

BACHELOR OF APPLIED SCIENCE

Take the next step.



Earn a Bachelor of Applied Science (BAS) at 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 online or in-person



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

(208) 426-3496

appliedscience.boisestate.edu

TRANSFER GUIDE

Associate of Applied Science,
Machine Tool Technology



1st Semester

Course Title	Credits
MACH 103 Machine Shop Laboratory 1	3
MACH 104 Machine Shop Laboratory 2	3
MACH 126 Related Blueprint Reading 1	2
MACH 143 Related Machine Shop Mathematics	3
MACH 153 Machine Shop Theory 1	2
MACH 154 Machine Shop Theory 2	2
GEM 2 Oral Communication	3

2nd Semester

Course Title	Credits
MACH 105 Machine Shop Laboratory 3	6
MACH 127 Related Blueprint Reading 2	2
MACH 155 Machine Shop Theory 3	2
MACH 224 Tool Design for Manufacturing	2
GEM 3 Mathematical Ways of Knowing	3

3rd Semester

Course Title	Credits
MACH 203 Advanced Machine Shop Laboratory 1	6
MACH 211 Fundamentals of Computer-Aided Drafting and Design	2
MACH 225 Geometric Dimensioning and Tolerancing	2
MACH 253 Advanced Machine Shop Theory 1	3
GEM 1 Written Communication	3

4th Semester

Course Title	Credits
MACH 204 Advanced Machine Shop Laboratory 2	6
MACH 212 Computer-Aided Manufacturing	3
MACH 254 Advanced Machine Shop Theory 2	3
GEM 6 Social & Behavioral Ways of Knowing	3
GE Elective General Education Course	3
GE Elective General Education Course	3

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
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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