

SUGGESTED TECHNICAL ELECTIVES FOR BESC MAJORS

PHYSICAL ENVIRONMENT/GEOSCIENCES

GEOG	202	(3)	Geography of the Global Village
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. Resources
GEOL	104	(4)	Physical Geology
GEOG	398	(3)	Interpretation of Aerial Photography
SCSC	314	(3)	Life and the Physical Environment

ENVIRONMENTAL POLICY/ETHICS/REGULATION

RENr	375	(3)	Conservation of Natural Resources
AGEC	344	(3)	Food & Agricultural Law
AGEC	350	(3)	Environmental & Natural Resource Economics
ESSM	308	(3)	Fundamentals of Environmental Decision Making
ESSM	406	(3)	Natural Resources Policy
PHIL	314	(3)	Environmental Ethics
POLS	306	(3)	Contemporary 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
SOCI	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 Renewable Nat. Resources
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 and Environmental Aspects of Plant Physiology
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
FSTC	201	(3)	Food Science
FSTC	326	(3)	Food Bacteriology
FSTC	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.