

Course List prior to AY2025-26, Semester 2

KNOWLEDGE AREA	COURSES
1) People	<p>Core (choose at least 1)</p> <ul style="list-style-type: none"> • EM5109 Environmental Issue & Sustainability • ES5006 Environmental Sustainability • HV5001 Introduction to Environmental Humanities <p>Electives</p> <ul style="list-style-type: none"> • ES3201 Coupled Human and Natural Systems* • ES3202 Resilient Urban Systems* • HC2017 Writing on Places: Nativism, Ecology, Politics 地文誌: 从乡土文学到生态批评 (Offered in Mandarin)* • HC3043 Chinese Ecological Thoughts and Philosophy 古今生态思想与哲学(offered in Mandarin) • HC5010 Animals in Chinese Cultures • HL4013 Advanced Studies in Literature & Culture: Ecocritical Approaches to Literature* • HG2027 Ecolinguistics: Language and the Environment • HY2008 Environmental Ethics • HP3206 Environmental Psychology*
2) Planet	<p>Core (choose at least 1)</p> <ul style="list-style-type: none"> • ES5001 Natural Hazards and Society • ES5005 Environmental Earth System Science • ES5007 Climate and Climate Change <u>OR</u> ES1007 Climate Change (only for ESSN students) <p>Electives</p> <ul style="list-style-type: none"> • EM5101 Environmental Quality • ES2303 Introduction to Ecology* • ES4301 Conservation Biology and Biodiversity* • ES3103 Sea-level Rise and Coastal Processes • ES3305 Current issues in Ecology* • ES3306 Global Change Ecology* • ES3303 Tropical Ecology* • ES4303 Marine and Freshwater Ecology* • HH3042 Climate and Society in Historical Perspective • HH4006 The Green Earth: Issues in Environmental History* • HH3017 World Environmental History • HH3018 The Environmental History of Oceans
3) Profit	<p>Core (choose at least 1)</p> <ul style="list-style-type: none"> • AB0603 Social Entrepreneurship • HE5091 Principles of Economics <p>Electives</p> <ul style="list-style-type: none"> • BF2228 Sustainable Finance* • HE2010/HE3021[#] Development Economics* • HE3602/HE3032[#] Game Theory & Applications to Social Science*

	<ul style="list-style-type: none"> • HE3005/HE3024[#] Environmental Economics* • HE3613/HE3026[#] Urban Economics* • HE4010/HE4042[#] Singapore Economy in a Globalized World* • HE4040 Behavioural Economics* <p># Students who matriculated in AY2021-2022 or later should choose these course codes.</p>
4) Practice	<p>Core (choose at least 1)</p> <ul style="list-style-type: none"> • EM5103 Water Resources Management • EM5104 Air Quality Management • EG1001 Engineers in Society • BM2517 Marketing Sustainability for the Next Generation <p>Electives</p> <ul style="list-style-type: none"> • BU5102 Sustainability Reporting* • HP1100 Fundamentals of Social Science Research or CS2008 Fundamentals of Research • MS4664 Environmental Sustainability and Materials* • MS4666 Environmental Degradation of Plastics* • EE2005 Electrical Devices & Machines* • EE3015 Power Systems & Conversion* • EE4503 Power Engineering Design* • EE4504 Design of Clean Energy Systems* • EE4530 Power System Analysis & Control* • EE4532 Power Electronics & Drives* • EE4533 Power Apparatus & Protection* • EE4534 Modern Distribution Systems with Renewable Resource* • CS5209 Collective Problem Solving • CM5091 Industrial and Environmental Chemistry • HS2010 Smart Cities and Society*
5) Policy	<p>Core (choose at least 1)</p> <ul style="list-style-type: none"> • HU1002 Introduction to Urban Planning • HA1001 Introduction to International Relations and Foreign Policy • HA1003 Introduction to Public Administration and Public Policy <p>Electives</p> <ul style="list-style-type: none"> • AB0301 Legal and Ethical Issues in Sustainability • HA3014 Singapore Foreign Policy* • ES2202 Global Environmental Politics and Governance* • ES2201 Law & Economics, Sustainable Development, and Environmental Protection • ES4201 Environmental Management and Valuation* • HP3203 Conservation Psychology* • HS0301 Environmental Sustainability • HS2023 Environmental Sociology* • CS4311 Promoting sustainability

Minimum 30AU for Second Major

*Pre-requisites apply