111	College Algebra	3
MATH	1113	Pre-calculus	3
MATH	1127	Introduction to Statistics	3
MATH	1131	Calculus I	4
PHYS	1111	Introductory Physics I	3
PHYS	1111L	Introductory Physics I Lab	1
PHYS	1112	Introductory Physics II	3
PHYS	1112L	Introductory Physics II Lab	1
POLS	1101	American Government	3
PSYC	1101	Introductory Psychology	3
SOCI	1101	Introduction to Sociology	3
SPCH	1101	Public Speaking	3

Estimated cost of books and supplies for full program is approximately \$1,800

SCHOOL OF ARTS AND SCIENCES

Early College Essentials Certificate (EC21)

Offered at Clarkesville, Blairsville, and Currahee Campuses

Entrance Dates Fall, Spring, Summer
 Length of Program..... 2 Terms
 Credit Hours Required for Graduation 18

Purpose: The Early College Essentials certificate program is designed for a cooperative agreement between technical colleges and four-year colleges/universities in the area. These students have been identified as capable of performing academically at the college level and some are disengaged at the high school and are at risk of dropping out.

Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores
 (Note: Appropriate placement scores for degree-level courses are higher than for diploma- or certificate-level courses)

<u>Program Courses</u>			<u>Credits</u>
ENGL	1101	Composition and Rhetoric	3
<i>(Select 15-16 total hours from the following)</i>			
ARTS	1101	Art Appreciation	3
BIOL	1111	Biology I	3
BIOL	1111L	Biology I Lab	1
BIOL	2113	Anatomy and Physiology I	3
BIOL	2113L	Anatomy and Physiology I Lab	1
BIOL	2114	Anatomy and Physiology II	3
BIOL	2114L	Anatomy and Physiology II Lab	1
BIOL	2117	Introductory Microbiology	3
BIOL	2117L	Introductory Microbiology Lab	1
CHEM	1151	Survey of Inorganic Chemistry	3
CHEM	1151L	Survey of Inorganic Chemistry Lab	1
CHEM	1211	Chemistry I	3
CHEM	1211L	Chemistry Lab I	1
ECON	1101	Principles of Economics	3
ENGL	1102	Literature and Composition	3
ENGL	2130	American Literature	3
HIST	1111	World History I	3
HIST	1112	World History II	3
HIST	2111	U.S. History I	3
HIST	2112	U.S. History II	3
MATH	1103	Quantitative Skills and Reasoning	3
MATH	1111	College Algebra	3
MATH	1113	Pre-calculus	3
MATH	1127	Introduction to Statistics	3
MATH	1131	Calculus I	4
MATH	1132	Calculus II	4
MUSC	1101	Music Appreciation	3
PHYS	1111	Introductory Physics I	3
PHYS	1111L	Introductory Physics I Lab	1
PSYC	1101	Introductory Psychology	3
SOCI	1101	Introduction to Sociology	3
SPCH	1101	Public Speaking	3

Estimated cost of books and supplies for full program is approximately \$1,800

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Interdisciplinary Studies AAS Degree (AF53)

Entrance Dates	Fall, Spring, Summer
Length of Program.....	5 Terms
Credit Hours Required for Graduation	61

Purpose: The Associate of Applied Science Degree in Interdisciplinary Studies (AIS) allows for curriculum based on each student’s academic and professional goals. Areas of concentration include education, business, and health sciences. The program curriculum may be strategically selected to build upon the student’s goals and objectives. Learning opportunities develop academic and professional knowledge and skills required for job acquisition or continued education. A student might choose an interdisciplinary studies program if his or her specific goals and interest cannot be met through a school’s existing majors, minors and electives.

Admission Requirements:

- Refer to Program Specific age requirements
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores

Program Requirements for Early Childhood Care and Education Specialization

- Must have CPR and First Aid Certification

Program Courses

21 Credits

General Core Courses (Some specializations require specific general education courses. See Specialization General Education Requirements below.)

Area I	Language Arts/Communication	6
	ENGL 1101 Composition and Rhetoric (3) (required)	
	ENGL 1102 Literature and Composition (3) (required)	
Area II	Social/Behavioral Sciences	6
	PSYC 1101 Introductory Psychology (3) (required)	
	(select an additional 3 hours from Area II)*	
Area III	Natural Sciences/Mathematics	6-7
	(one of the following required)	
	MATH 1101 Mathematical Modeling	(3)
	MATH 1103 Quantitative Skills and Reasoning	(3)
	MATH 1111 College Algebra	(3)
	(select an additional 3-4 hours from Area III)*	
Area IV	Humanities/Fine Arts	3
	(one of the following required)	
	ARTS 1101 Arts Appreciation	(3)
	MUSC 1101 Music Appreciation	(3)
	ENGL 2130 American Literature	(3)
	HUMN 1101 Introduction to Humanities	(3)

*See General Education Requirements for Associate Degrees for course options.

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One of the following specializations must be chosen:

Accounting Specialization

Offered at Blairsville, Clarkesville, and Currahee Campuses

Occupational Courses			Total 40 credit hours
ACCT	1100	Financial Accounting	4
ACCT	1105	Financial Accounting II	4
ACCT	1115	Computerized Accounting	3
ACCT	1120	Spreadsheet Applications	4
ACCT	1125	Individual Tax Accounting	3
ACCT	1130	Payroll Accounting	3
ACCT	2000	Managerial Accounting	3
COLL	1010	College and Career Success Skills	3
		Electives	13

Estimated cost of books and supplies for full program is approximately \$2,300.

Clinical Lab Specialization

Offered at Clarkesville Campus

Occupational Courses			Total 40 credit hours
ALHS	1040	Introduction to Health Care	3
ALHS	1090	Medical Terminology for Health Sciences	2
BIOL	2113	Anatomy and Physiology I	3
BIOL	2113L	Anatomy and Physiology I Lab	1
BIOL	2114	Anatomy and Physiology II	3
BIOL	2114L	Anatomy and Physiology II Lab	1
BIOL	2117	Introductory Microbiology	3
BIOL	2117L	Introductory Microbiology Lab	1
CHEM	1211	Chemistry I	3
CHEM	1211L	Chemistry Lab I	1
OR			
CHEM	1151	Survey of Inorganic Chemistry	(3)
CHEM	1151L	Survey of Inorganic Chemistry Lab	(1)
COLL	1010	College and Career Success Skills	3
PHLT	1030	Introduction to Venipuncture	3
PHLT	1050	Clinical Practice	5
		Electives	8

Estimated cost of books and supplies for full program is approximately \$2,500.

Early Childhood Care and Education Specialization

Offered at Clarkesville, Blairsville, and Currahee Campuses

Occupational Courses			Total 40 credit hours
COLL	1010	College and Career Success Skills	3
ECCE	1101	Intro to Early Childhood Care and Education	3
ECCE	1105	Health, Safety and Nutrition	3
ECCE	1112	Curriculum and Assessment	3
ECCE	1113	Creative Activities for Children	3
ECCE	2201	Exceptionalities	3
ECCE	2202	Social Issues and Family Involvement	3
ECCE	2312	Paraprofessional Roles and Practices	3
PSYC	2103	Human Development	3
OR			
ECCE	1103	Child Growth and Development	(3)
		Electives	13

Estimated cost of books and supplies for full program is approximately \$2,000.

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Nursing Specialization

Offered at Clarkesville, Blairsville, and Currahee Campuses

Occupational Courses Total 40 credit hours

ALHS	1040	Introduction to Health Care	3
BIOL	2113	Anatomy and Physiology I	3
BIOL	2113L	Anatomy and Physiology Lab I	1
BIOL	2114	Anatomy and Physiology II	3
BIOL	2114L	Anatomy and Physiology Lab II	1
BIOL	2117	Introductory Microbiology	3
BIOL	2117L	Introductory Microbiology Lab	1
COLL	1010	College and Career Success Skills	3
NAST	1100	Nurse Aide Fundamentals	6
PSYC	2103	Human Development	3
		Electives	13

Estimated cost of books and supplies for full program is approximately \$2,500.

Specialization General Education Advisement Recommendations

ACCOUNTING SPECIALIZATION

Area I	Language Arts/Communication	6
	ENGL 1101 Composition and Rhetoric (3) (required)	
	ENGL 1102 Literature and Composition (3) (required)	
Area II	Social/Behavioral Sciences	6
	PSYC 1101 Introductory Psychology (3) (required)	
	(select an additional 3 hours from Area II)*	
Area III	Natural Sciences/Mathematics	6-7
	(one of the following required)	
	MATH 1101 Mathematical Modeling	(3)
	MATH 1103 Quantitative Skills and Reasoning	(3)
	MATH 1111 College Algebra	(3)
	(select an additional 3-4 hours from Area III)*	
Area IV	Humanities/Fine Arts	3
	(one of the following required)	
	ARTS 1101 Arts Appreciation	(3)
	MUSC 1101 Music Appreciation	(3)
	ENGL 2130 American Literature	(3)
	HUMN 1101 Introduction to Humanities	(3)

*See General Education Requirements for Associate Degrees for course options.

CLINICAL LAB SPECIALIZATION

Area I	Language Arts/Communication	6
	ENGL 1101 Composition and Rhetoric (3) (required)	
	ENGL 1102 Literature and Composition (3) (required)	
Area II	Social/Behavioral Sciences	6
	PSYC 1101 Introductory Psychology (3) (required)	
	(select an additional 3 hours from Area II)*	

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Area III Natural Sciences/Mathematics	6-7
<i>(one of the following required)</i>	
MATH 1101 Mathematical Modeling	(3)
MATH 1111 College Algebra	(3)
MATH 1127 Introduction to Statistics	(3)
(select an additional 3-4 hours from Area III)*	

Area IV Humanities/Fine Arts	3
<i>(one of the following required)</i>	
ARTS 1101 Arts Appreciation	(3)
MUSC 1101 Music Appreciation	(3)
ENGL 2130 American Literature	(3)
HUMN 1101 Introduction to Humanities	(3)

**See General Education Requirements for Associate Degrees for course options.*

EARLY CHILDHOOD CARE AND EDUCATION SPECIALIZATION

Area I Language Arts/Communication	6
ENGL 1101 Composition and Rhetoric (3) (required)	
ENGL 1102 Literature and Composition (3) (required)	

Area II Social/Behavioral Sciences	6
PSYC 1101 Introductory Psychology (3) (required)	
(select an additional 3 hours from Area II)*	

Area III Natural Sciences/Mathematics	6-7
<i>(one of the following required)</i>	
MATH 1101 Mathematical Modeling	(3)
MATH 1103 Quantitative Skills and Reasoning	(3)
MATH 1111 College Algebra	(3)
(select an additional 3-4 hours from Area III)*	

Area IV Humanities/Fine Arts	3
<i>(one of the following required)</i>	
ARTS 1101 Arts Appreciation	(3)
MUSC 1101 Music Appreciation	(3)
ENGL 2130 American Literature	(3)
HUMN 1101 Introduction to Humanities	(3)

**See General Education Requirements for Associate Degrees for course options*

NURSING SPECIALIZATION

Area I Language Arts/Communication	6
ENGL 1101 Composition and Rhetoric (3) (required)	
ENGL 1102 Literature and Composition (3) (required)	

Area II Social/Behavioral Sciences	6
PSYC 1101 Introductory Psychology (3) (required)	
(select an additional 3 hours from Area II)*	

Area III Natural Sciences/Mathematics	6-7
<i>(one of the following required)</i>	
MATH 1101 Mathematical Modeling	(3)
MATH 1111 College Algebra	(3)
(select an additional 3-4 hours from Area III)*	

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Area IV Humanities/Fine Arts	3
<i>(one of the following required)</i>	
ARTS 1101 Arts Appreciation	(3)
MUSC 1101 Music Appreciation	(3)
ENGL 2130 American Literature	(3)
HUMN 1101 Introduction to Humanities	(3)

**See General Education Requirements for Associate Degrees for course options.*

Technical Specialist Certificate (TC31)

Offered at Clarkesville, Blairsville, and Currahee Campuses

Entrance Dates	Fall, Spring, Summer
Length of Program.....	3 Terms
Credit Hours Required for Graduation	36

Purpose: The Technical Specialist certificate program prepares students for positions in business that require technical proficiency to translate technical information to various audiences and in various formats using written and oral communication skills.

Admission Requirements:

- Age 16 or older or student with dual/joint enrollment in high school or GED® student seeking access to quality instruction at the postsecondary level
- High school diploma or GED®
- Completion of application process including placement test; or provide SAT or ACT scores
(Note: Appropriate placement scores for degree-level courses are higher than for diploma- or certificate-level courses)

Program Courses

Credits

Basic Skills Courses	Total 3 Credit Hours
COLL 1010 College and Career Success Skills	3
AREA I – Language Arts/Communication	Total 3 Credit Hours
ENGL 1101 Composition and Rhetoric	3
AREA II – Social/Behavior Sciences	Total 6 Credit Hours
<i>(Select 6 hours from the following)</i>	
ECON 1101 Principles of Economics	3
HIST 1111 World History I	3
HIST 1112 World History II	3
HIST 2111 U.S. History I	3
HIST 2112 U.S. History II	3
PSYC 1101 Introductory Psychology	3
SOCI 1101 Introduction to Sociology	3
AREA III – Natural Sciences/Mathematics	Total 3 Credit Hours
<i>(Select 3 hours from the following)</i>	
MATH 1101 Mathematical Modeling	3
MATH 1103 Quantitative Skills and Reasoning	3

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MATH	1111	College Algebra	3
MATH	1113	Pre-calculus	3
MATH	1127	Introduction to Statistics	3
BIOL	1111	Biology I	3
BIOL	1111L	Biology I Lab	1
CHEM	1211	Chemistry I	3
CHEM	1211L	Chemistry Lab I	1
PHYS	1110	Conceptual Physics	3
PHYS	1110L	Conceptual Physics Lab	1

AREA IV – Humanities/Fine Arts

Total 6 Credit Hours

(Select 6 hours from the following)

ARTS	1101	Art Appreciation	3
ENGL	2130	American Literature	3
MUSC	1101	Music Appreciation	3

General Education Core Electives

Total 6 Credit Hours

(Select 6 hours from the following)

ARTS	1101	Art Appreciation	3
CHEM	1211	Chemistry I	3
CHEM	1211L	Chemistry I Lab	1
CHEM	1212	Chemistry II	3
CHEM	1212L	Chemistry II Lab	1
ECON	1101	Principles of Economics	3
ECON	2106	Microeconomics	3
ENGL	1102	Literature and Composition	3
ENGL	1105	Workplace and Technical Communications	3
ENGL	2130	American Literature	3
HIST	1111	World History I	3
HIST	1112	World History II	3
HIST	2111	U.S. History I	3
HIST	2112	U.S. History II	3
MATH	1101	Mathematical Modeling	3
MATH	1103	Quantitative Skills and Reasoning	3
MATH	1111	College Algebra	3
MATH	1113	Pre-calculus	3
MATH	1127	Introduction to Statistics	3
MATH	1131	Calculus I	4
MATH	1132	Calculus II	4
MUSC	1101	Music Appreciation	3
PHYS	1110	Conceptual Physics	3
PHYS	1110L	Conceptual Physics Lab	1
PHYS	1111	Introductory Physics I	3
PHYS	1111L	Introductory Physics I Lab	1
PHYS	1112	Introductory Physics II	3
PHYS	1112L	Introductory Physics II Lab	1
PSYC	1101	Introductory Psychology	3
PSYC	2103	Human Development	3
SOCI	1101	Introduction to Sociology	3
SPCH	1101	Public Speaking	3

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Occupational Guided Electives

Total 9 Credit Hours

(Select 9 hours from the following)

ACCT	1100	Financial Accounting I	4
ACCT	2145	Personal Finance	3
AIRC	1005	Refrigeration Fundamentals	4
AIRC	1030	HVACR Electrical Fundamentals	4
BUSN	1100	Introduction to Keyboarding	3
BUSN	1300	Introduction to Business	3
CIST	1001	Computer Concepts	4
CIST	1305	Program Design and Development	3
CRJU	1010	Introduction to Criminal Justice	3
CUUL	1000	Fundamentals of Culinary Arts	4
ECCE	1101	Introduction to Early Childhood Care and Education	3
ENGT	1000	Introduction to Engineering Technology	3
ESCI	1020	Introduction to GIS	3
HORT	1000	Horticulture Science	3
HORT	1080	Pest Management	3
IDSY	1190	Fluid Power Systems	4
MGMT	1115	Leadership	3
MGMT	1125	Business Ethics	3
PHOT	1103	Camera Techniques	3
PHOT	1105	Digital Imaging I	3

Estimated cost of books and supplies for full program is approximately \$1,800.