

# BACHELOR OF APPLIED SCIENCE

## Take the next step.



**Earn a Bachelor of Applied Science (BAS) online through Boise State University.**

**The BAS complements and builds on your technical associate degree (AAS) and is the perfect next step to advance your career.**



**Complete your degree fully online**



**Full- or part-time options to fit your schedule**



**Maximize your technical education**

*“The BAS program has allowed me to develop different skills and set me up to be a leader and supervisor. It has prepared me for my future.”*

**- Brandon H., Bachelor of Applied Science Student**



**BOISE STATE UNIVERSITY**

**Contact us for more information:**

**[appliedscience@boisestate.edu](mailto:appliedscience@boisestate.edu)**

**(208) 426-3496**

**[appliedscience.boisestate.edu](http://appliedscience.boisestate.edu)**

# ONLINE TRANSFER GUIDE

Associate of Applied Science,  
Aerospace Technology  
Advanced Manufacturing



## 1st Semester

Course Title	Credits
AERO 110 Safety/OSHA	1
AERO 111 Blueprint Reading	2
AERO 120 Introduction to Composites	3
AERO 121 Composite Fabrication Methods/Applications	2
AERO 122 Composite Finish Trim	1
AERO 123 Composite Assembly	2
AERO 130 Disassembly and Damage Removal Techniques	1
MATH 123 Contemporary Math (or higher)	3-5

## 2nd Semester

Course Title	Credits
AERO 131 Composite Repair	2
AERO 132 Complex Composite Repair	1
AERO 133 Electrical Bonding Repair	1
AERO 140 Introduction to Quality Assurance	3
AERO 141 Geometric Dimensioning and Tolerance	1
AERO 142 Composite Inspection	1
ENGL 101 English Composition	3
General Elective	3

## 3rd Semester

Course Title	Credits
AERO 151 Introduction to CNC Mill	3
AERO 152 CNC Mill Setup and Operation	3
AERO 153 Aerospace CNC Mill Operation	3
AERO 154 5 Axis Mill Setup and Operation	3
COMM 101 Introduction to Speech Communication	3
AAS Social and Behavioral Ways of Knowing	3

## 4th Semester

Course Title	Credits
AERO 101 Aviation Science	3
AERO 170 Visual Inspection Materials and Processes	2
AERO 171 Liquid Penetrant Theory	1
AERO 174 Magnetic Particle Theory	1
AERO 177 Eddy Current Theory	2
AERO 180 Ultrasonic Theory	2
AERO 183 Thermographic Theory	1
AERO 190 Nondestructive Testing and Inspection Lab	2
AAS Institutionally Designated	3

Bachelor of Applied Science,  
Business Bridge to Career  
Minor



## 1st Semester

Course Title	Credits
BAS 305 Introduction to the Applied Sciences	1
ENGL 102 Intro to College Writing and Research	3
DLV Visual and Performing Arts	3
DLL Literature and Humanities	3
DLN Natural, Physical, and Applied Science	3
Elective	3

## 2nd Semester

Course Title	Credits
DLN Natural, Physical, and Applied Science w/lab	4
UF 200 Civic and Ethical Foundations	3
BAS 310 Communication in the Applied Sciences	3
BUSBTC 301 Business Foundations 1	3
BUSBTC 302 Business Foundations 2	3

## 3rd Semester

Course Title	Credits
BAS 425 Creating a Culture of Safety	3
BUSBTC 310 Creating Value for People	3
BUSBTC 320 Creating Value for Customers	3
BUSBTC 330 Creating Value through Investment	3
MDS 410 Case Studies in Leadership	3

## 4th Semester

Course Title	Credits
BAS 495 Capstone in the Applied Sciences	3
BUSBTC 410 Business Analysis	3
MDS 420 Globalization	3
MDS 430 Ethics	3
MDS 440 Project Management and Design	3

*\*This is a sample degree pathway.*



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