# Bachelor of Science in Diesel Technology 2021-2022

## Freshman Year
### Fall Credits Completed
- DST 115 Intro to Diesel Fuel Systems with Lab 5
- DST 216 Heavy Duty Power Trains with Lab 4
- WLDG 110 Welding Theory I 2
- WLDG 111 Welding Theory I Practical 2
- **Category I: Communication**
- **3**

**Total Credits 16**

### Spring Credits Completed
- ATDI 265 Heating and Air Conditioning with Lab 4
- DST 104 Intro to Diesel Engines 3
- DST 114 Intro to Diesel Engines Lab 3
- **Category II: Mathematics**
- 3(4)

**Total Credits 13 (14)**

## Sophomore Year
### Fall Credits Completed
- ATDI 134 Electrical/Electronic Systems I with Lab 6
- DST 204 Intro to Hydraulics and Pneumatics 2
- DST 214 Intro to Hydraulics and Pneumatics Lab 2
- DST 264 Diesel Engine Diagnosis and Repair Lab 3
- DST 274 Diagnosis of Diesel Engine and Repair Lab 3

**Total Credits 16**

### Spring Credits Completed
- ATDI 257 Automatics with Lab 4
- ATDI 264 Electrical/Electronic Systems II with Lab 6
- DST 219 Heavy Duty Chassis with Lab 4
- DST 273 Diesel Shop Practices with Lab 4

**Total Credits 18**

## Junior Year
### Fall Credits Completed
- ATDI 384 Automotive/Diesel Electrical/Electronic Systems III with Lab 4
- MCH 200 Machining with Lab 3
- **Category III: Natural Sciences with Lab** Any course in this area 3
- **Category IV: Social Sciences & History** Any course in this area 3
- **Category VII: Technology** Any course in this area 3

**Total Credits 16**

### Spring Credits Completed
- DST 314 Hydraulics and Pneumatics II with Lab 4
- WLDG 260 Repair and Maintenance Welding with Lab 3
- **Category I: Communication**
- WRIT 350 Technical Editing 3
- **Category IV: Social Sciences & History** Any course in this area 3
- **Category VI: Humanities & Fine Arts** Any course in this area 3

**Total Credits 16**

## Senior Year
### Fall Credits Completed
- ATDI 400 Shop Procedures 3
- DST 420 Diesel Shop Management 2
- DST 440 Advanced Fuel Systems with Lab 4
- **Category V: Cultural Diversity** Any course in this area 3
- **Category VI: Humanities & Fine Arts** Any course in this area 3

**Total Credits 15**

### Spring Credits Completed
- DST 434 Current Model Year Technology (Capstone) 3
- DST 450 Diagnosis of Power Shifts and Heavy Duty Automatics with Lab 4
- DST 498 Cooperative Education 3
- TSCI 304 Fuels and Lubricants 3

**Total Credits 13**

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Montana State University-Northern  |  300 13th St W, Havre MT 59501  |  www.msun.edu  |  406.265.3700
Northern’s Bachelor of Science in Diesel Technology is recognized nationally as the premier program for diesel technicians who are aiming for a career in the industry. Our 4-year degree is even accredited by the Associated Education Distributors Foundation for meeting their rigorous requirements and standards. Our program provides students with a balanced, detail-oriented education. Students will not only learn the principles used in the industry, but also receive hands-on training on a variety of industry-standard machines and equipment.

Students who want to go above and beyond have the option of tailoring their degree to meet specific goals. The Field Maintenance option includes welding and fabrication courses that enable a graduate to work in construction or off-site locations. The Equipment Management option focuses on upper-level business and accounting skills.

You’re going to need 15. That’s the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you’re looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.