



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 |
| | ENG 1101/03 | 3 | ENG 1102/04 | 3 | SCI 2233/LAB | 3/1 | AREA II I 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 |
| | 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 |
| | 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 |

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 fine arts, including the disciplines of Art, music, theatre, film, or other fine arts area. 3 hours

Take Any Two 1000 2000 Level Courses With An Expanded Historical And Cultural 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. 6 hours

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) from the following science Disciplines: biology, chemistry, physics, physical science, or other Science areas. Select 2: 4 hours

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

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 |