COLUMBIA UNIVERSITY UNDERGRADUATE PROGRAM IN SUSTAINABLE DEVELOPMENT

SPECIAL CONCENTRATION PROGRAM REQUIREMENT CHECKLISTS

Last Name: First Name:	UNI:		
Part I. Sustainable Development Foundation (3 courses)			
□SDEV 1900: Introduction to Sustainable Development Seminar		Fa / Sp * 20	All three courses
□SDEV 2300: Challenges of Sustainable Development		Spring * 20	completed
□EESC 2330: Science for Sustainable Development		Fall * 20	
Part II. Natural Science System (1 course)			
□PHYS 1201+1291: General Physics I	□CHEM 1403: Chemistry I		
□ EEEB 1001: Biodiversity	□ EEEB 2002 + EESC 2310: Environmental Biology II		One course
□EESC 1011/1411: Earth: Origin, Evolution, Processes, Future	□**EESC 1600: Earth Resources & Sustainable Dev.	Fa / Sp * 20	completed
□EESC 1201: Environment Risks and Disasters □EESC 2200: Earth's Environmental Systems: Solid Earth	□EESC 2100: Earth's Environmental System: Climate □EESC 1003: Climate and Society: Case Studies		
□EESC 2300: Earth's Environmental Systems: Life Systems	EESC 1003. Climate and society. Case Studies		
Part III. Social Science Systems (1 course)			
□ ANTH 1002 : The Interpretation of Culture	□ANTH 1003: The Environment		One course completed
□ANTH 2004: Intro to Social & Cultural Theory	□ ANTH 2427 : Anthropology of Climate Change		
□ECON 1105: Principles of Economics	□HIST 2222: Nature & Power: Environ. Hist. of No. Am.	F / G . 20	
□POLS 1201: Intro to American Politics	□POLS 1501: Introduction to Comparative Politics	Fa / Sp * 20	
□POLS 1601: Intro to International Politics	□SDEV 2000: Intro to Environmental Law		
□SDEV 2050: Environmental Policy and Governance	□SDEV 3400: Human Populations and SDEV		
□SOCI 1000: The Social World	□FSPH 1100: Food, Public Health & Public Policy		
Part IV. Analysis and Solutions to Complex Problems (2 courses)			
□CIEE 3260: Engineering for Dev. Communities	□EAEE 4304: Closing the Carbon Cycle	1 st Course: Fa / Sp * 20 2 nd Course: Fa / Sp * 20	
□EESC 3032: Agricultural & Urban Land Use	□EESC 3045: Responding to Climate Change		
□ECIA 4100: Mgmt. and Dev. of Water Resources	□**EESC 4600: Earth Resources & Sustainable Dev		
□SDEV 3330: Ecological and Social Sys. for SDEV	□SDEV 3360: Disasters and Development		Two
□SDEV 3410: Cities and Sustainability	□PUBH 3100: Fundamentals of Global Health		courses
□PUBH 4200: Environment, Health and Justice	□SDEV 3355: Climate Change & Law		completed
□SDEV 3366: Energy Law	□URBS 3565: Cities in Dev. Count: Prob. and Pros.		
□SDEV 4250: Resilience and Adaptation	□SEE-U: Year		
□ ANTH 3932 : Global Migration/Human Rights in Anthropocene	□HIST 4811: History Environ./Health in South Asia/ Beyond		
□ EEEB 4135: Urban Ecology and Design	□SDEV 4650: Building Climate Justice		
Part IV. Skills / Actions (1 course)			ı
□ EAEE 4257: Environmental Data Analysis & Modeling	□EESC 3050: Big Data with Python		
□EESC 4050: Global Assessment Remote Sensing	□SDEV 2320: Eco. and Fin. Methods for SDEV		One
□SDEV 3390: GIS for Sustainable Development	□SDEV 3450: Spatial Analysis and Model. for SDEV		course
□SDEV 4240: Science Communications	□SDEV 4101: Qual. Research Mtds. for SDEV	Fa / Sp * 20	completed
□SOCI 3010: Methods for Social Research	□SUMA 4100: Sustainability Management		
□SEE-U: YEAR:			
Part VI. Practicum (1 course)			C
□SDEV 3998: Sus. Dev. Individual Research	□SDEV 4550: The NYC Watershed	Fa / Sp * 20	Course completed
□SUMA 4310: Innovation Sustainability Leadership	□SUMA 4734: Earth Institute Practicum		
Part VII. Capstone Workshop (1 course)			
□SDEV 3280: Workshop in Sustainable Development		En / Sm : 20	Course
□SDEV 3550: Bangladesh Workshop		Fa / Sp * 20	completed
SDEV 4400: Sustainable Development in Sub-Saharan Africa: Ex	coloring Rwanda		

[†]A letter grade of C- or better is needed in all program-related courses to satisfy the requirements for the major.

*ANTH 2427 is an elective through summer 2021. Starting fall 2021 the course will satisfy the social science requirement only.

*HIST 2222 is an elective through summer 2021. Starting fall 2021 the course will satisfy the social science requirement only.

*EESC 1600 & EESC 4600 are separate sections of Earth Resources & Sustainable Development. 1600 can only be applied to the science sequence and 4600 will only be accepted for Analysis and Solutions. Transfers between requirements is not permitted.