

Bachelor of Science (Clarkson)
Associate of Science, Engineering Science (FMCC)

FMCC Curriculum

Equivalent Clarkson Course

Liberal Arts (12):

EN 103 English I

LS 195 Great Ideas I

EN 104 English II

LS 196 Great Ideas II

Social Science Electives (6)

HUM/SOC Foundation Courses

Mathematics (16):

MA 157 Analytical Geometry & Calculus I

MA 131 Calculus I

MA 158 Analytical Geometry & Calculus II

MA 132 Calculus II

MA 257 Analytical Geometry & Calculus III

MA 231 Calculus III

MA 258 Differential Equations

MA 232 Elem Differential Equations

MA 259 Linear Algebra

MA 339 Applied Linear Algebra

Science (20):

PH 171 Physics I

PH 131 Physics I

PH 172 Physics II

PH 132 Physics II

PH 271 Physics III

PH 231 Fund. of Modern Physics

CH 173 Chemistry I

CH 131 General Chemistry I

CH 174 Chemistry II

Ch 132 General Chemistry II

Computer Science (3):

CS 125 Computer Programming C++

ES 100 Intro to Eng. Use of Comp.

Engineering Science (13):

ES 235 Mechanics: Statics

ES 220 Statics

ES 251 Materials Science

ES 260 Materials Science & Eng. I

ES 236 Mechanics: Dynamics

ES 223 Rigid Body Dynamics

ES 281 Electric & Electronic Circuits

ES 250 Electrical Science