

The purpose of a statewide articulation agreement is to identify the courses a student at a Colorado public community college must complete as part of an AA/AS degree to be guaranteed to be able to complete the designated baccalaureate degree program at any public four-year college and university (hereafter referred to as receiving institutions) that offers that program within the minimum number of credits designated by the Colorado Commission on Higher Education.

Required Courses	Credits	Pre or Co Reqs Rqd	Course Availability		
			Fall	Spr	Sum
General Education Courses					
• Arts / Humanities GT-AH1-AH4	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Arts / Humanities GT-AH1-AH4	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• CHE 111 - General College Chemistry I with Lab: GT-SC1*	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• CHE 112 - General College Chemistry II with Lab: GT-SC1*	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• ENG 121 - English Composition I: GT-CO1*	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• ENG 122 - English Composition II: GT-CO2	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• History GT-HI1	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAT 201 - Calculus I: GT-MA1	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Social / Behavioral Science GT-SS1-SS3	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• Social / Behavioral Science GT-SS1-SS3	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Additional Required Courses					
• Elective (See Notes for specific requirements)	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• GEY 111 - Physical Geology w/Lab: GT-SC1*	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• GEY 112 - Historical Geology with Lab: GT: SC1*	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• MAT 202 - Calculus II: GT-MA1	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• PHY 211 - Physics: Calculus-Based I with Lab: GT-SC1*	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
• PHY 212 - Physics: Calculus-Based II with Lab: GT-SC1*	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Pre-Requisites, Co-Requisites, and Recommendations (grade C or better required)

Where requirements are listed as course categories (e.g. Electives, Arts/Humanities) rather than as specific courses, please note that depending upon course choice, pre-requisites may be required.

CHE 111 - General College Chemistry I with Lab: GT-SC1*

- Pre-Requisite: MAT 121 - College Algebra: GT-MA1 or equivalent placement scores

CHE 112 - General College Chemistry II with Lab: GT-SC1*

- Pre-Requisite: CHE 111 - General College Chemistry I with Lab: GT-SC1
- Pre-Requisite: MAT 121 - College Algebra or Higher

ENG 122 - English Composition II: GT-CO2

- Pre-Requisite: ENG 121 - English Composition I OR ENG 131 - Technical Writing I

MAT 201 - Calculus I: GT-MA1

- Pre-Requisite: MAT 122 - College Trigonometry: GT-MA1 OR MAT 166 - Pre-Calculus: GT-MA1

MAT 202 - Calculus II: GT-MA1

- Pre-Requisite: MAT 201 - Calculus I: GT-MA1

PHY 211 - Physics: Calculus-Based I with Lab: GT-SC1*

- Pre-Requisite: MAT 201 - Calculus I: GT-MA1

PHY 212 - Physics: Calculus-Based II with Lab: GT-SC1*

- Pre-Requisite: MAT 201 - Calculus I: GT-MA1
- Pre-Requisite: PHY 211 - Physics: Calculus-Based I with Lab: GT-SC1

Program Outcomes

- Identify common rocks and minerals.
- Breakdown the interconnection of earth's systems.
- Interpret topographic maps.
- Analyze geological problems.

Notes

- *This course requires college level readiness as measured by Accuplacer, ACT, or SAT scores; approved high school course work that is less than five years old; or successful completion of appropriate college-readiness course.
- AAA 101 – College 101: Student Experience is required for all new college students seeking degrees or transfer.
- Course availability is subject to change.
- Electives: Select any Guaranteed Transfer course or any of the following (excluding Special Topics, Independent Study, Capstone, and Internships): AAA 101, AAA 109, AST (100 or higher), BIO (100 or higher), CHE (100 or higher), CIS 118, CSC 119, CSC 126, CSC 160, CSC 161, CSC 165, CSC 200, CSC 225, CSC 233, CSC 236, CSC 240, EGG (100 or higher), any Foreign Language courses (including ASL) numbered 111 or higher, HNR 100, HNR 289, HWE 100, HWE 111, HWE 125, MAT 121 (or higher, except 155 / 156), or PHY 111 (or higher).
- Follow the Recommended Course Sequence on the following pages of this document.
- Recommended courses are listed above for certain electives; consult with the Academic Advising Office (advising@arapahoe.edu or 303.797.5664) or the Geology Department for additional elective recommendations.
- Refer to 19/20 catalog for specific requirements and important information about this degree.
- The Colorado Department of Higher Education website has additional information about this statewide agreement.

Graduation Requirements

- All courses required for this degree must be completed with a "C" or better to meet graduation requirements.



Academic Plan
Associate of Science
Geology
Catalog Year: 2019/2020

60 Credits

- To graduate, students must apply for graduation (form available at www.arapahoe.edu/departments-and-programs/graduation) by the deadline and meet all degree requirements.

RECOMMENDED COURSE SEQUENCE FULL-TIME TRACK

Year 1: Fall	Credits	Course
	3	Arts / Humanities GT-AH1-AH4 ~Recommended Arts / Humanities Course(s)~ HUM 115 - World Mythology: GT-AH2* HUM 121 - Humanities: Early Civilization : GT-AH2* HUM 122 - Humanities: Medieval-- Modern: GT-AH2* HUM 123 - Humanities: Modern World: GT-AH2* LIT 115 - Introduction to Literature I: GT-AH2* PHI 112 - Ethics: GT-AH3* SPA 211 - Spanish Language III: GT-AH4
	5	CHE 111 - General College Chemistry I with Lab: GT-SC1
	3	ENG 121 - English Composition I: GT-CO1
	5	MAT 201 - Calculus I: GT-MA1
Year 1: Spring	Credits	Course
	5	CHE 112 - General College Chemistry II with Lab: GT-SC1
	3	ENG 122 - English Composition II: GT-CO2
	5	MAT 202 - Calculus II: GT-MA1
	3	Social / Behavioral Science GT-SS1-SS3 ~Recommended Social / Behavioral Science Course(s)~ ANT 101 - Cultural Anthropology: GT-SS3* COM 220 - Intercultural Communication: GT-SS3* ECO 201 - Principles of Macroeconomics: GT-SS1* GEO 105 - World Regional Geography: GT-SS2* PSY 101 - General Psychology I: GT-SS3* PSY 102 - General Psychology II: GT-SS3* SOC 231 - The Sociology of Deviant Behavior: GT-SS3*
Year 2: Fall	Credits	Course
	3	Arts / Humanities GT-AH1-AH4 ~Recommended Arts / Humanities Course(s)~ ART 110 - Art Appreciation GT-AH1* MUS 120 - Music Appreciation: GT-AH1* MUS 125 - History of Jazz: GT-AH1* PHI 111 - Introduction to Philosophy: GT-AH3* PHI 113 - Logic: GT-AH3* PHI 114 - Comparative Religions: GT-AH3* PHI 218 - Environmental Ethics: GT-AH3*
	4	GEY 111 - Physical Geology w/Lab: GT-SC1
	3	History GT-HI1 ~Recommended History Course(s)~ HIS 101 - Western Civilization: Antiquity-1650: GT-HI1* HIS 102 - Western Civilization: 1650-Present: GT-HI1* HIS 111 - The World: Antiquity-1500: GT-HI1* HIS 112 - The World: 1500-Present: GT-HI1* HIS 121 - U.S. History to Reconstruction* HIS 225 - Colorado History: GT-HI1* HIS 247 - 20th Century World History: GT-HI1*

Year 2: Spring	Credits	Course
	5	PHY 211 - Physics: Calculus-Based I with Lab: GT-SC1
	1	Elective ~Recommended Elective(s)~ ANT 101 - Cultural Anthropology: GT-SS3* AST 155 - Astronomy of Ancient Cultures: SC2* ENV 110 - Natural Disasters: GT-SC2* MAT 121 - College Algebra: GT-MA1* MAT 122 - College Trigonometry: GT-MA1 MAT 135 - Introduction to Statistics: GT-MA1* MAT 265 - Differential Equations: GT-MA1
	4	GEY 112 - Historical Geology with Lab: GT: SC1
	5	PHY 212 - Physics: Calculus-Based II with Lab: GT-SC1
	3	Social / Behavioral Science GT-SS1-SS3 ~Recommended Social / Behavioral Science Course(s)~ ECO 202 - Principles of Microeconomics: GT-SS1* GEO 106 - Human Geography: GT-SS2* JOU 105 - Introduction to Mass Media: GT-SS3* POS 111 - American Government: GT-SS1* PSY 235 - Human Growth and Development: GT-SS3* SOC 101 - Introduction to Sociology I: GT-SS3* SOC 220 - Sociology of Religion: GT-SS3*

RECOMMENDED COURSE SEQUENCE PART-TIME TRACK

Year 1: Fall	Credits	Course
	5	CHE 111 - General College Chemistry I with Lab: GT-SC1
	5	MAT 201 - Calculus I: GT-MA1
Year 1: Spring	Credits	Course
	1	Elective ~Recommended Elective(s)~ ANT 101 - Cultural Anthropology: GT-SS3* AST 155 - Astronomy of Ancient Cultures: SC2* ENV 110 - Natural Disasters: GT-SC2* MAT 121 - College Algebra: GT-MA1* MAT 122 - College Trigonometry: GT-MA1 MAT 135 - Introduction to Statistics: GT-MA1* MAT 265 - Differential Equations: GT-MA1
	3	ENG 121 - English Composition I: GT-CO1
	5	MAT 202 - Calculus II: GT-MA1
Year 1: Summer	Credits	Course
	3	History GT-HI1 ~Recommended History Course(s)~ HIS 101 - Western Civilization: Antiquity-1650: GT-HI1* HIS 102 - Western Civilization: 1650-Present: GT-HI1* HIS 111 - The World: Antiquity-1500: GT-HI1* HIS 112 - The World: 1500-Present: GT-HI1* HIS 121 - U.S. History to Reconstruction* HIS 225 - Colorado History: GT-HI1* HIS 247 - 20th Century World History: GT-HI1*
	3	Social / Behavioral Science GT-SS1-SS3 ~Recommended Social / Behavioral Science Course(s)~ ECO 202 - Principles of Microeconomics: GT-SS1* GEO 106 - Human Geography: GT-SS2* JOU 105 - Introduction to Mass Media: GT-SS3* POS 111 - American Government: GT-SS1* PSY 235 - Human Growth and Development: GT-SS3* SOC 101 - Introduction to Sociology I: GT-SS3* SOC 220 - Sociology of Religion: GT-SS3*
Year 2: Fall	Credits	Course
	5	CHE 112 - General College Chemistry II with Lab: GT-SC1
	4	GEY 111 - Physical Geology w/Lab: GT-SC1
Year 2: Spring	Credits	Course
	3	ENG 122 - English Composition II: GT-CO2
	4	GEY 112 - Historical Geology with Lab: GT: SC1

Year 2: Summer	Credits	Course
	3	Arts / Humanities GT-AH1-AH4 ~Recommended Arts / Humanities Course(s)~ ART 110 - Art Appreciation GT-AH1* MUS 120 - Music Appreciation: GT-AH1* MUS 125 - History of Jazz: GT-AH1* PHI 111 - Introduction to Philosophy: GT-AH3* PHI 113 - Logic: GT-AH3* PHI 114 - Comparative Religions: GT-AH3* PHI 218 - Environmental Ethics: GT-AH3*
	3	Social / Behavioral Science GT-SS1-SS3 ~Recommended Social / Behavioral Science Course(s)~ ANT 101 - Cultural Anthropology: GT-SS3* COM 220 - Intercultural Communication: GT-SS3* ECO 201 - Principles of Macroeconomics: GT-SS1* GEO 105 - World Regional Geography: GT-SS2* PSY 101 - General Psychology I: GT-SS3* PSY 102 - General Psychology II: GT-SS3* SOC 231 - The Sociology of Deviant Behavior: GT-SS3*
Year 3: Fall	Credits	Course
	3	Arts / Humanities GT-AH1-AH4 ~Recommended Arts / Humanities Course(s)~ HUM 115 - World Mythology: GT-AH2* HUM 121 - Humanities: Early Civilization : GT-AH2* HUM 122 - Humanities: Medieval-- Modern: GT-AH2* HUM 123 - Humanities: Modern World: GT-AH2* LIT 115 - Introduction to Literature I: GT-AH2* PHI 112 - Ethics: GT-AH3* SPA 211 - Spanish Language III: GT-AH4
	5	PHY 211 - Physics: Calculus-Based I with Lab: GT-SC1
Year 3: Spring	Credits	Course
	5	PHY 212 - Physics: Calculus-Based II with Lab: GT-SC1