



## **Bachelor of Applied Science Resource and Technology Management**



**Program Purpose:** As technology continues to advance, so does the need for people trained and equipped with the technical skills and knowledge of its applications. Troy University's Bachelor of Applied Science in Resource and Technology Management provides students with a unique interdisciplinary program that combines business management, social sciences and the technical skills offered in the sciences. Not only do students in the program learn the concepts necessary for management and supervision, but they also develop the knowledge necessary to address challenges and communicate effectively on technical issues.

The program promotes discovery and exploration of knowledge and its applications to life-long success while seeking to:

- develop the professional skills and academic competencies of students in management, social sciences and physical/environmental sciences;
- prepare students for further graduate study or a professional career;
- encourage the creation and use of essential academic and operational resources for creative activities and research;
- assist students with professional skills needed in keeping with the University's commitment to the global community; and
- promote the development of intellectual inquiry and the desire for lifelong learning.

(For complete details on this program including course descriptions, academic policies, etc. please refer to the Troy University catalog at <https://www.troy.edu/academics/catalogs/2019-20/index.html#Undergraduate> and <https://www.troy.edu/assets/catalogs/documents/2019-20/undergraduate/addendum-bas-rtm-07-12-19.pdf>

While this program will enjoy wide appeal from CCAF students studying a broad range of career fields, it is believed that this program will be of particular interest to CCAF students completing the AAS degree in **Bioenvironmental Engineering Technology, Business Administration, Computer Science Technology, Cybersecurity, Intelligence Studies and Technology, and Occupational Safety**. It may also have interest for CCAF students completing the AAS in **Information Systems Technology or Education Training and Management**.

The BAS Degree in Resource and Technology Management at Troy University **requires:**

1. **45**hours of General Studies classes
2. **36** hours of Major requirements – including 18 semester hours of upper level classes and 18 semester hours of a Specialization (academic or technical). The 18 hour specialization may be satisfied by CCAF Technical Electives.
3. **18** semester hours of a **Military Operations** minor (usually satisfied by technical education classes at CCAF).
4. **21** hours of free electives (approved by Academic Advisor)

## Troy University

### Air University Associate to Baccalaureate Cooperative (AU-ABC) Bachelor of Applied Science in Resource and Technology Management

Degree Requirement	Required Semester Credits	CCAF Transfer Credits	Credits to take at TROY
<b>Major Courses</b>	<b>18</b>	<b>0</b>	<b>18</b>
PHI3310 Applied Ethics	3		3
MGT3300 Principles of Management	3		3
SCI3365 Principles of Applied Science	3		3
SS 3375 Introduction to Social Science Inquiry	3		3
SS 3376 Statistical Applications of SS Inquiry	3		3
SS3377 Spatial Applications of SS Inquiry	3		3
<b>Specialization (select 18 hours from:)</b>	<b>18</b>	<b>18</b>	<b>0</b>
ANT4420 Forensic Osteology	3		
BIO3340 Evolution	3		
CS 3335 Security Operations	3		
CS 3310 Foundations of Computer Science	3		
ECO3351 Intermediate Macroeconomics	3		
ECO3352 Intermediate Microeconomics	3		
GEM3390 Fundamentals of Geographic Information and Analysis	3		
GIS3301 Cartography and Geovisualization	3		
GIS3305 Spatial Information and Analysis	3		
HS 3310 Human Behavior in the Soc. Env. I	3		
POL3300 Foundations of Political Science	3		
POL3343 American Political Process	3		
POL3364 State and Local Politics	3		
PSY4410 Industrial / Organizational Psychology	3		
SCI 4450 Science in a Regulatory Environment	3		
SOC4406 Urban Sociology	3		
SOC4413 Minorities in the U.S. Social Structure	3		
SOC4421 Social Inequality	3		
SOC4455 Trends In Globalization	3		
SWK3320 Human Behavior in the Soc. Env. II	3		
<b>OR</b>			
Specialized Technical Courses from CCAF degree	<b>18</b>	<b>18</b>	<b>0</b>
<b>Military Operations Minor</b>	<b>18</b>	<b>18</b>	<b>0</b>
Satisfied by LMMS, Technical Courses and technical electives from the CCAF AAS degree program	18	18	0

As per the below, 15 semester hours of General Studies should transfer from the CCAF AAS Degree to TROY University to fulfill the following requirements: ENG1101, **MTH1110 (Finite Math)** or **Higher** – (a grade of C or higher is required in English and in Math), Communication (Area II), Humanities (Area II), Social Science (Area IV).

Students who have taken a Math course at a lower level than those above will not receive credit for this course and will be required to successfully complete the course at TROY.

General Education + Electives	66	24	42
<b>General Education – Area I and II</b>	<b>18</b>	<b>9</b>	<b>9</b>
ENG1101 – Comp and Modern English I (required) <i>A grade of C or above is required in ENG1101 &amp; 1102</i>	3	3	
ENG1102 – Comp and Modern English II (required)	3		3
1000–2000 level course within Literature (3 hours)	3		3
1000–2000 level course with the Fine Arts (3)	3		3
1000–2000 level courses within the Humanities (6)	6	6	
<b>Area III (11 hours required )</b>	<b>11</b>	<b>3</b>	<b>8</b>
MTH1110 Finite Math (or higher) <i>Grade of C or above required.</i>	3	3	0
SCI 2233 + L233 Physical Science w/Lab	4		4
4 semester hours of any 1000–2000 level laboratory science class in Biology, Chemistry, Physics, or other Science Areas.	4		4
<i>(Working with a TROY Advisor, one of these Science Courses may be completed through CCAF Electives)</i>			
<b>Area IV (12 hours required)</b>	<b>12</b>	<b>6</b>	<b>6</b>
A 1000–2000 level course in History. <b>(req)</b>	3		3
Select 6 semester hours from the following:			
ANT2200 Anthropology	3		
CJ 1101 Introduction to Criminal Justice	3		
ECO2251 Principles of Macroeconomics	3		
ECO2252 Principles of Microeconomics	3		
GEO2210 World Regional Geography	3		
LDR1100 Introduction to Leadership	3	3	
PHI2205 Introduction to Logic	3		
PHI2210 Critical Thinking			
SOC2275 Introduction to Sociology	3	3	
<i>A 6 semester hour sequence in Literature or History is required. Please remember this requirement when selecting courses in Area II and IV.</i>	3		3
<b>Area V (all required)</b>	<b>4</b>	<b>0</b>	<b>4</b>
IS2241 Computer Concepts	3	#	3
TROY1101 University Orientation	1		1
<b>Electives</b>	<b>21</b>	<b>6</b>	<b>15</b>
<b>Totals</b>	<b>120</b>	<b>60</b>	<b>60</b>

Actual number of transfer credit hours awarded (and therefore the number of hours to be completed at TROY) will be based on actual courses completed successfully at CCAF for which there exists a TROY equivalent and could be slightly more or less than the example above. Students considering completing this BS degree at Troy University are encouraged to contact a military student advisor at TROY as early as possible so as to ensure maximum transferability and a smooth transition.

# – credit for IS2241 is often satisfied by CLEP

(as at 08/01/2019)