Potential Elective Courses
(Beyond NSC Core Requirements)

**Nutritional Sciences**
NSC 515 Advanced Sports Nutrition, fall
NSC 515L, Advanced Sports Nutrition Lab, fall
NSC 542 Advanced Medical Nutrition Therapy, fall

**Animal and Comparative Biomedical Science**
ACBS 567 Computation in Biomedicine, fall

**Biostatistics (Out of College of Public Health)**
BIOS 576A Biostatistics in Public Health, fall, spring
BIOS 576B Biostatistics for Research, spring
BIOS 576C Applied Biostatistic Analysis, fall

**Business Administration**
BNAD 510 Business Fundamentals for Scientists, fall

**Cancer Biology**
CBIO 515 Mechanisms of Human Diseases, spring
CBIO 550 Drug Disposition and Metabolism, spring
CBIO 552 Cancer Biology, contact department
CBIO 553 Advanced Topics in Cancer Biology, contact department
CBIO 597a Experimental Design, 1 unit, contact department
CBIO 630A Cellular Communications and Signal Transduction, spring
CBIO 630 B Cellular Communications and Signal Transduction, fall
CBIO 631 Pharmacogenetics/Pharmacogenomics, contact department

**Cell Biology and Molecular Medicine**
CMM 577 Principles of Cell Biology, fall
CMM 595H Problems in Biology of Complex Diseases, spring

**Epidemiology Classes (Out of College of Public Health)**
EPI 573A Basic Principles of Epidemiology, spring
EPI 573B Epidemiological Methods, fall, spring
EPI 573C Advanced Epidemiology, fall
EPI 585 Public Health Fundamentals for Researchers
EPI 615A Cancer Epidemiology and Prevention, fall odd years
EPI 615B Cancer Control, contact department
EPI 645 Nutritional Epidemiology, spring
Environmental Health Sciences (Out of College of Public Health)
EHS 584 Fundamental of Industrial and Environmental Health, fall

Genetics
GENE 670 Recent Advances in Genetics, spring
GENE 677 Principles of Genetic Association Standards, spring
GENE 595H Problems in the Biology of Complex Diseases, Spring

Health Promotion Science
HPS 530 Nutrition, Health and Development, spring
HPS 559 Public Health Concepts for Researchers
HPS 560 International Nutrition, spring
HPS 578 Public Health Nutrition, fall

Immunobiology
IMB 519 General Immunological Concepts, fall
IMB 548 Basic and Advanced Immunology, fall
IMB 564 Advanced Topics: Function, Regulation and Dysregulation of the Immune System, spring
IMB 566 Cellular Immunology, fall

Instruction and Assessment
IA 697A Learner Centered Teaching, fall, spring
IA 697B Using Technology in teaching, fall
IA 680 Classroom Assessment, spring

Molecular and Cellular Biology
MCB 572A Cell systems, fall
MCB 580 Introduction to Systems Biology, fall
MCB 595H Problems in the Biology of Complex Diseases, spring
MCB 695E Science, Society and Ethics, spring

Neuroscience
NRSC 560 Systems Neuroscience, spring
NRSC 588 Principles of Cellular and Molecular Neurobiology, fall

Physiology
PSIO 503 Cellular and Molecular Physiology, fall
PSIO 520 Exercise and Environmental Physiology, spring
PSIO 595K Inflammation and Disease, fall
PSIO 603A, Human Physiology, spring
Physiological Sciences
PS 595B Scientific Writing Strategies, Presentation and Bioethics, spring

Psychology
PSY 501A Principles of Psychophysiology, spring
PSY 578 Sleep and Sleep Disorders, fall, spring

Science Communication Interdisciplinary Minor Courses
Nine credit hours are required, comprising three classes of three credit hours each.
Students must choose at least two courses from Group I:
Group I
SCI 501 Science Communication
JOUR 506 Introduction/Advanced Reporting
JOUR 572 Science Journalism

Students must choose at least one course from Group II:
Group II
ENG 514 Advanced Scientific Writing
MCB Scientific Communication
SLHS 649 Survival Skills and Ethics
JOUR 507 Reporting with Multimedia
JOUR 555 Environmental Journalism
ENVS 508 Scientific Writing for Environmental, Agricultural & Life Sciences
ENVS 515 Translating Environmental Science

Speech, Language and Hearing Sciences
SPH 649 Survival Skills and Ethics, spring

Seminars
CPH 596H Prevention and Control of Disease, fall
CPH 696A Epidemiology Seminar, fall and spring
CPH 696B Cancer Prevention and Control Seminar, fall and spring
CBIO 595A - Oncogenes and Signal Transduction, contact department
CBIO 595G - Cancer Biology: Focus on Breast Cancer, contact department
CBIO 596C – Cancer Biology Colloquium, contact department
CBIO 596H Cancer Biology GIDP Series, contact department
PSIO 696A Physiology Series, fall, spring
PSIO 696C Physiology Student Forum, fall and spring, meets at 11am every other Friday