

**2018-2019 SAMPLE PARADIGM for a B.S. in Engineering Management
Sustainability Concentration**

Offered jointly by the School of Business and the School of Engineering

This sample paradigm shows a normal 4-year progression towards a degree in engineering management with a concentration in sustainability. Some of the courses should be taken in this order due to prerequisite structures, others may be switched.

FRESHMAN - Semester I

ENG 111	English Composition I	3 crs.
Math 131	Calculus I	3 crs.
SPCH 125	Communication	3 crs.
BIOL 107/L	Environmental Biology & Lab	4 crs.
RS	Religion Elective	3 crs.
CBU 101	Orientation	0 cr.
	<i>Total</i>	<i>16 crs.</i>

FRESHMAN YEAR - Semester II

ENG 112	English Composition II	3 crs.
ME 121	Solids Modeling	3 crs.
PHYS 150 & 150L	Physics I & Lab	4 crs.
MIS 153	Intro to Computer Business App	3 crs.
ANTH/SOC 160	Cultural Anthropology	3 crs.
	<i>Total</i>	<i>16 crs.</i>

SOPHOMORE YEAR - Semester I

CHEM 115 & 115L	Chemistry I and Lab	4 crs.
POLS 113	World Politics	3 crs.
	Technical Elective	3 crs.
PHIL 325	Environmental Ethics	3 crs.
ECON 214	Principles of Microeconomics	3 crs.
	<i>Total</i>	<i>16 crs.</i>

SOPHOMORE YEAR - Semester II

CE 329	Environmental Engineering I	2 crs.
ECON 215	Principles of Macroeconomics	3 crs.
RS 331	The Spirituality & Ethics of Eating	3 crs.
HUM 210	Sustainability	3 crs.
ENG	English Literature Elective	3 crs.
	<i>Total</i>	<i>14 crs.</i>

JUNIOR YEAR - Semester I

ENG 371	Business Writing	3 crs.
CE 429	Environmental Engineering II	2 crs.
ACCT 260	Financial Accounting	3 crs.
STAT 221	Elementary Statistics	3 crs.
MGMT 227	Foundations of Mgmt	3 crs.
	<i>Total</i>	<i>14 crs.</i>

JUNIOR YEAR - Semester II

	Technical Elective	3 crs.
ENGR 400	The Compleat Engrg Manager	3 crs.
ACCT 270	Managerial Accounting	3 crs.
STAT 222	Intermediate Statistics	3 crs.
MGMT 352	Organizational Behavior & Mgmt.	3 crs.
	<i>Total</i>	<i>15 crs.</i>

SENIOR YEAR - Semester I

ENGR 431	Sustainability Project I	1 cr.
FIN 327	Financial Management I	3 crs.
BLAW 301	Business Law I	3 crs.
MKTG 311	Principles of Marketing	3 crs.
PKG	Packaging Elective	3 crs.
PHYS 251/L	Physics II & Lab	4 crs.
	<i>Total</i>	<i>17 crs.</i>

SENIOR YEAR - Semester II

ENGR 432	Sustainability Project II	2 crs.
	Program Option	3 crs.
MGMT 418	Operations & Supply Chain Mgmt	3 crs.
MGMT 498	Business Policy/Strategic Planning	3 crs.
RS	Religion Elective	3 crs.
	<i>Total</i>	<i>14 crs.</i>

Total credits required for bachelor's degree completion: 122