Curriculum for students admitted from AY2025 onwards –

Environmental Earth Systems Science with 2nd Major in Entrepreneurship (ESET)

EESS Major Core		
Course Code	**Course Title**	**AUs**
ES0001	The Physical Environments of Singapore	3
ES0138	Introduction to Scientific Writing	2
ES1001	E2S2 Environment and Society	4
ES1003	E2S2 Solid Earth	4
ES1006	Introductory Field Experience	4
ES1007	Climate Change	3
ES2001	Computational Earth Systems Science	4
ES2003	E2S2 Biosphere	4
ES2802	GIS and the Earth System	3
MH1802	Calculus for the Sciences	4

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EESS Specialisation
Students can choose either one of the specialisations below: • Geosciences or • Ecology and Ecosystems or • Society and the Earth Systems

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Second Major in Entrepreneurship
Course Requirements for Second Major in Entrepreneurship To be awarded the Second Major in Entrepreneurship, students are required to complete: • Compulsory Courses (12 AU) • Elective Courses (at least 13 AU) • Compulsory Experiential Programme (10 AU)

Course Title	AU	Course Type
Compulsory Courses (12 AU)		
ET5211 Entrepreneurial Mindset and Technology Innovation	3	BDE
ET5212 Entrepreneurial Ecosystems	3	
ET5213 Managing New Ventures	3	
ET5214 Financing Entrepreneurial Ventures	3	
Elective Courses (at least 13 AU)		
ET5101 Deep Dive into Entrepreneurship	3	BDE
ET5122 E-Startups & Social Media Strategies	3	
ET5134 Enterprise Strategy	3	
ET5135 Business Venture Implementation	3	
ET5215 Entrepreneurial Business Development	3	
ET5216 Venture Capital Investment & Practices	4	
ET5217 Design & Systems Thinking for Entrepreneurs	4	
ET5218 Innovation & Commercialisation of Technologies	3	
AB0603 Social Entrepreneurship	3	
BU5302 Law of Intellectual Property & New Media	3	
CB4216 Entrepreneurship in Medtech & Biotechnology	3	
DV2003 Beyond the Logo: Introduction to Branding	3	
EE5083 From Passion to Action: Six Key Steps to A Start-Up!	3	
PS5888 Making and Thinkering	4	
Compulsory Experiential Programme (10 AU) 20-week internship with organizations, including start-ups, venture capital firms, entrepreneurship support organizations, and innovation setups in corporations.		
ES4003 Professional Internship	10	ICC Professional Series
ES4006 Overseas Entrepreneurship Programme (OEP)	10	

ICC Common Core			
Course Code	Course Title	AU	Schedule
CC0001	Inquiry & Communication in an Interdisciplinary World	**2**	**Year 1 Sem 1**
CC0003	Ethics & Civics in a Multicultural World	**2**	**Year 1 Sem 1**
CC0015	Health & Wellbeing	**2**	**Year 1 Sem 2**
ML0004	Career Design & Workplace Readiness in the V.U.C.A World	**2**	**Year 1 Sem 2**
CC0006	Sustainability: Society, Economy & Environment	**3**	**Year 1 Sem 2**
CC0007	Science & Technology for Humanity	**3**	**Year 2 Sem 1**

Care, Serve, Learn (CSL) (3 AU)			
Course Code	Course Title	AU	Schedule
CSL	Care, Serve and Learn	**3**	**Year 2 Sem 2**

ICC Professional Series			
Course Code	Course Title	AU	Schedule
MLxxxx	Profession Preparation	**1**	**Year 3 Sem 1**
ES0002	Fundamentals of Data Science for Earth and Environmental Earth Systems Science	**3**	**Year 3 Sem 2**
ES0238	Scientific Writing for Non-Scientists	**2**	**Year 3 Sem 2**
ES4007	Professional Internship	**10**	**Year 4 Sem 2**