Mechanical Engineering at UAF

Year 1

Fall
- MATH251(4) Calculus I
- ES101(3) Intro Engr
- CHEM105(4) Chemistry
- Comm/PHC (3)  

Spring
- MATH252(4) Calculus II
- ES201(3) Comp Tech
- CHEM106(4) Chemistry
- Comm/PHC (3)

Total Credits: 17

Year 2

Fall
- PHYS211(4) Physics
- PHYS212(4) Physics
- ME321(3) Ind Processes
- ME313(3) Thermodyn.
- LS101X (1)

Spring
- MATH263(4) Calculus III
- ME319(3) Statics
- ME346(3) Thermodynamics
- Optional (3)
- Comm/PHC (3)

Total Credits: 17

Year 3

Fall
- MATH302(3) Diff Eqns
- ES301(3) Engr Analysis
- ME302(4) Dyn Machine
- ME313(3) ME Thermo
- ME Elective (3)

Spring
- MATH304(4) Complex Analysis
- ES309(3) Fluid Mech
- ME Elective (3)
- Comm/PHC (3)
- Comm/PHC (3)

Total Credits: 17

Year 4

Fall
- ME408(3) Vibrations
- ME446(3) Design
- ESM450(3) Econ A & O
- ME Elective (3)
- ME Elective (3)

Spring
- ME447(3) Mech Design
- ME415(3) Therm Sys
- ESM450(3) Econ A & O
- ME Elective (3)
- Comm/PHC (3)

Total Credits: 17

17 Credits

Legend:
- Mandatory lab included
- Co-requisites
- Prerequisites
- Semester offered
- Credits
- Course name
- Course #