

# 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](mailto:appliedscience@boisestate.edu)**

**(208) 426-3496**

**[appliedscience.boisestate.edu](http://appliedscience.boisestate.edu)**

# TRANSFER GUIDE

Associate of Applied Science,  
Heavy Equipment Technician



## 1st Semester

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

## 2nd Semester

Course Title	Credits
HTEC 120 Mobile Hydraulics Systems	4
HTEC 130 Powertrains	4
HTEC 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
HTEC 220 Advanced Electrical Systems	4
HTEC 240 Advanced Powertrains	4
HTEC 250 Advanced Hydraulic Systems	4
GEM 1 Written Communication	3

## 5th Semester

Course Title	Credits
HTEC 230 Advanced Engine/Engine Controls	4
HTEC 260 Advanced Preventive Maintenance/HVAC	4
HTEC 280 Heavy Equipment Capstone	4
GE Elective General Education Course	3
GE Elective General Education Course	3

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
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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