Graduation Requirements for BES XDP – Cohorts AY2021/2022 to AY2023/2024 (w.e.f. AY2024/2025 Semester 1)

Requirements		Units
CHS Common Curriculum Courses (i	ncluding General Education)	44
- Asian Studies	- Artificial Intelligence	
- Humanities	- Communities and Engagement	
- Social Sciences	- Design Thinking	
- Scientific Inquiry I	- Scientific Inquiry II	
- Data Literacy	- Digital Literacy	
Bata Eliciaty	- Writing	
Integrated Core Courses - Pass 36 un		36
ENV1101 Environmental Studies: An Interdisciplinary Overview		4
ENV2102 Environmental Law	ter die eipiniary e ver view	4
ENV2103 The Environment and Public	Health	4
ENV2301 Methods and Techniques for		4
ENV2302 Communications for Environn		4
Pass 2 of the following elective optio		4
ENV3101 Environmental Challenges in		
ENV3101 Environmental Challenges in ENV3104 Socio-Ecological Assessment		
		8
ENV3202A Environmental Studies Inter	. •	
ENV3206 Evaluating Environmental Sus		
	JROPES(ENV3288/R) – Refer to *Note 1	
	l Studies (or another interdisciplinary field	4
course by approval) – Refer to *Note 2	0:	4
ENV4101 Environmental Management i		4
Common Core Courses - Pass 52 un		52
GE2103 Our Planet: An Earth System S		4
LSM3257 Applied Data Analysis in Ecol		4
Pass 4 Life Sciences LSM elective co	<u> </u>	
courses from the respective lists belo	ow, encompassing:	
- 1 LSM22xx		
- 2 LSM32xx		
- 1 LSM42xx		32
- 1 GE2xxx		"-
- 2 GE3xxx		
- 1 GE4xxx		
Up to one LSM or GE course (of any lev		
enrichment course ENV2991/3991/4991		
LSM2251 Ecology and Environment	GE2101 Methods and Practices in	
LOWIZZOT LOGIOGY and Environment	Geography	
LSM2252 Biodiversity	GE2102 Politics, Economies And	
LOWIZZOZ DIOGIVEISILY	Space	
	GE2215 Introduction to GIS	
	GE2231 Living Space: Introducing	
	Social and Cultural Geography	
LSM3252 Evolution and Comparative	CE2226 Tourism Davidsoment	
Genomics	GE3226 Tourism Development	
LSM3254 Ecology of Aquatic	CE2024 Noticed Harries	
Environments	GE3231 Natural Hazards	
LSM3255 Ecology of Terrestrial	050000 010 D	
Environments	GE3238 GIS Design and Practices	
	GE3240 Geographical Research:	\exists
LSM3256 Tropical Horticulture	Developing Ideas (*compulsory if	
	taking GE4401)	
	<u> </u>	1

Paguiraments		Units
Requirements LSM3258 Comparative Botany	GE3250 Nature and Society	UIIILS
	,	<u> </u>
LSM3259 Fungal Biology	GE3251 Southeast Asia	
LSM3265 Entomology	GE3253 Weather and Climate	
LSM3266 Avian Biology and	GE3254 Energy Futures: Environment	
Evolution	and Sustainability	_
LSM3267 Behavioural Biology	GE3255 Aquatic, Riparian and	
Zemezer Zemariearar Zielegy	Coastal Systems	
	GE3256 Earth Surface Processes,	
	Landforms and Ecosystems	
	GE3259 Applied Geographical Data	
	Science	
LSM4251 Plant Growth and	054007.0	
Development	GE4207 Coastal Management	
LSM4254 Principles of Taxonomy	GE4211 Advanced Hydrology and	
and Systematics	Water Resources Management	
LSM4255 Methods in Mathematical		
Biology	GE4212 Environmental Modelling	
<u> </u>	GE4214 Remote Sensing of	_
LSM4256 Evolution of Development	Environment	
LSM4257 Aquatic Vertebrate	GE4218 Interpreting Tourism Spaces	_
Diversity	and Cultures	
Diversity	GE4219 Development and	1
LSM4261 Marine Biology	Environment in Southeast Asia	
L SM4262 Transaction		
LSM4262 Tropical Conservation Biology	GE4220 Field Investigation in	
LSM4263 Field Studies in	Physical Geography GE4221 Field Investigation in Human	_
Biodiversity	Geography	<u> </u>
LSM4264 Freshwater Biology	GE4222 Advanced Geomorphology	
LSM4266 Aquatic Invertebrate	GE4224 Conservation Biogeography	
Diversity	, , , , , , , , , , , , , , , , , , ,	
LSM4267 Light & Vision in Animal	GE4227 Climate Change: Processes,	
Communication	Impact and Responses	
LSM4268 Environmental	GE4232 Global Political Ecologies	
Bioacoustics	-	_
	GE4233 Geography in the	
	Contemporary World	_
	GE4234 Environmental Changes in	
	the Tropics	4
	GE4235 Urban Climates	_
	GE4237 Environmental Pollution	
	GE4239 Coastal Dynamics	
	GE4240 Spatial Decision-Making	
	GE4241 Spatial Health	
Pass 8 units of Compulsory Level 400		
- LSM4288E Research Project in Life Sciences (Ecology, Evolution and		
Biodiversity); OR		8
- GE4401 Honours Thesis; OR		0
- 8 units of Level 4000 Common Co	ore Courses of LSM42xx and/or GE4xxx	
elective courses listed above.		
Pass 1 ENV-Recognised Course – Ref	er to *Note 4	4
Unrestricted Electives		28
Total Units for Graduation Requiremen	nts	160

*Note 1: For UROP(GE3551)/UROPS(LSM3288/R)/UROPES(ENV3288/R) - only 4 units of these undergraduate research project options can be counted towards the Integrated Core Courses.

*Note 2: An alternative field course can be substituted on approval. An appropriate substitution for the field course would need to be at least 10 days in length, pitched at Level 3000 or 4000, be themed around environmental issues, and be multidisciplinary or interdisciplinary in content. Field course done during a study abroad segment, if appropriate, can be considered.

*Note 3: Students going on study abroad programmes may map their partner university courses to the ENV exchange enrichment course codes ENV2991, ENV3991, and ENV4991. A maximum of two exchange enrichment courses can be counted towards BES Major requirements:

- One can be counted towards the Common Core elective options, replacing a LSM or GE course of any level.
- One can be counted towards the ENV-Recognised Course.

Any others will be counted as Unrestricted Electives. A course code can only be used once.

*Note 4: Below lists the acceptable ENV-Recognised Courses.

List of ENV-Recognised Courses

AN2203 Peoples and Cultures of Southeast Asia
AN2206 Humans and Natures
EC2383 Environmental Economics
ESE2000 Chemistry for an Environmentally Sustainable Future
ESE3101 Resource Management and Circular Economy
ESE3201 Air Quality in Changing Environments
ESE3301 Microbiology in Natural and Built Environments
GEN2004 Green Communities in Action: Climate, Species, Crisis
GL3203 Global Socio-environmental Entanglements
HY2235 Environmental History
LAD2004 Planting Design and Horticulture
LAD3006 Basics of Ecology
PH2216 Environmental Philosophy
PH2226 Concept of Nature in Inquiry
PF3504 Sustainable Energy Management
PS3274 Environmental Politics
RE2701 Urban Planning
RE3901 Advanced Urban Planning
SC3212 Southeast Asia in a Globalizing World
ENV2991 Exchange Enrichment Course
ENV3991 Exchange Enrichment Course
ENV4991 Exchange Enrichment Course