

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,
Heavy Equipment Technician



1st Semester

Course Title	Credits
TTEC 100 Safety and Introduction to Shop Practices	2
TTEC 101 Safety and Shop Practices Lab	2
TTEC 104 Introduction to Electrical	1
TTEC 105 Electrical Systems	3
TTEC 110 Engines/Engine Controls	4
GEM 2 Oral Communication	3
GEM 3 Mathematical Ways of Knowing	3

2nd Semester

Course Title	Credits
TTEC 120 Mobile Hydraulics/Braking Systems	4
TTEC 130 Drivetrains/Steering and Suspension	4
TTEC 140 Preventive Maintenance/HVAC	4
GEM 6 Social & Behavioral Ways of Knowing	3

3rd Semester

Course Title	Credits
IPDT 150 Truck Driving Skills	3

4th Semester

Course Title	Credits
TTEC 220 Advanced Electrical Systems	4
TTEC 230 Advanced Engine/Engine Control	4
TTEC 240 Advanced Drivetrains/Steering and Suspension	4
GEM 1 Written Communication	3

5th Semester

Course Title	Credits
TTEC 250 Advanced Braking Systems	4
TTEC 260 Advanced Preventive Maintenance/HVAC	4
TTEC 280 Heavy-Duty Truck Capstone	4
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 Sciences	3
Elective	3

2nd Semester

Course Title	Credits
DLN Natural, Physical, and Applied Sciences 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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