

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