

# 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, Machine Tool Technology



### 1st Semester

Course Title	Credits
MAC 103 Machine Shop Laboratory I	6
MAC 126 Related Blueprint Reading I	2
MAC 143 Related Machine Shop Mathematics	3
MAC 153 Machine Shop Theory I	3
COM 101 Fundamentals of Oral Communication	3

### 2nd Semester

Course Title	Credits
MAC 104 Machine Shop Laboratory II	6
MAC 127 Related Blueprint Reading	2
MAC 154 Machine Shop Theory II	3
MAT 123 Mathematics in Modern Society	3
SOC 101 Introduction to Sociology	3

### 3rd Semester

Course Title	Credits
MAC 203 Advanced Machine Shop Laboratory 1	6
MAC 211 Fundamentals of Computer-Aided Drafting and Design	2
MAC 224 Tool Design for Manufacturing	2
MAC 253 Advanced Machine Shop Theory	3
ENG 101 English Composition	3

### 4th Semester

Course Title	Credits
MAC 204 Advanced Machine Shop Lab II	3
MAC 212 Computer-Aided Manufacturing	3
MAC 225 Geometric Dimensioning & Tolerancing	3
MAC 254 Advanced Machine Shop Theory II	3
PSY 101 Introduction to Psychology	1
Any General Ed 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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