

# 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, Machining and CNC Technology



### 1st Semester

Course Title	Credits
MACH 150 Machining Technology Theory I	6
MACH 151L Machining Technology Lab I	6
MACH 171 Blueprint Reading	2
AAS Mathematical Ways of Knowing (MATH 143 recommended)	3-5

### 2nd Semester

Course Title	Credits
ENGL 101 English Composition	3
MACH 152L Machining Technology Lab II	5
MACH 160 Manufacturing Processes	4
MACH 172 Blueprint Reading II	2
AAS Social and Behavioral Ways of Knowing	3

### 3rd Semester

Course Title	Credits
COMM 101 Introduction to Speech Communication	3
MACH 231 Computers in Machining	3
MACH 253L Advanced Machining Lab I	5
MACH 273 Intermediate Blueprint Reading	3
MACH 283 Computer Numerical Control Theory I	5

### 4th Semester

Course Title	Credits
MACH 254L Advanced Machining Lab II	5
MACH 274 Geometric Dimensioning and Tolerancing	3
MACH 284 Advanced Machining Processes and Techniques	5
AAS Institutionally Designated	3
General Elective	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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