Biochemistry
Approved List of Advanced Courses in Science and Engineering Courses
(Need 6 hours)
The following list is taken from the course catalog and is updated periodically. See Jeff Goldberg in the Biochemistry Academic Affairs Office for most up to date list. (This list most recently revised 4/09)

MCB Courses
MCB 312 Techniques of Applied Micro
MCB 400 Cancer Cell Biology
MCB 401 Cell and Membrane Physiology
MCB 402 Systems and Integrative Physiology
MCB 403 Cell and Membrane Physiology Laboratory
MCB 404 Systems and Integrative Physiology Laboratory
MCB 406 Gene Expression
MCB 408 Immunology
MCB 410 Developmental Biology
MCB 412 Cellular & Molecular Neurobiology
MCB 413 Endocrinology
MCB 414 Introduction to Neurobiology
MCB 415 Structure and Function of the Nervous System
MCB 416 Integrative Neurophysiology
MCB 417 Methods in Computational Neurobiology
MCB 418 Human Genetics
MCB 420 Molecular Immunology
MCB 421 Genetic Analysis of Microorganisms
MCB 422 Experimental Techniques in Molecular Genetics
MCB 424 Biochemical Basis of Microbial Diversity
MCB 426 Biology of Bacterial Pathogens
MCB 427 Immunology
MCB 428 Properties of Bacterial Pathogens
MCB 430 Molecular Biology of Microorganisms
MCB 431 Microbial Physiology
MCB 432 Computing in Molecular Biology
MCB 433 Molecular Biology of Eukaryotic Viruses
MCB 434 Food & Industrial Microbiology
MCB 438 Plant Molecular Biology
MCB 441 Comparative Physiology of Animals
MCB 481 (CSB 380) Developmental Neurobiology

Non-MCB Courses
BIOP 420 Molecular Biophysics
BIOP 432 Photosynthesis
CHBE 471 (CH E 365) Intro. to Biochemical Engineering
CHBE 472 (CH E 375) Techniques in Biomolecular Engr.
CHBE 473 (CH E 385) Biomolecular Engineering
CHEM 438 Advanced Organic Chemistry
CHEM 480 Polymer Chemistry
CHEM 482 Polymer Physical Chemistry
CHEM 492 Special Topics in Chemical Science and Technology (with prior approval)
CS 400 Data Structures and Software Principles for Non-Computer Majors
CS 401 Files and Information Systems for Non-Computer Majors
CS 402 Software Design and Development for Non-Computer Majors
IB 402 Molecular Evolution
IB 420) Plant Physiology
IB 424 Plant Development
IB 425 Plant Secondary Metabolism
IB 426 Env. and Evol. Physl. of Animals
IB 445 Chemical Ecology
IB 485 Environmental Toxic Substances
IB 487 Math Modeling in Life Sciences
PHYS 404 Electronic Circuits I
PHYS 405 Electronic Circuits II
PHYS 498 Seminar on Special Topics in Modern Physics (with prior approval)
STAT 400 – Statistics & Probability I