

BOSTON UNIVERSITY COLLEGE OF ENGINEERING
Undergraduate Program Planning Sheet

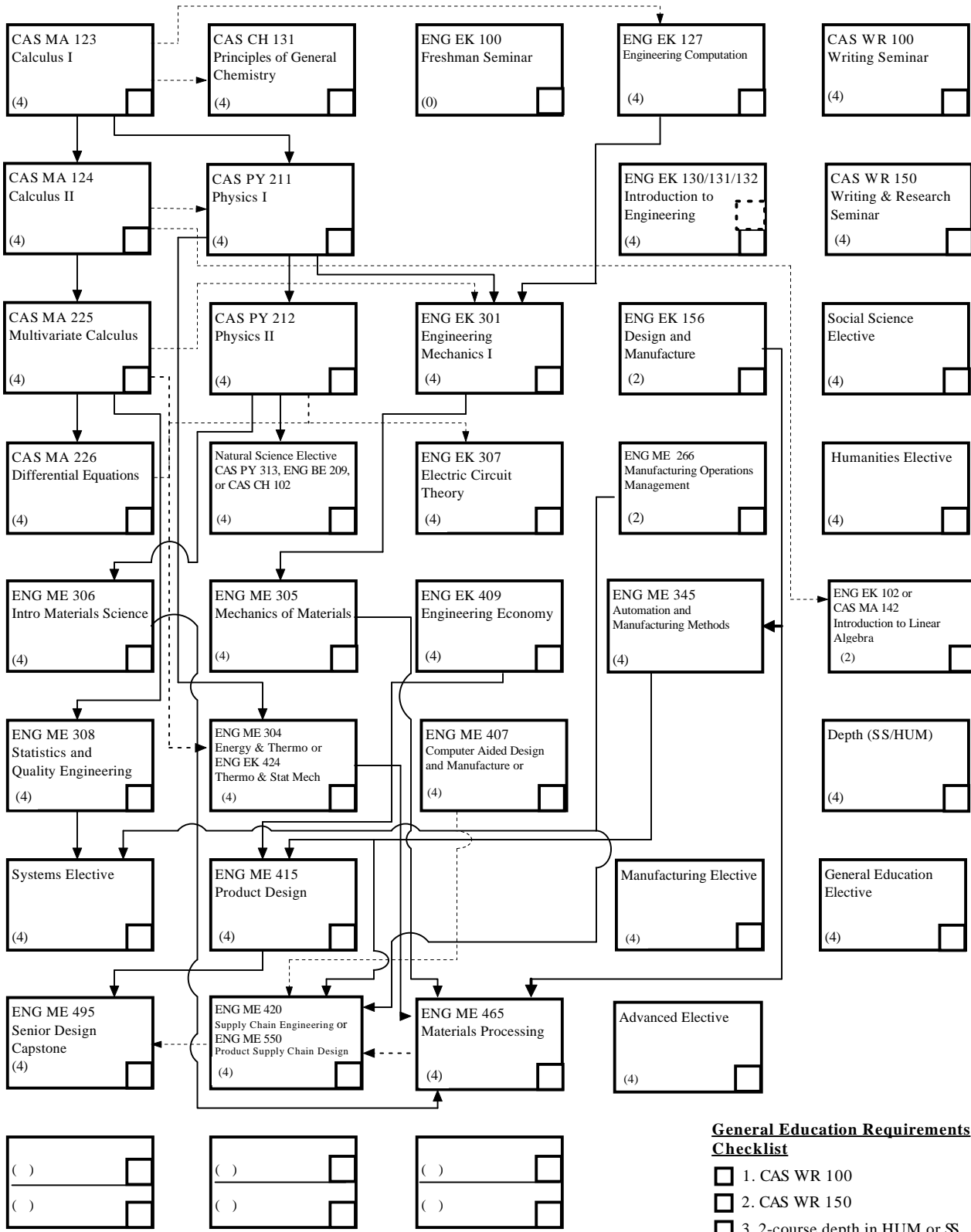
NAME: _____

B.U.I.D.# U _____

MAJOR: **MANUFACTURING ENGINEERING 2012**

DATE: _____

FRESHMAN 1
 FRESHMAN 2
 SOPHOMORE 1
 SOPHOMORE 2
 JUNIOR 1
 JUNIOR 2
 SENIOR 1
 SENIOR 2
 Extra Courses



Prereq.= —
 Coreq.= - - - -

GRADUATION REQUIREMENT: 134 credits
 Residency Requirement: 48 credits/Upper Division Program Courses at Boston University completed within 5 years preceding graduation

General Education Requirements Checklist

- 1. CAS WR 100
- 2. CAS WR 150
- 3. 2-course depth in HUM or SS
- 4. 1 course HUM or SS (in other than Depth)
- 5. 1 course General Education Elective
- 6. Total of at least 24 credits

GENERAL EDUCATION REQUIREMENTS

All students must fulfill the College of Engineering General Education Requirements in the following manner:

Writing Requirement: All Engineering students are required to satisfy the writing requirement by successfully completing CAS WR 100 and CAS WR 150.

2-course Depth String in either the Humanities or Social Sciences: Students must take **two 4-credit courses** in either the Humanities or Social Sciences, within the same area/department from the list of acceptable courses. A course that has one of the listed courses as a prerequisite is also acceptable.

1-course Distribution Requirement: Students must take one course in an area complementary to that in which they have established depth, i.e., if depth is established in the Humanities, the distribution course must be taken in the Social Sciences; if depth is established in the Social Sciences, the distribution course must be in the Humanities.

1 General Education Elective: Students who complete the College of Engineering writing, depth and distribution requirements in 5 courses must take an additional 4-credit course (or 2 two-credit courses) to satisfy the general education requirement. The elective course work can be chosen from any English, writing, social science, humanities or modern foreign language courses (including languages) taken in CAS. Students can also choose from the list of pre-approved courses in CFA, COM, SAR, SED, SHA or SMG, which can be found in the Undergraduate Student Handbook.

Core Curriculum: The Core Curriculum is an alternative path to completing the General Education requirements. Students who choose to complete their General Education requirements with the Core Curriculum or some combination of the Core Curriculum courses should contact the Undergraduate Programs Office in ERB 107 for more information.

A total of at least 6 courses with at least 24 credits are required to complete the General Education Requirements.

ACCEPTABLE SOCIAL SCIENCE (SS) COURSES *

Anthropology

CAS AN 101 Introduction to Cultural Anthropology
CAS AN 240 Legal Anthropology
CAS AN 252 Ethnicity and Identity
CAS AN 260 Sex and Gender in Anthropological Perspective

Archaeology

CAS AR 101 Introduction to Archaeology
CAS AR 205 Origins of Civilization

Economics

CAS EC 101 Introductory Microeconomics Analysis
CAS EC 102 Introductory Macroeconomics Analysis
CAS EC 111 Introductory Microeconomics Analysis-Special Achievement
CAS EC 112 Introductory Macroeconomics Analysis-Special Achievement
Please note: Students may not take both EC 101 and EC 111 or both EC 102 and EC 112.
Please note: EC 305 may not be taken to fulfill any General Education requirement.

Geography & Environment

CAS GE 100 Introduction to Environmental Science
CAS GE 102 The Cultural Landscape
CAS GE 103 Economic Geography
CAS GE 201 World Regional Geography I
CAS GE 226 Geography of the Boston Region
CAS GE 250 The Fate of Nations: Climate, Resources and Institutions
Please note: GE 101, 104 & 110 may not be taken to fulfill any General Education requirement.

History

CAS HI 101 The Dawn of Europe : Antiquity to the Renaissance
CAS HI 102 The Emergence of Modern Europe : Renaissance to the Present
CAS HI 151 The Emerging United States to 1865
CAS HI 152 The United States since 1865
CAS HI 176 World History II: 1500 to the Present
CAS HI 215 Political & Cultural Revolution in the Contemporary World
CAS HI 291 Reconstructing the African Past

International Relations

CAS IR 230 Fundamentals of International Politics
CAS IR 242 Globalization and World Poverty
CAS IR 271 Introduction to International Relations
CAS IR 374 Introduction to Security Studies

Political Science

CAS PO 101 Introduction to Political Science
CAS PO 211 Introduction to American Politics
CAS PO 241 Introduction to Public Policy
CAS PO 251 Introduction to Comparative Politic
CAS PO 271 Introduction to International Relations (same as IR 271)
CAS PO 291 Introduction to Political Theory

Psychology

CAS PS 101 General Psychology
CAS PS 222 Perception and Behavior
CAS PS 231 Physiological Psychology
CAS PS 234 Psychology of Learning
CAS PS 241 Developmental Psychology
CAS PS 251 Psychology of Personalities: Theories and Application
CAS PS 261 Social Psychology
Please note: PS 211, 322-327 may not be taken to fulfill any General Education requirement.

Sociology

CAS SO 100 Principles in Sociology
CAS SO 104 Introduction to Sociology: Health and Illness
CAS SO 108 Introduction to Sociology: Community
CAS SO 205 The American Family
CAS SO 225 Law and Society
CAS SO 242 Globalization and World Poverty
ENG EK 280 Technology and Society (same as CAS SO 277)

Women's Studies (SS)

CAS WS 113 Women, Society and Culture: Social Sciences

ACCEPTABLE HUMANITIES (HU) COURSES *

Archaeology

CAS AR 100 Great Discoveries in Archaeology
CAS AR 230 Archaeology of Classical Civilizations
CAS AR 232 Archaeology of Ancient Egypt

Art History

CAS AH 111 Introduction to Art History I: Antiquity to the Middle Ages
CAS AH 112 Introduction to Art History II: Renaissance to Today
CAS AH 205 Architecture: An Introduction
CAS AH 215 The Arts of Africa
CAS AH 220 Islamic Art and Architecture
CAS AH 225 The Arts of Asia
CAS AH 284 Arts in America

Classical Studies

CAS CL 101 The World of Greece
CAS CL 102 The World of Rome
CAS CL 213 Greek and Roman Mythology
CAS CL 321 Greek History
CAS CL 322 Roman History
CAS CL 324 Greek Drama in Translation

English Literature

CAS EN 121 Readings in World Literature
CAS EN 125 Readings in Modern Literature
CAS EN 127 Readings in American Literature
CAS EN 141 Literary Types: Fiction
CAS EN 142 Literary Types: Poetry
CAS EN 143 Literary Types: Drama
CAS EN 163 Readings in Shakespeare
CAS EN 164 Readings in Shakespeare

Modern Languages and Comparative Literature

CAS XL 222 Intro Comparative Lit: Western Literature (in English translation)
CAS XL 223 Intro Comparative Lit: Middle Eastern Lit (in English translation)
CAS XL 224 Intro Comparative Lit: East Asian Literature (in English translation)
CAS LC 250 Masterpieces of Chinese Fiction (in English translation)
CAS LC 350 Introduction to Chinese Literature
CAS LG 250 Masterpieces of German Literature (in English Translation)
CAS LG 350 Introduction to German Literature
CAS LH 250 Masterpieces of Modern Hebrew Literature (in English translation)
CAS LH 350 Hebrew Narrative: Biblical and Modern
CAS LJ 250 Masterpieces of Japanese Literature (in English translation)
CAS LJ 350 Self and Society in Modern Japanese Literature
CAS LR 250 Classics of Russian Prose (in English translation)
CAS LR 350 Introduction to Analysis of Russian Prose Texts

Music

CFA MU 111 Elements of Music Theory I
CFA MU 112 Elements of music Theory II
CAS MU 117 Music Appreciation I
CAS MU 118 Music Appreciation II
CAS MU 229 Masterpieces of Opera
CAS MU 242 Music and Society

Philosophy

CAS PH 100 Introduction to Philosophy
CAS PH 110 Great Philosophers
CAS PH 150 Introduction to Ethics
CAS PH 155 Politics and Philosophy
CAS PH 160 Reasoning and Argumentation
CAS PH 251 Medical Ethics
Please note: CAS PH 360 may not be taken to fulfill any General Education requirement.

Religion

CAS RN 100 Religion and Culture
CAS RN 101 The Bible
CAS RN 102 Sacred Journeys
CAS RN 103 Religions of the World: Eastern
CAS RN 104 Religions of the World: Western
CAS RN 201 The Hebrew Bible
CAS RN 202 Jesus to Christ: The Origins of Christianity

Romance Studies

CAS LX 240 Great Linguists
CAS LX 250 Introduction to Linguistics
CAS LF 250 Masterpieces of the French Novel (in English translation)
CAS LF 350 Introduction to Analysis of French Texts
CAS LI 250 Masterpieces of Modern Italian Literature (in English translation)
CAS LI 350 Italian Literature I: Medieval
CAS LS 250 The Novelistic Tradition in the Hispanic World (in English translation)
CAS LS 350 Introduction to Analysis of Hispanic Texts

Women's Studies (HU)

CAS WR 114 Women, Society and Culture: Humanities

* If a course is on the corresponding CAS divisional list, it is acceptable*