Suggested electives for on ground Boston students
Please pay attention to the semester hour credits assigned to these courses (confirm via the Registrar’s website) and the number of elective credits your program/concentration requires. Consider courses in concentrations other than your own.

See to the Registrar’s Banner Class Schedule at for course descriptions, days and times offered or contact the department/school in which the course is listed. Most of these courses are offered only one semester per year; some may be offered every other year. Some may require the permission of the instructor and/or department.

If you require assistance in choosing an elective, consult with your academic advisor. An academic advisor signature is not required for electives on this list.

Biotechnology
BIOT5220 The Role of Patents in the Biotechnology Industry, Past and Future (1 cr) (FL)
BIOT5560 Bioprocess Fundamentals (3 cr) (FL)
BIOT5635 Downstream Processes for Biopharmaceutical Production (3 cr) (FL)
BIOT5640 Drug Product Processes for Biopharmaceuticals (3 cr) (SP)
BIOT5700 Molecular Interactions of Proteins in Biopharmaceutical Formulations (3 cr) (FL)

D’Amore-McKim School of Business
One-credit graduate courses with BUSN course prefix: Registration is restricted until business students are fully enrolled. Please go to the Registrar’s Banner Class Schedule at choose the appropriate term and the course prefix BUSN for a list of offerings. BUSN courses will not be listed on this document.

MGMT6210 Business Law (3 cr) (SP)
MGSC6200 Information Analysis (3 cr) (SP)

School of Technological Entrepreneurship (located within D’Amore-McKim School of Business)
ENTR6200 Enterprise Growth and Innovation (3 cr) (FL)
ENTR6210 Management of Small Business Enterprises (3 cr) (SP)
ENTR6211 Entrepreneurship: Services and Retail Business Creation (3 cr) (SP)
ENTR6212 Business Planning for New Ventures (3 cr) (SP, FL)
TECE6230 Entrepreneurial Marketing and Selling (3 cr) (FL)
TECE6250 Technology-Based Product Development Processes (3 cr) (SP)
TECE6260 Measuring and Managing the Cost of Production and Growth (3 cr)

Dept of Biology
BIOL5100 Biology Colloquium (1 cr) (FL)
BIOL5307 Biological Electron Microscopy (4 cr) + Lab (1 cr) (FL)
BIOL5543 Embryonic Stem Cells (4 cr) (SP)
BIOL5499 Plant Biotechnology (4 cr) (FL)
BIOL5549 Microbial Biotechnology (4 cr) (SP)
BIOL5573 Medical Microbiology (4 cr)
BIOL5581 Biological Imaging (4 cr) (FL)
BIOL5583 Immunology (4 cr) (FL)
BIOL5569  Microbial Developmental Physiology and Genetics (4 cr) (SP)
BIOL6381  Ethics in Biological Research (2 cr) (only offered online) (FL, SP)
BIOL6399  Dynamics of Microbial Ecology (4 cr) (SP)
BIOL7303  Structural Biology (4 cr) (SP)
BIOL7382  Research Problem Solving (2 cr) (SP)
BIOL7383  Current Topics in Biochem, Cell and Molecular Biology (2 cr) (SP)
BIOL7384  Current Topics in Biochem, Cell and Molecular Biology (2 cr) (SP)

BINF 6308  Bioinformatics Computational Methods I (4 cr) (FL)

Dept of Chemical Engineering
CHME5160  Drug Delivery: Engineering Analysis (4 cr ) CHME7340
Chemical Engineering Kinetics (4 cr)

Dept of Chemistry and Chemical Biology
CHEM5550  Introduction to Glycobiology and Glycoprotein Analysis (3 cr) (FL)
CHEM5616  Protein Mass Spectrometry (3 cr) (SP)
CHEM5617  Protein Mass Spectrometry Laboratory (3 cr)(SP, SU2)
CHEM5621  Principles of Chemical Biology for Chemists (3 cr)
CHEM5625  Chemistry and Design of Protein Pharmaceuticals (3 cr) (SP)
CHEM5646  Synthesis and Reactivity of Inorganic Compounds (3 cr)
CHEM5638  Molecular Modeling (3 cr)
CHEM5639  Chemical Kinetics (3 cr)
CHEM5644  Principles and Analysis of Carbohydrates (3 cr) (FL)
CHEM5687  Principles of Solid State Chemistry (3 cr)

Heath Informatics
HINF5105  The American Healthcare System (3 cr) (SP)
HINF6201  Organizational Behavior, Work Flow Design, Change Management (3 cr) (only offered online) (SP)

Nanomedicine
NNMD5470  Nano- and Bio- Medical Commercialization: From Concept to Market (3cr) (SP)
NNMD5270  Introduction to Nanomedicine Science and Technology (3cr) (FL)

Dept of Nursing
NRSG6800  Introduction to Industry Research Guidelines (3 cr) (online) (currently not offered)

Dept of Pharmaceutical Sciences
PHSC6212  Research Skills and Ethics (1 cr)
PHSC6218  Biomedical Chemical Analysis (2 cr) (SP 2014 and every other SP)
PHSC6222  Chemistry and Biology of Drugs of Abuse (2 cr)
PHSC6224  Behavioral Pharmacology and Drug Discovery (2 cr)
PHSC6226  Imaging in Medicine and Drug Discovery (2 cr)
PHSC6290  Biophysical Methods in Drug Discovery (2 cr) (every other SP)
PHSC7010  Pharmaceutical Sciences Laboratory (4 cr) (FL and SP)
TOXC5578  Biochemical Toxicology Lab (3 cr) (currently not offered)