CARROLL COLLEGE

3-2 Engineering (MA 131 option)

(April 2007)

Freshman

Fall		Spring	
MA 131 Calculus	4	MA 232 Differential Equations and Linear Algebra I	4
CH 101 Inorganic Chemistry I	4	CH 102 Inorganic Chemistry II	4
EN 102 Composition	4	TH 101 Theology	3
LAS 101 Alpha Seminar	3	CO 101 Communications	3
ENGR 201 Intro to Engineering	1	ENGR 104 CAD	3
	16		17

Sophomore

MA 233 Multivariable Calculus	4	MA 334 Differential Eqns and Linear Algebra II	4
CORE (Fine Arts)	3	MA 336 Probability and Statistics I	2
PHYS 205 Engineering Physics I	4	ENGR 302 Engr Mechanics-Statics	3
ENWR 305 Technical Writing	3	PHYS 206 Engineering Physics II	4
Phil 207 Business Ethics**	3	EC 202 Principles of Economics II*	3
	17		16

Junior

ENGR Elective	3-4	ENGR 308 Thermodynamics	3
ENGR Elective	4	ENGR Elective	3-4
ENGR Elective or CORE (Literature)	3	ENGR Elective or CORE (Literature)	3
MA 341 (WI) or CORE (Phil or Theo)	3	MA 342 (WI) or CORE (Phil or Theo)	3
CORE (History)	3	EC 203 Project Management Econ	3
	16-17		15-16

*EC 202 is preferred but EC 201 is acceptable
**Phil 207 is preferred but any philosophy course in ethics is acceptable

If there is room in your schedule because of transfer, summer, or advanced placement credits, CS 110 Java Programming is strongly recommended.

Engineering electives are chosen with the approval of the engineering advisor.

Note: The CORE requirements are that each student shall have a Global Diversity (GD) course or experience and a National Diversity (ND) course or experience. These may be met by courses the student is taking to fulfill other CORE requirements. This plan assumes that both GD and ND will be met with a course that also fulfills another CORE requirement.