

# 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, Renewable Energy Systems Technology



### 1st Semester

Course Title	Credits
ENGL 101 English Composition 1	3
General Education Math	3
ISMT 110 Industrial Safety	2
ISMT 120 Industrial Tools and Equipment	2
ISMT 130 Mechanical Drive Systems	3
ISMT 140 Fluid Power	3

### 2nd Semester

Course Title	Credits
Gen Ed Social Science	3
College Level Elective	3
ISMT 150 Fundamentals of Electricity	4
ISMT 160 Electric Motors, Generators & Controls	2
ISMT 170 Industrial Electricity	2
ISMT 180 Programmable Logic Controllers	2

### 3rd Semester

Course Title	Credits
PHYS 100 Survey of Physics	4
ISMT 200 Competent Climber	2
ISMT 205 Fundamentals of Rigging	1
SOLR 210 Intro to Renewable Energy Systems	1
SOR 220 Solar Thermal Systems	2
SOLR 230 Solar Photovoltaic Systems	4

### 4th Semester

Course Title	Credits
COMM 101 Fundamentals of Oral Comm	3
WIND 210 Residential Wind Energy Systems	2
WIND 220 Data Acquisition and Circuits	4
WIND 230 Wind Turbine Simulation	2
WIND 240 Diagnostics and Troubleshooting	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
Elective	3
Elective	4

### 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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