

BOSTON UNIVERSITY COLLEGE OF ENGINEERING

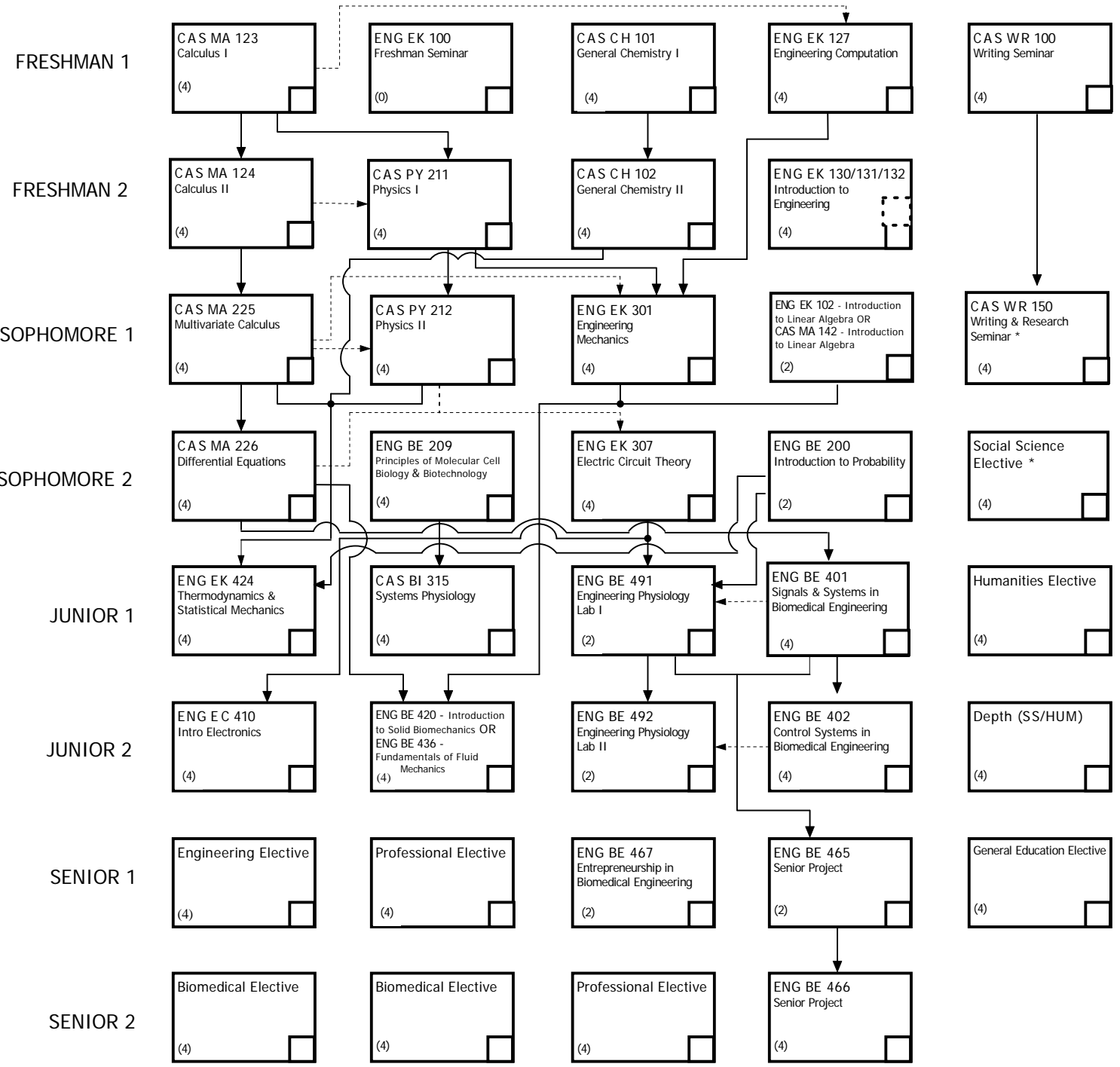
Undergraduate Program Planning Sheet

NAME: _____

B.U.I.D.# U _____

MAJOR: BIOMEDICAL ENGINEERING 2013

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.

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

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| 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

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

Economics

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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)

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| CAS WS 113 | Women, Society and Culture: Social Sciences |
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ACCEPTABLE HUMANITIES (HU) COURSES *

Archaeology

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

Art History

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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)

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| CAS WR 114 | Women, Society and Culture: Humanities |
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* If a course is on the corresponding CAS divisional list, it is acceptable*