

**Bachelor of Science, Physics (Clarkson)**  
**Associate of Science, Liberal Arts & Sciences: Science (FMCC)**

FMCC Curriculum

Clarkson Course Equivalent

**Humanities/Social Sciences (24):**

EN 103 English I (3)

LS 195 Great Ideas I

EN 104 English II (3)

LS 196 Great Ideas II

Social Science Electives (6)

HUM/SOC Foundation Courses

Humanities Electives (6)

HUM/SOC Foundation Courses

Foreign Language (6)

Free Electives

**Mathematics (12-16):**

MA 157 Analytic Geometry & Calculus I

MA 131 Calculus I

MA 158 Analytic Geometry & Calculus II

MA 132 Calculus II

MA 257 Analytical Geometry & Calculus II

MA 231 Calculus III

MA 258 Differential Equations  
Equations

MA 232 Elem. Differential

**Science (15-20):**

PH 171 Physics I

PH 131 Physics I

PH 172 Physics II

PH 132 Physics II

PH 271 Physics III

PH 231 Modern Physics w/ Lab

CH 173 General Chemistry I

CM 131 General Chemistry I

CH 174 General Chemistry II

CM 132 General Chemistry II

**Electives (9):**

*Recommended Electives:*

BI 171 Modern Biology  
Biology

BY 153 Cellular & Molecular

BU 101 Principles of Business

Business Foundation Course

CS 115 Intro to Computer Logic **or**  
CS 125 Computer Programming C++ **or**  
CS 129 Visual Basic Programming

Foundation Computing Course