

BOSTON UNIVERSITY COLLEGE OF ENGINEERING

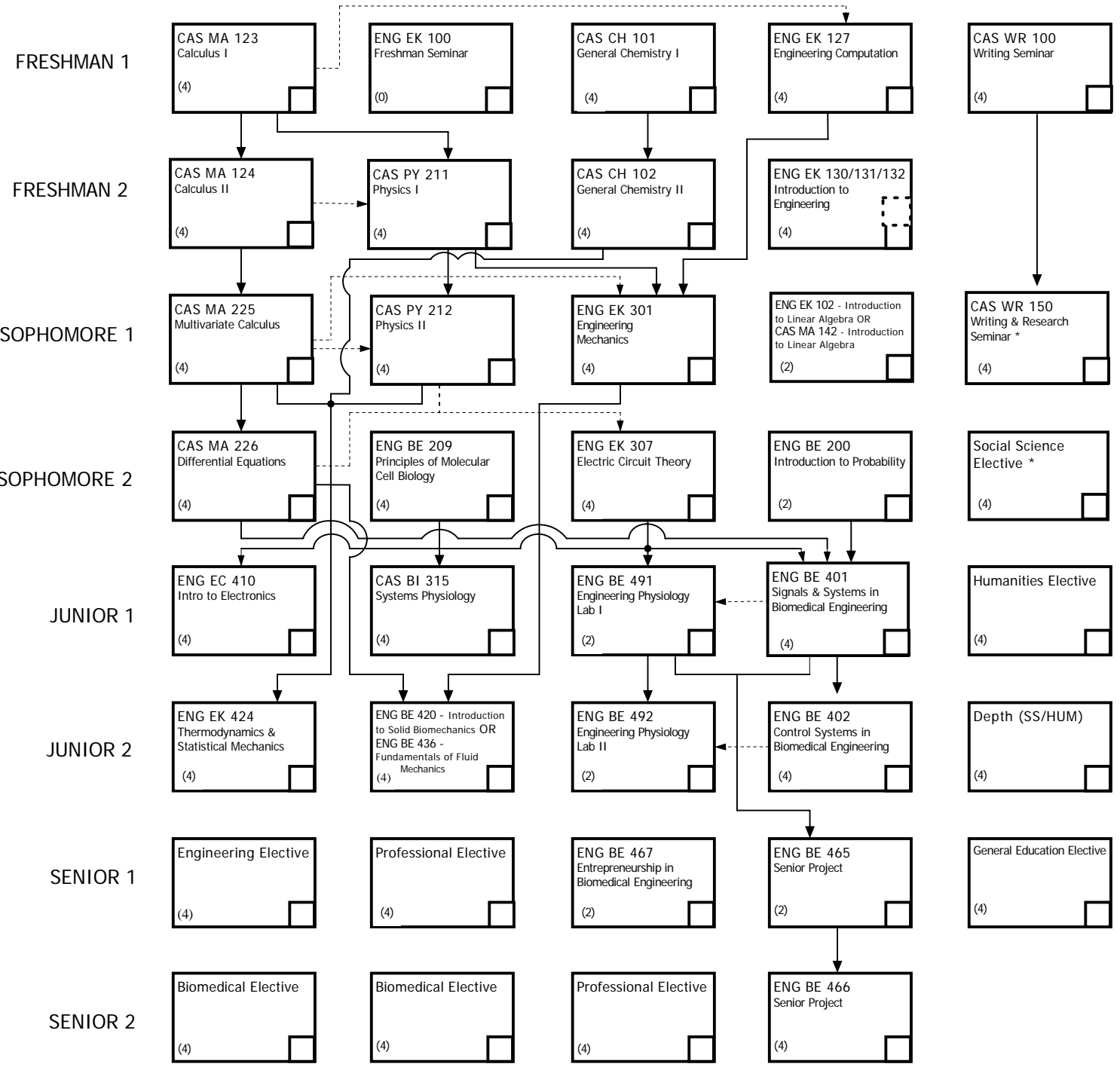
Undergraduate Program Planning Sheet

NAME: _____

B.U.I.D.# U _____

MAJOR: BIOMEDICAL ENGINEERING 2011

DATE: _____



Extra Courses

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General Education Requirements Checklist

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

Prereq. = —
Coreq. = - - - -

- GRADUATION REQUIREMENT: 136 credits**
- Residency Req:** 48 credits/Upper Division Program courses at Boston University completed within 5 years preceding graduation
- Design Req:** 4 credits from the design Elective list must be taken to fulfill a professional, engineering or biomedical elective
- *Pre-Med Majors:** CAS CH 203 and CAS CH 204 are to be taken in lieu of WR 150 and the social science/humanities elective during the sophomore year. These courses will be taken during the junior and senior years instead. CH 203 and CH 204 will each satisfy a professional elective.

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. All entering freshmen are required to take the Boston University Writing Assessment (BUWA). Depending on the placement results of the BUWA, students may need to take more than two course(s) to fulfill the writing requirement (e.g., CAS WR 099 and CAS WR 100 and CAS WR150).

2-course Depth String in either the Humanities or Social Sciences: Students must take two 4-credit courses within the same department in either the Humanities or Social Sciences 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 theory, performance and studio art courses in CFA.

A total of at least 6 courses with at least 24 credits are required.

ACCEPTABLE SOCIAL SCIENCE COURSES *

Anthropology

CAS AN 101	Introduction to Cultural Anthropology
CAS AN 240	Legal Anthropology
CAS AN 252	Ethnicity and Identity
CAS AN 260	Women and Men: Cultural Expectations and Gender Experiences

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

Please note: GE 101 & GE 104 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 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 115	Introduction to Sociology: Law and Society
CAS SO 205	The American Family
CAS SO 242	Sociology of Developing Countries
ENG EK 280	Technology and Society (same as CAS SO 277)

Women's Studies

CAS WS 113	Women, Society and Culture: Social Sciences
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ENGMEDIC only

Social and Behavioral Sciences

SPH PH 500	Profiles MD: Medicine in the New Millennium (ENGMEDIC students only)
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* If a course is on the corresponding CAS divisional list, it is acceptable *

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ACCEPTABLE HUMANITIES 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	Classical Civilization: The Glory of Greece
CAS CL 102	Classical Civilization: The Grandeur 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/HU 163	Readings in Shakespeare
CAS EN/HU 164	Readings in Shakespeare

Modern Foreign Languages (Literature Courses)

CAS LX 240	Great Linguists
CAS LX 250	Introduction to Language
CAS LC 250	Masterpieces of Chinese Fiction (in English translation)
CAS LF 250	Masterpieces of the French Novel (in English translation)
CAS LF 350	Introduction to Analysis of French Texts
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 LI 250	Masterpieces of Modern Italian Literature (in English translation)
CAS LI 350	Italian Literature I: Medieval
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
CAS LS 250	The Novelistic Tradition in the Hispanic World (in English translation)
CAS LS 350	Introduction to Analysis of Hispanic Texts
CAS LL 250	Introduction to the Study of Continental European Literature
CAS LL 251	Introduction to the Study of Continental European Literature

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

Women's Studies

CAS WS 114	Women, Society and Culture: Humanities
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