

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

(208) 426-3496

appliedscience.boisestate.edu

ONLINE TRANSFER GUIDE

Associate of Applied Science, Machining and Manufacturing Technology



1st Semester

Course Title	Credits
ENGL 101 English Composition 1	3
MANT 120 Blueprint Reading	2
MANT 131 Machine Tool Theory 1	2
MANT 131L Machine Tool Lab 1	3
MANT 132 Machine Tool Theory 2	2
MANT 132L Machine Tool Lab 2	3

2nd Semester

Course Title	Credits
MATH 123 Math in Modern Society	3
SOCY 105 Human Relations	3
MANT 105 CAD Engineering Design	3
MANT 145 NC and CNC VMC	3
MANT 244 Advanced Machining	4

3rd Semester

Course Title	Credits
COMM 101 Fundamentals of Oral Comm	3
PHYS 100 Survey of Physics	4
MANT 146 NC and CNC Lathe	3
MANT 156 CAD/CAM Applications	3
MANT 205 Advanced CAD Engineering Design	3

4th Semester

Course Title	Credits
MANT 165 Lean Manufacturing	3
MANT 250 Machine Maintenance	3
MANT 256 Advanced CAD/CAM Applications	4
MANT 290 Comprehensive Manufacturing Project	4

Bachelor of Applied Science, Business Bridge to Career Minor



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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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