

MY DEGREE MAP

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN

B.A.S. RESOURCES & TECHNOLOGY MANAGEMENT—AVIATION OPERATIONS—UNMANNED AERIAL EMPHASIS —PROGRAM YEAR 2015-16

| 1 ST YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
|-------------------------------------|-----------|--------------|---------------------|--------------------|-----------------------|-------------------------|-----------------------|-------------------|--------------------------|---|
| | TROY 1101 | 1 | AREA III MTH COURSE | 3 | IS 2241 | 3 | AREA IV HIS COURSE | 3 | AREA II FINE ARTS COURSE | 3 |
| ENG 1101/03 | 3 | ENG 1102/04 | 3 | SCI 2233/LAB | 3/1 | AREA III SCI/LAB COURSE | 3/1 | AREA IV SS COURSE | 3 | |
| TOTAL | 4 | TOTAL | 6 | TOTAL | 7 | TOTAL | 7 | TOTAL | 6 | |
| 2 ND YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | PSY 2200 | 3 | ECO 2252 | 3 | SOC 2275 | 3 | AREA II HUM/FA COURSE | 3 | GEO 2210 | 3 |
| ECO 2251 | 3 | POL 2260 | 3 | AREA II LIT COURSE | 3 | SCI 2234/LAB | 3/1 | MKT 3300 | 3 | |
| TOTAL | 6 | TOTAL | 6 | TOTAL | 6 | TOTAL | 7 | TOTAL | 6 | |
| 3 RD YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | MGT 3300 | 3 | SCI 3365 | 3 | SOC 3370 | 3 | SS 3375 | 3 | REQ_MAJ ELEC | 3 |
| AFT 2200 | 3 | AFT 2202 | 3 | AFT 2204 | 3 | AFT 2206 | 3 | AFT 2208 | 3 | |
| TOTAL | 6 | TOTAL | 6 | TOTAL | 6 | TOTAL | 6 | TOTAL | 6 | |
| 4 TH YEAR | TERM 1 | | TERM 2 | | TERM 3 | | TERM 4 | | TERM 5 | |
| | BIO 4465 | 3 | FREE ELEC | 3 | AREA II HUM/FA COURSE | 3 | REQ_MAJ ELEC | 3 | REQ_MAJ ELEC | 3 |
| REQ_MAJ ELEC (AFT 2210 OR AFT 2212) | 3 | REQ_MAJ ELEC | 3 | REQ_MAJ ELEC | 3 | REQ_MAJ ELEC | 3 | FREE ELEC | 2 | |
| TOTAL | 6 | TOTAL | 6 | TOTAL | 6 | TOTAL | 6 | TOTAL | 5 | |
| TOTAL PROGRAM 120 | | | | | | | | | | |

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN

B.A.S. RESOURCES & TECHNOLOGY MANAGEMENT-AVIATION OPERATIONS-UNMANNED AERIAL EMPHASIS -PROGRAM YEAR 2015-16

COMPLETE ALL 6 SUB-REQUIREMENTS (61 HOURS)

A. AREA I:

TAKE THE FOLLOWING COURSES:

MINIMUM GRADE OF "C" REQUIRED

ENG-1101 COMP AND MODERN ENGLISH I 3 HOURS

ENG-1102 COMP AND MODERN ENGLISH II 3 HOURS

B. AREA II:

TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE 3 HOURS

TAKE ANY 1000-2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN 3 HOURS

FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.

TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL 6 HOURS

SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES,

RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE,

INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/ FINE ARTS AREAS.

C. AREA III:

TAKE MTH 1110 OR MTH 1112 OR HIGHER ("C" OR BETTER) 3 HOURS

TAKE SCI 2233/L233 3/1 HOURS

TAKE ANY 1000-2000 LEVEL SCIENCE CLASSES (CLASS AND CORRESPONDING LAB BOTH REQUIRED) 4 HOURS

FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2:

BIO-1100/L100, BIO 1101/L101, BIO 2202/L202, BIO 2229/L229, CHM 1115/L115, CHM 1142/L142, CHM 1143/L143, CHM 2242/L242, PHY 2252/L252, PHY 2253/L253, PHY 2262/L262, PHY 2263/L263

D. AREA IV:

TAKE THE FOLLOWING COURSES:

ECO 2251 PRINCIPLES OF MACROECONOMICS 3 HOURS

ECO 2252 PRINCIPLES OF MICROECONOMICS 3 HOURS

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY 3 HOURS

TAKE ONE 1000 2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: 3 HOURS

ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN

SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY,

RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS

E. AREA V:

TAKE THE FOLLOWING COURSES:

IS 2241 COMPUTER CONCEPTS & APPLICATIONS 3 HOURS

TROY 1101 UNIVERSITY ORIENTATION 1 HOUR

GEO 2210 WORLD REGIONAL GEOGRAPHY 3 HOURS

POL 2260 WORLD POLITICS 3 HOURS

PSY 2200 GENERAL PSYCHOLOGY 3 HOURS

SOC 2275 INTRODUCTION TO SOCIOLOGY 3 HOURS

SCI 2234/LAB EARTH & SPACE SCIENCE W/LAB 3/1 HOURS

EVERY REASONABLE ATTEMPT TO ENSURE ACCURACY HAS BEEN MADE. SOME COURSES (SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES) ARE NOT REFLECTED IN THIS DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENT.

A MINIMUM OF 60 HOURS IS REQUIRED FOR ALL ASSOCIATE DEGREE PROGRAMS.

AT LEAST 50% OF THIS DEGREE MUST BE FULFILLED USING TRADITIONAL ACADEMIC CREDIT.

A MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.

NOTE: PLEASE CONSULT THE CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.

THIS IS FOR THE ASSOCIATE ONES ONLY. I STILL HAVEN'T STARTED THE BACHELOR'S IN AVIATION ONES YET.



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B.A.S. RESOURCES & TECHNOLOGY MANAGEMENT-AVIATION OPERATIONS-UNMANNED AERIAL EMPHASIS -PROGRAM YEAR 2015-16

AVIATION OPERATIONS-UNMANNED AERIAL EMPHASIS (18 HOURS)

TAKE THE FOLLOWING COURSES:

| | | |
|----------|--|---------|
| BIO 4465 | OCCUPATIONAL SAFETY AND HEALTH | 3 HOURS |
| MGT 3300 | PRINCIPLES OF MANAGEMENT | 3 HOURS |
| MKT 3300 | PRINCIPLES OF MARKETING | 3 HOURS |
| SCI 3365 | PRINCIPLES OF APPLIED SCIENCE | 3 HOURS |
| SOC 3375 | SOCIETY AND ENVIRONMENT | 3 HOURS |
| SS 3375 | INTRODUCTION TO SOCIAL SCIENCE INQUIRY | 3 HOURS |

SPECIALIZATION

CHOOSE EITHER OPTION 1 (COURSES NOTED ON MAP) OR OPTION 2

OPTION 1: TAKE 18 SEMESTER HOURS OF THE FOLLOWING COURSES

| | | |
|----------|---|---------|
| BIO 4460 | CRITICAL ISSUES IN ENVIRONMENTAL MANAGEMENT | 3 HOURS |
| CJ 3335 | PRIVATE AND PUBLIC SECURITY ADMINISTRATION | 3 HOURS |
| CS 3310 | FOUNDATIONS OF COMPUTER SCIENCE | 3 HOURS |
| PSY 4410 | BUSINESS AND INDUSTRIAL PSYCHOLOGY | 3 HOURS |
| SCI 3366 | SURVEY OF ELECTRONICS TECHNOLOGY | 3 HOURS |
| SCI 3370 | TOXIC, RADIOACTIVE, & HAZARDOUS MATERIALS | 3 HOURS |
| SCI 4450 | SCIENCE IN A REGULATORY ENVIRONMENT | 3 HOURS |
| SOC 3310 | MINORITIES IN U.S. SOCIAL STRUCTURE | 3 HOURS |

OPTION 2: TAKE/APPLY 18 HOURS OF *SPECIALIZED CREDIT 18 HOURS

*CREDIT MAY BE AWARDED IN THIS AREA FOR SPECIALIZED TECHNICAL KNOWLEDGE BASED UPON AMERICAN COUNCIL OF EDUCATION (ACE) CREDIT RECOMMENDATION OR TRANSFER WORK FROM A REGIONALLY ACCREDITED (SACS, ETC) POST-SECONDARY COMMUNITY COLLEGE, OR TECHNICAL SCHOOL AS APPROVED BY THE ACADEMIC COUNCIL.

AVIATION OPERATIONS-AIRPLANE FLIGHT TRAINING

TAKE THE FOLLOWING COURSES:

| | | |
|----------|--|---------|
| AFT 2200 | UNMANNED AERIAL SYSTEMS OVERVIEW | 3 HOURS |
| AFT 2202 | PRINCIPLES OF UAS DESIGN | 3 HOURS |
| AFT 2204 | PRINCIPLES OF UAS SENSORS & SENSING SYSTEMS | 3 HOURS |
| AFT 2206 | HUMAN FACTORS IN UAS OPERATIONS & ACCIDENTS | 3 HOURS |
| AFT 2208 | LEGAL & ETHICAL CONSIDERATION FOR UAS OPERATIONS | 3 HOURS |

TAKE EITHER:

| | | |
|----------|------------------------------|---------|
| AFT 2210 | REAL WORLD APPLICATIONS | 3 HOURS |
| OR | | |
| AFT 2212 | UAS PILOTING FAMILIARIZATION | 3 HOURS |

FREE ELECTIVE REQUIREMENT (5 HOURS)

TAKE 5 SEMESTER HOURS OF FREE ELECTIVE CREDIT 5 HOURS