University at Buffalo Department of Environment and Sustainability

Bachelor of Science in Environmental Studies

Introductory course: 1 course EVS118 Introduction to Environmental and Sustainability Studies

Statistics: 1 course

GEO211 Univariate Statistics in Geography PSY207 Psychological Statistics SOC294 Basic Statistics for Social Sci STA119 Statistical Methods

Spatial Analysis: 1 course

END356 Computing for Env. Analysis GEO481 Geographic Information Systems

Natural Sciences Core: 8 courses

GEO101 Earth System Science, GEO106 Global Climate Change and GEO105 Earth, Environment and Climate Lab

GLY101 Natural Hazards, GLY102 Climate Change and GLY105 Natural Hazards and Climate Change: Past Lab

AND

BIO200 Evolutionary Biology EVS217 Environmental Chemistry **or** CHE101 General Chemistry 1 EVS309 Ecology EVS310 Ecological Methods EVS315 Field Ecology Social Sci/Humanities Core: 3 courses Required: EVS250 Environmental Justice And choose two more: DMS201 Green Media ECO208 Introduction to Env. Economics END212 Urban and Env. Planning ENG263 Environmental Humanities

EVS201 Climate Change & Sustainability EVS238 Science, Religion, and Nature PHI234 Environmental Ethics SOC341 Environment and Society

Environmental Internship: 1 course EVS 496 Environmental Internship

Electives: 5 courses

Electives provide a body of course work that will prepare a student for a defined area within the field of environmental studies. We call this "your jam", and the electives you choose from below will develop this specialty. This is the pre-approved list but we will accept petitions in advance for individualized coursework within your chosen focus area. Please see the Environmental Studies Advisors for further information.

EVS321 Environmental Impact of War EVS326 Great Lakes Ecology EVS350 Water Quality EVS360 Environmental Impact Statements EVS385 Energy, Environment and Society EVS411 Marine Ecology EVS413 Ecology of Invasive Species EVS419 Wilderness EVS419 Wilderness EVS441 Wildlife and Wildlands Management EVS445 Restoration Ecology	EVS459 Human Impacts on Ancient Environments EVS463 Soil Ecology EVS472 Tropical Environments EVS479 Environmental Education Field Studies EVS493 The Ecology of Unique Environments EVS495 Undergraduate Supervised Teaching EVS498 Independent Undergraduate Research EVS499 Independent Study GEO356 Forest Ecology GEO435 Conservation Biogeography
EVS445 Restoration Ecology EVS452 Limnology	GEO435 Conservation Biogeography

Credits for major: 62-65 Additional credits for UB curriculum: 32

Additional Electives: 23 Total credits for degree: 120