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

### College of Undergraduate Studies

**Regional Campuses Administration, 12201 Research Parkway, Suite 101**


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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 of 39 hours 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 under highly extenuating circumstances. If you have any questions regarding this policy or procedure, please contact Regional Campuses Advising at 407-823-4547.

### 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:

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Communication Foundations</td>
<td>(9 hrs)</td>
<td></td>
</tr>
<tr>
<td>B: Cultural &amp; Historical Foundations</td>
<td>(9 hrs)</td>
<td></td>
</tr>
<tr>
<td>C: Mathematical Foundations</td>
<td>(6 hrs)</td>
<td></td>
</tr>
<tr>
<td>D: Social Foundations</td>
<td>(6 hrs)</td>
<td></td>
</tr>
<tr>
<td>E: Science Foundations</td>
<td>(6 hrs)</td>
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</tbody>
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#### 2. Common Program Prerequisites (CPP)

- None

#### 3. Core Requirements: Basic Level (9 hrs)

- MAN 3025 Management of Organizations 3 hrs

#### Select 1: 3 hrs

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

#### Select 1: 3 hrs

- 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 3 hrs
  - CCJ 3014 Crime in America 3 hrs
- **Select 2:** 6 hrs
  - CJL 3510 Prosecution and Adjudication or 3 hrs
  - CJC 3010 Corrections and Penology or 3 hrs
  - CJE 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 3 hrs
  - PLA 3198 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 4424 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 3 hrs
  - HSC 4201 Community Health and 3 hrs
  - HSA 4180 Organization & Management for Health Agencies I and 3 hrs
  - HSA 4191 Fundamentals of Health Information Technology and 3 hrs
  - HSC 4500 Epidemiology 3 hrs
- **Select 1:** 3 hrs
  - HSC 4552 Health Law and Ethics or 3 hrs
  - HSA 4199 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 technology, computer related field or at a minimum an A.S. degree and at least 3 different computer technology courses from computer applications, computer networking, internet technologies or equivalent experience or education. The track has a computer programming course prerequisite or equivalent experience or C.J.
- 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 3 hrs
  - CET 4427 Applied Database I and 3 hrs
  - ETL 4418 Applied Project Management and 3 hrs
  - CET 4748 Wide Area Networks I and 3 hrs
  - CET 4749 Wide Area Networks II and 3 hrs
  - CET 4663 Computer and Network Security and 3 hrs
  - CET 4483 Intro to Local Area Network Technology 3 hrs

#### Software Development Track 21 hrs

- Requirements for the track: An A.S. degree in Computer Programming and Analysis (CP&A), 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 3 hrs
  - CEN 3024 Software Development I and 3 hrs
  - CEN 4025 Software Development II and 3 hrs
  - CEN 4910 Software Development Project and 3 hrs
  - ETL 4448 Applied Project Management and 3 hrs
  - CEN 4802 Software Integration, Configuration, and Testing and 3 hrs
  - CEN 4333 Advanced Database Development 3 hrs
Articulated A.S. Programs

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