

It is recommended that you use DegreeWorks on your [UAOnline](#) account for the most up to date and reliable degree requirements.

This worksheet is for planning purposes only!

Total credits needed as per catalog: 127

General UAF Requirements:

COMMUNICATIONS: (9)

WRTG 111X (3) _____

WRTG 211X, 212X, 213X or 214X (3) _____

COJO 121X, 131X or 141X (3) _____

ARTS: (3) _____

HUMANITIES: (3) _____

SOCIAL SCIENCE: (6) _____

ADDITIONAL ART/HUM./S.S.: (3) _____

See catalog for current list of qualifying elective courses.

Qualifying course numbers have an X extension

Alaska Native-themed (ANT): (0 or 3) _____

3 credits of a qualifying ANT course. This may be also a GER from those above, or a separate course.

ETHICS: (3)

BA 323X, COJO 300X, JUST 300X, NRM 303X,

PHIL 322X or PS 300X (3) _____

MATHEMATICS: (15)

MATH 251X (4) _____ MATH 252X (4) _____

MATH 253X (4) _____ MATH 302 (3) _____

NATURAL SCIENCE: (16)

CHEM 105X (4) _____ CHEM 106X (4) _____

PHYS 211X (4) _____ PHYS 212X (4) _____

LIBRARY & INFO SKILLS: (0 or 1)

LS 100X or 101X (1) _____

or LS competency test (0) _____

Mechanical Engineering Major Requirements:

A. Complete the following: (32)

ME 302 (4) _____

ME 308 (3) _____

ME 313 (3) _____

ME 321 (3) _____

ME 334 (3) _____

ME 403 (3) _____

ME 408 (3) _____

ME 415 (3) _____

ME 441 (3) _____

ME 486 (1) _____

ME 487 (3) _____

B. Complete a concentration (9-12)

Aerospace Concentration:

ME 450 (3) _____ ME 451 (3) _____

ME 452 (3) _____ ME 453 (3) _____

Petroleum Concentration:

ME 409 (3) _____ ME 416 (3) _____

ME 464 (3) _____ PETE 426 (3) _____

Mechanical Concentration:

Any two 400-level ME elective, plus one 400-level advisor approved engineering elective (may also be ME)

ME 4____(3) _____ ME 4____(3) _____

_____(3) _____

C. Complete the following: (28)

ES 100X (3) _____

ES 201 (3) _____

ES 209 (3) _____

ES 210 (3) _____

ES 301 (3) _____

ES 307 (3) _____

ES 331 (3) _____

ES 341 (3) _____

ES 346 (3) _____

D. Complete Fundamentals of Engineering (FE) Exam

Must have 39 **UPPER DIVISION CREDITS** and minimum of 24 UAF credits