

# 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, Automation Engineering Technology



### 1st Semester

Course Title	Credits
General Education Math	3
FPTC 135 Controls and Instrumentation	3
FPTC 142 PLC Systems 1	3
FPTC 172 Industrial Electronics	3
MANT 105 CAD Engineering Design	3

### 2nd Semester

Course Title	Credits
COMM 101 Fundamentals of Oral Communication	3
SOCY 105 Human Relations	3
FPTC 165 Lean Manufacturing	3
FPTC 242 PLC Systems 2	3
FPTC 250 Machine Maintenance	3

### 3rd Semester

Course Title	Credits
ENGL 101 English Composition 1	3
PHYS 100 Survey of Physics	4
FPTC 236 Process Control 1	3
FPTC 246 Applied Automation 1	3
FPTC 272 Circuits Theory	3

### 4th Semester

Course Title	Credits
FPTC 237 Process Control 2	3
FPTC 247 Applied Automation 2	3
FPTC 278 Diagnostics and Troubleshooting	4
FPTC 280 Projects/Capstone Program	4
Gen Ed Elective	2

## Bachelor of Applied Science, Business Bridge to Career Minor



BOISE STATE UNIVERSITY

### 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
Elective	3
Elective	3

### 2nd Semester

Course Title	Credits
DLN Natural, Physical, and Applied Science	3
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



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