Electrical Engineering – 2019
Undergraduate Program Planning Sheet

NAME: ____________________________ U.I.D. # ______ DATE: ____________

FRESHMAN 1
CAS MA 123 Calculus I (4) → CAS CH 131 Principles of General Chemistry (4) → ENG EK 100 Freshman Seminar (0)

FRESHMAN 2
CAS MA 124 Calculus II (4) → CAS PY 211 Physics I (4) → ENG EK 127/128 Engineering Computation/+ (4) → Either Semester

SOPHOMORE 1
CAS MA 225 Multivariate Calculus (4) → CAS PY 212 Physics II (4) → ENG EK 307 Electric Circuits (4) → Either Semester *

SOPHOMORE 2
CAS MA 226 Differential Equations (4) → Natural Science Elective CAS PY 313 (4) → ENG EK 301 Engineering Mechanics I (4) → Either Semester *

JUNIOR 1
ENG EC 401 Signals and Systems (4) → ENG EC 410 Introduction to Electronics (4) → ENG EC 311 Introduction to Logic Design (4) → ENG EC 455 Introduction to Electromagnetics (4)

JUNIOR 2
Systems Elective ENG EC 463, ENG EC 415, or ENG EC 416 (4)

SENIOR 1
ENG EC 463 Senior Design Project I (4) [Fall Only]

SENIOR 2
ENG EC 464 Senior Design Project II (4) [Spring Only]

Extra
Courses
( ) ( ) ( ) ( ) ( ) ( ) ( )

Key:
Math
Natural Science
Engineering Common
General Education
Computer Required
Electives

Electrophysics Elective ENG EC 447, 448, 449, 471, ENG EC 456, 458, 459, 466, 481, 491, or ENG EC 500 E1* ENG EC 562, 565, 580, 583, 584, 585, 591* or ENG EC 592* (Course dependent)
* Students who plan to study abroad in Sophomore 2 should take EK 301 in Sophomore 1

GrADUATION REQUIREMENT: 130 credits
ENG Credit Requirement: 48 credits/Upper Division Program courses completed at Boston University

General Education Requirements Checklist
☐ 1. CAS WR 100
☐ 2. CAS WR 150
☐ 3. 1 Course in Social Science
☐ 4. 1 Course in Humanities
☐ 5. 1 Course SS or HUM
☐ 6. 1 Course General Education Elective
☐ 7. Total of at least 24 credits