

SUGGESTED TECHNICAL ELECTIVES FOR BESC MAJORS

PHYSICAL ENVIRONMENT/GEOSCIENCES

GEOG 202 (3) Geography of the Global Village
GEOG 205 (3) Environmental Change
GEOG 203 (3) Planet Earth Systems Science
GEOG 213 (1) Planet Earth Lab
GEOG 380 (3) Environmental Studies Workshop
GEOG 434 (3) Hydrology and the Environment
GEOL 101 (4) Physical Geology
GEOL 410 (3) Hydrogeology
GEOL 420 (3) Environmental Geology
ATMO 201 (3) Atmospheric Science
OCNG 401 (3) Interdisciplinary Oceanography
OCNG 420 (2) Introduction to Biological Oceanography
GEOG 330 (3) Resources and the Environment
ESSM 351 (3) GIS for Resource Mgmt.
GEOG 390 (3) Principles of GIS
RENr 405 (3) GIS for Environmental Problem Solving
RENr 444 (3) Remote Sensing in Renewable Nat. Res.
GEOL 104 (4) Physical Geology
GEOG 398 (3) Interpretation of Aerial Photography
SCSC 314 (3) Life and the Physical Environment

ENVIRONMENTAL POLICY/ETHICS/REGS

RENr 375 (3) Conservation of Natural Resources
AGEC 344 (3) Food & Agricultural Law
AGEC 350 (3) Environ. & Natural Resource Economics
ESSM 308 (3) Fundament. of Enviro. Decision Making
ESSM 406 (3) Natural Resources Policy
PHIL 314 (3) Environmental Ethics
POLS 306 (3) Contemp. Political Problems & Issues
POLS 347 (3) Politics of Energy and the Environment
POLS 356 (3) Law, Politics & Policy
POLS 461 (3) Jurisprudence
WFSC 303 (3) Fish & Wildlife Laws and Administration
AGEC 429 (3) Agricultural Policy
SOCl 328 (3) Environmental Sociology
RENr 420 (3) Natural Resource Law

ENVIRONMENTAL EMPHASIS

RPTS 307 (3) Methods of Environmental Interpretation
RENr 375 (3) Conservation of Natural Resources
RENr 444 (3) Remote Sensing in Renew. Nat. Resource
AGSM 360 (3) Occupational Safety Management
SCSC 105 (3) World Food and Fiber Crops
SCSC 455 (3) Environmental Soil Science
ESSM 314 (3) Principles of Rangeland Management
ESSM 320 (2) Ecosystem Restoration and Management
HIST 359 (3) American Environmental History
URSC 370 (3) Health Systems Planning
RENr 470 (3) Environmental Site Assessment
RENr 460 (3) Devel. and Mgmt. of Protected Areas

BIOCHEMISTRY/GENETICS/ BIOTECHNOLOGY

BICH 410 (3) Comprehensive Biochemistry I
BICH 411 (3) Comprehensive Biochemistry II
BICH 303 (3) Elements of Biological Chemistry
CHEM 316 (2) Quantitative Analysis
CHEM 318 (1) Quantitative Analysis Lab
GENE 431 (3) Molecular Genetics
GENE 432 (1) Molecular Genetics Lab
MEPS 313 (3) Introduction to Plant Physiology

ECOLOGY/ORGANISMAL/CONSERVATION

GENE 412 (3) Population and Ecological Genetics
BIOL 357 (3) Ecology
BIOL 440 (4) Marine Biology
BIOL 301 (3) Taxonomy of Flowering Plants
ENTO 201 (3) General Entomology
ESSM 309 (3) Forest Ecology
GEOG 201 (3) Human Geography
GEOG 435 (3) Prin. of Plant Geography
RENr 410 (4) Ecosystem Management
ESSM 440 (3) Wetland Delineation
WFSC 201 (3) Wildlife Conservation & Management
WFSC 301 (3) Wildlife & the Changing Environment
WFSC 403 (3) Animal Ecology
WFSC 405 (3) Urban Wildlife and Fisheries
WFSC 406 (3) Wildlife Habitat Management
WFSC 407 (1) Field Wildlife Habitat Mgmt.
WFSC 420 (3) Ecology and Society
WFSC 425 (3) Marine Fisheries
WFSC 428 (3) Wetland Ecosystem Mgmt.
HORT 201 (3) Horticultural Science & Practices
HORT 202 (1) Horticultural Science & Practices Lab
ENTO 424 (3) Insect Ecology

PLANT PHYSIOLOGY/PLANT STUDIES

BIOL 301 (3) Taxonomy of Flowering Plants
BIOL 328 (3) Plants & People
GEOG 435 (3) Principles of Plant Geography
MEPS 201 (3) Social & Environ. Aspects of Plant Phys.
MEPS 313 (3) Introduction to Plant Physiology
MEPS 411 (3) Biotechnology for Crop Improvement

TOXICOLOGY

CHEM 316 (2) Quantitative Analysis
CHEM 318 (1) Quantitative Analysis Lab
BICH 410 (3) Comprehensive Biochemistry I
BICH 411 (3) Comprehensive Biochemistry II
VTPP 423 (4) Physiology
NFSC 201 (3) Food Science
NFSC 326 (3) Food Bacteriology
NFSC 327 (1) Food Bacteriology Lab
VTPB 221 (3) Great Diseases of the World

PRE-MEDICAL / PRE-DENTAL

PHYS 201 (4) College Physics I
PHYS 202 (4) College Physics II
CHEM 228 (3) Organic Chemistry II
CHEM 238 (1) Organic Chemistry II Lab
BICH 410 (3) Comprehensive Biochemistry I

Any BESC or PLPA course not used in your degree plan may also be used towards your Technical Electives.