Applied Science B.A.S. (A.S. to B.A.S.)

College of Undergraduate Studies
Regional Campuses Administration,
12201 Research Parkway, Suite 101
http://www.regionalcampuses.ucf.edu/

Jennifer Sumner, Jennifer.Sumner@ucf.edu, 407-823-4547

The Bachelor of Applied Science, available at selected sites, provides baccalaureate educational opportunities with a curriculum designed to develop competencies in organizational skills, management, and communication. Emphasis will also be placed on the development of skills in critical thinking, problem solving, and ethical decision-making. Candidates for this program must have earned a statewide articulated A.S. from a Florida College System institution in Fall 2000 or later. Students are allowed to take lower level, general education classes at the campus in Orlando if necessary. Students have the option of completing the state-approved general education program at a Florida College System institution or State University and must request an official transcript with "general education requirements met" on the transcript and sent to the UCF Registrar prior to the student’s graduating term from the University of Central Florida. Students who choose to complete their general education program at UCF must meet all of UCF’s current course requirements. Students may not be transient in their last 30 hours of study at UCF. If students wish to take an upper division course at the main Orlando campus, they should see a Regional Campus academic advisor. This will be allowed only on a very limited basis and will come from the following areas:

Admission Requirements
- Completion of an A.S. degree from a Florida College System institution in Fall 2000 or later including at least 15 hours of transferable general education courses. Other applicants will be given individual review.

Degree Requirements
- Students must earn 42 semester hours of upper level credit.
- Students who change degree programs and select this major must adopt the most current catalog.
- Students should maintain contact with an academic advisor to guarantee timely completion of all requirements including Gordon Rule, Foreign Language Admission, and General Education.

1. UCF General Education Program (GEP) (36 hrs)
- Students will complete their remaining General Education courses after admission to UCF. The remaining courses will be determined in consideration of General Education courses completed as part of the articulated A.S. and will come from the following areas:

A: Communication Foundations (9 hrs)
B: Cultural & Historical Foundations (9 hrs)
C: Mathematical Foundations (6 hrs)
D: Social Foundations (6 hrs)
E: Science Foundations (6 hrs)

2. Common Program Prerequisites (CPP)
- None

3. Core Requirements: Basic Level (9 hrs)
MAN 3025 Management of Organizations 3 hrs

Select 1:
- BUL 3130 Legal and Ethical Environment of Business 3 hrs
- PLA 3014 Law and the Legal System 3 hrs

Select 1:
- ENC 3241 Writing for the Technical Professional 3 hrs
- ENC 3250 Professional Writing 3 hrs

4. Core Requirements: Advanced Level
- None

5. Restricted Electives
- Area of Concentration (Choose one)
- All tracks are not available at all locations.

Criminal Justice Track 18 hrs
- Take all of the following: 6 hrs
  - CCJ 3024 Criminal Justice System and Policy 3 hrs
  - CCJ 3014 Crime in America 3 hrs
- Select 2: 6 hrs
  - CJL 3510 Prosecution and Adjudication or 3 hrs
  - CJ 3010 Corrections and Penology or 3 hrs
  - CJ 4014 Police and Society 3 hrs

Select 2: 6 hrs
- Six additional hours of CCJ, CJC, CJE, CJL, or CJT courses, selected with the aid of an academic advisor

Legal Studies Track 18 hrs
- Take all of the following: 6 hrs
  - PLA 3014 Law and the Legal System and Policy 3 hrs
  - PLA 3108 Legal Research 3 hrs
- Select 4: 12 hrs
  - PLA 3155 Legal Writing or 3 hrs
  - PLA 3205 Civil Practice and Procedure or 3 hrs
  - PLA 3277 The Law of Torts or 3 hrs
  - PLA 3309 Criminal Procedure or 3 hrs
  - PLA 4242 The Law of Contracts or 3 hrs
  - PLA 4703 Professional Ethics and Liability 3 hrs

Health Services Administration 18 hrs
- Take all of the following: 15 hrs
  - HSA 3111 U.S. Health Care Systems and Policy 3 hrs
  - HSC 4201 Community Health and Epidemiology 3 hrs
  - HSA 4180 Organization & Management for Health Services Administrators 3 hrs
  - HSA 4191 Fundamentals of Health Information Technology and Policy 3 hrs
  - HSC 4500 Epidemiology 3 hrs
- Select 1: 3 hrs
  - HSC 4652 Health Law and Ethics or 3 hrs
  - HSA 4109 Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans or 3 hrs
  - HSA 4702 Health Sciences Research Methods or 3 hrs
  - HIM 4508C Quality Management 3 hrs

Information Technology Track 21 hrs
- Requirements for the track: An A.S. degree in computer science, computer related field or at a minimum an A.S. degree and at least 3 different computer technology courses from computer applications, computer programming, Internet technologies or equivalent experience or education. The track has a computer programming course prerequisite equivalent experience or C.I.

Acceptable courses include C, C++, C#, Visual Basic, Java, or equivalent, or C.I.
- Take all of the following: 21 hrs
  - CET 3383 Applied Systems Analysis I and Analysis 3 hrs
  - CET 4427 Applied Database I and Analysis 3 hrs
  - ETI 4418 Applied Project Management and Engineering 3 hrs
  - CET 4748 Wide Area Networks I and Engineering 3 hrs
  - CET 4749 Wide Area Networks II and Engineering 3 hrs
  - CET 4663 Computer and Network Security and Engineering 3 hrs
  - CET 4483 Intro to Local Area Network Technology and Engineering 3 hrs

Software Development Track 21 hrs
- Requirements for the track: An A.S. degree in Computer Programming and Analysis (CPA), or at a minimum an A.S. degree and at least 3 programming courses (an intro and 2 courses in the same language in sequence) and a database course.
- Take all of the following: 21 hrs
  - COP 3330 Object Oriented Programming and Analysis 3 hrs
  - CEN 3024 Software Development I and Analysis 3 hrs
  - CEN 4025 Software Development II and Analysis 3 hrs
  - CEN 4910 Software Development Project and Analysis 3 hrs
  - ETI 4448 Applied Project Management and Engineering 3 hrs
  - CEN 4802 Software Integration, Configuration, and Management 3 hrs
  - CEN 4333 Advanced Database Development 3 hrs
6. Capstone Requirements
   None

7. Foreign Language Requirements
   Admissions
   Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
   Graduation
   None

8. Electives
   As required to complete upper level credit hour requirements.
   Consult with Program Advisor.

9. Additional Requirements
   None

10. Required Minors
    None

11. Departmental Exit Requirements
    None

12. University Minimum Exit Requirements
    A 2.0 UCF GPA
    60 semester hours earned after CLEP awarded
    48 semester hours of upper division credit completed
    30 of the last 39 hours of course work must be completed in residency at UCF.
    A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
    Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required
120

Honors In Major
None

Related Programs
None

Certificates
None

Related Minors
Consult Program Advisor.

Advising Notes
Students may use 3 hours of internship as a part of the upper division requirements.

Transfer Notes
Students have the option of completing the state approved general education program at a Florida College System institution or State University and must request an official transcript with “general education requirements met” on the transcript to be sent to the UCF Registrar prior to the student’s graduating term from the University of Central Florida. Students who choose to complete their general education program at UCF must meet all of UCF’s current course requirements. Students may not be transient in their last 30 of 39 hours at UCF.
Lower division courses do not substitute for upper division courses.
Orientation and advising are two of the most valuable tools that a student can use when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses
None

Plan of Study
None

Program Academic Learning Compacts
Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oeas.ucf.edu/academiclearningcompacts.html