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- 1 Environmental Science is one of the fastest growing sectors in the world.
- 2 In 2024, ASE was ranked 14th globally when it comes to Environmental Sciences.

ADVANTAGE

- 3 ASE graduates have enjoyed close to a 100% employment rate since 2015
- 4 ASE graduates have been making a positive impact on the environment since 2015

WHY

ASE?



OVERSEAS FIELDTRIPS

Bali, Indonesia Sabah, Malaysia Hualien, Taiwan California. USA

ENVIRONMENTAL RESEARCH

Engage in actual research projects that have real world impact





STATE-OF-THE-ART LABS

Work with cuttingedge technology

WHY



SONALI MANIMARAN

ASE?

Alumni, Class of 2020

"ASE is full of people with deep **passion** for various environmental causes, and a **commitment** to creating meaningful and **positive impact**.

Upon completing my undergraduate studies, I worked as an Impact and Product Analyst at GreenArc Capital, before starting my PhD at ASE! During my PhD, I worked as a visiting researcher in the Climate Service Center Germany (GERICS), and have recently been collaborating with the United Nations International Organisation for Migration! I hope to secure a postdoctoral fellowship and continue in academia after completing my PhD!"

TAY LI SI

Alumni, Class of 2022

"Being in ASE gave me an opportunity to challenge myself. ASE fostered a supportive environment and close-knit relationship between the students and faculty and there were many opportunities for us to experiment with various interests and projects!

Since graduating, I've been working at the National Parks Board (NParks) under the Wildlife Management Research team, and I'm also a staff mentor for the World Wildlife Day Regional Youth Symposium project."





WHY

JEFFERSON

ASE?

Alumni, Class of 2018

"ASE is a close-knit community of individuals from various backgrounds and cultures. The faculty are approachable and patient in passing their knowledge and expertise to us - especially since environmental science is such a multi-faceted and complex field.

Since graduation, I have worked as a Consultant at TEMBUSU Asia Consulting and a Research Associate at the Sustainable and Green Finance Institute (SGFIN). My current work revolves around the integrated impact valuation of green buildings and biofuels."

LOUISA FUNG

Alumni, Class of 2021

"The people I met in ASE were some of the most inspiring, passionate, and inclusive people I have ever met. The professors would encourage creativity and let us explore interesting ways to do our projects - we got to snorkel among coral reefs and hike up

Since graduating, I am glad to have made a big impact as an Environmental Consultant at Worley Consulting, as well as an ESG Analyst at Climate Fund Managers."



CAREER

ENVIRONMENT & CONSERVATION





International Governance

Our graduates have found full time employment at:

World Food Bank, UNESCO etc.



Non-Government Organizations

Our graduates have found full time employment at:

WWF, Nature Society, Birdlife, etc.



Environmental Media & Journalism



PUBLIC SECTOR & POLICY MAKING



Environmental Management

Our graduates have found full time employment at:

NParks, URA, etc.



Resource Management

Our graduates have found full time employment at:

NEA, PUB, SP Group etc.



Public Policy & Planning

Our graduates have found full time employment at:

United Nations, HDB, SLA etc.

CAREER

PROSPECTS

PRIVATE SECTOR





Environmental Consultancy

Our graduates have found full time employment at:

DBS, UOB, Shiseido, Adidas, etc.



Environmental Data Analysis

Our graduates have found full time employment at:

JDA, PWC, Prudential, KPMG, etc.





RESEARCH & ACADEMIA



Research Institutes

Our graduates have found either full time employment or post-graduate positions at: A*STAR, Earth Observatory of Singapore, SCELSE etc.



Masters & PhD Programs

Our graduates have found post-graduate positions at: Harvard, Stanford, CalTech, ETH Zurich etc.









Bachelor of Science (Honours)

EESS: ENVIRONMENTAL EARTH SYSTEMS SCIENCE

"ASE has an incredibly supportive faculty that rewards initiative. The diversity in topics combined with the focus on hard skills and technical expertise at EESS allows even firstyears to participate in fieldwork and research projects, fostering exploration of interests outside of academics. I had the opportunity to participate in flora surveys for Bukit Timah, and since then I've also gone on to study that same plot for my own research project in NTU!"



Communication **& Collaboration**



Core Science



Critical Thinking



Computing & **Data Analysis**



MUHAMMAD NASRY **BIN ABDUL NASIR**



Check out the latest course curriculum via this QR code or this LINK (click here)



Bachelor of Science (Honours), Double Major

ESPP: EESS & PUBLIC POLICY & GLOBAL AFFAIRS

"Pursuing a double major in Public Policy and Environmental Science has shown me the politics inherent in science - from its funding to its implications and applications - as well as the science behind the politics!



Communication
& Collaboration



Core Science SKills



Critical Analysis



Public Affairs & International Relations

ESPP's interdisciplinary approach is a natural pathway into corporate sustainability roles. I interned at a sustainability consultancy, a start-up, and a multinational corporation (MNC), which has given me a comprehensive view of the broader sustainability ecosystem."



Check out the latest course curriculum via this QR code or this LINK (click here)



Bachelor of Science (Honours), Second Major

ESDA: EESS & SECOND MAJOR IN DATA ANALYTICS

"I joined ASE due to my initial interest in biodiversity and the environment - and eventually I picked up data analysis as a 2nd major to complement what I was already learning in Ecology.



Communication & Collaboration



Core Science

During my time at ESDA, I did a 6-month stint at a laboratory in Hong Kong that focused on marine pollution, and the conservation of marine habitats. Both ecology and data science were important in these projects!"



Critical Thinking



Data Analytics
For Large Scale
Research



FOO YOCK HAW



Check out the latest course curriculum via this QR code or this LINK (click here)



Bachelor of Science (Honours), Second Major

ESSN: EESS & SECOND MAJOR IN SUSTAINABILITY

"Environmental issues and sustainability are the grand challenges of our generation - and ASE was an easy choice because of its dedicated faculty, resources and fieldtrips!



Communication & Collaboration



Core Science Skills



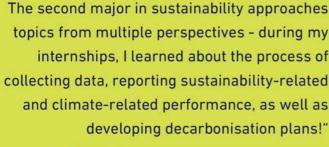
Critical Thinking



Sustainable Development



Innovation



MATTHEW FOO





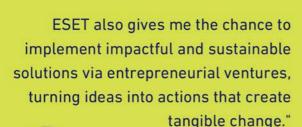
Check out the latest course curriculum via this QR code or this **LINK** (click here)



Bachelor of Science (Honours), Second Major

ESET: EESS & SECOND MAJOR IN ENTREPRENEURSHIP

"ESET stood out to me because of its holistic and interdisciplinary approach. It goes beyond just integrating physical and life sciences - it also highlights the societal and human dimensions of the environment, which I find meaningful.





Communication & Collaboration



Core Science Skills



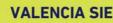
Critical Thinking



Sustainable Development



Innovation







Check out the latest course curriculum via this QR code or this **LINK** (click here)

SPECIALISATIONS

ASE Undergraduates take a core curriculum in the fundamentals of earth and environmental sciences and pursue advanced coursework in one of three specialisation areas, graduating with a combination of technical breadth and depth that is attractive to employers.

ECOLOGY

Ecosystems
Entomology
Marine Ecology
Plant Ecology



SOCIETY

Disaster Risk Management
Economics
Carbon Markets
Human / Nature Interactions

GEOSCIENCES

Volcanology
Tectonics
Natural Hazards
Coastal Geometry





The J.E.D.I. Group



The JEDI group is an independent committee that seeks to advocate for students and staff when it comes to issues of:

JUSTICE - Dismantling barriers to resources and opportunities so that all individuals and communities can participate fully.

EQUITY - Allocating resources to ensure everyone has access to the same opportunities and recognising that advantages and barriers.

DIVERSITY - We believe our differences should be celebrated and contribute to the rich fabric of our community.

INCLUSION - Fostering a sense of belonging by centering, valuing, and amplifying the voices, perspectives and styles of those who experience more barriers based on their identities.





The ASE Club



The ASE Club organises fun and enriching activities to encourage collective learning and strong social bonds between students!



Industry Guests - weekly lectures by visiting scholars and our own researchers, which exposes our students to the most current research being done around the world and provides unparalleled opportunities for networking and collaboration.



ADMISSIONS

Singapore Cambridge 'A' Level:

- H1 Level Pass in Mathematics AND
- H2 Level Pass in Physics/Chemistry/Biology/Economics/Computing

Polytechnic Diploma:

Check if your polytechnic diploma is eligible via this

WEBSITE LINK or this QR code:

ESSN

IB Diploma:

- Mathematics at Standard Level AND
- Physics/Chemistry/Biology/Economics/Computer Science at Higher Level

ESET

NUS High School Diploma:

- Major CAP of 2.0 in Mathematics AND
- Major CAP of 2.0 in Physics/Chemistry/Biology

International and Other Qualifications:

- Additional Mathematics at Junior High School and equivalent, AND
- Physics/Chemistry/Biology/Economics at Senior High School

ADMISSIONS

Singapore Cambridge 'A' Level:

- H1 Level Pass in Mathematics AND
- H2 Level Pass in Physics/Chemistry/Biology/Economics/Computing
- A good grade in General Paper/Knowledge & Inquiry/H1 Level
- History/English Literature/Geography

Polytechnic Diploma:

Check if your polytechnic diploma is eligible via this WEBSITE LINK or this QR code:

IB Diploma:

- Mathematics at Standard Level AND
- Physics/Chemistry/Biology/Economics/Computer Science at Higher Level
- A good grade in English at Standard Level

NUS High School Diploma:

- Major CAP of 2.0 in Mathematics AND
- Major CAP of 2.0 in Physics/Chemistry/Biology
- Good overall CAP in English Language

International and Other Qualifications:

- Additional Mathematics at Junior High School and equivalent, AND
- Physics/Chemistry/Biology/Economics at Senior High School
- A good grade in General Paper/English at Senior High School

ESPP

ADMISSIONS

Singapore Cambridge 'A' Level:

- H2 Level Pass in Mathematics AND
- H2 Level Pass in Physics/Chemistry/Biology /Computing

Polytechnic Diploma:

Check if your polytechnic diploma is eligible via this **WEBSITE LINK** or this QR code:

ESDT

IB Diploma:

- Mathematics at Higher Level AND
- Physics/Chemistry/Biology/Computer
 Science at Higher Level

NUS High School Diploma:

- Major CAP of 2.0 in Mathematics AND
- Major CAP of 2.0 in Physics/Chemistry/Biology

International and Other Qualifications:

- Mathematics at Senior High School and equivalent, AND
- Physics/Chemistry/Biology at Senior High School

SCHOLARSHIPS & AWARDS



NANYANG GLOBAL SCHOLARSHIP

Awarded to outstanding undergraduate freshmen who excel academically, demonstrate strong leadership potential, and possess outstanding co-curricular records.

Benefits:

- Full coverage of subsidized tuition fees (after Tuition Grant)
- Living, accommodation, and computer allowance
- Travel grant for an overseas programme



NTU PRESIDENT AWARD

A prestigious award given to undergraduates with exceptional leadership qualities, excellent co-curricular records and outstanding academic results. On top of these benefits, additional support may be provided to applicants who require further financial aid.

- · Benefits:
 - \$10,000 Dean's Award (one-off)
 - Fully subsidised 4-year guarantee for NTU hostel
 - Mentoring and developmental opportunities

SCHOLARSHIPS & AWARDS



NANYANG MERIT SCHOLARSHIP

Awarded to outstanding freshmen

- · Benefits
 - Full coverage of subsidised tuition fees (after Tuition Grant)
 - · Living allowance and travel grants

please refer to

https://www.ntu.edu.sg/admissions/undergraduate/scholarships



for more scholarship options!

OTHER PROGRAMMES

UNIVERSITY SCHOLARS PROGRAMME

University Scholars Programme Office: (65) 6908 3345 usp@ntu.edu.sg



CN YANG SCHOLARS PROGRAMME

CN Yang Scholars Programme Office
Tel: 6514-1900
Email: <u>D-CNYang@ntu.edu.sg</u>



FINANCIAL AID For enquiries pertaining to financial assistance, please call: +65 6790 4115

CHAIR'S MESSAGE

Dear Students,

Thank you for considering the Asian School of Environment!

Over the past few years, many parts of our planet have experienced the challenges of environmental change, geohazards, and biodiversity loss. No nation, whether it's large or small, rich or poor, will be immune from the impacts of climate change.

To get there, humanity will rely on the bright minds, tenacity, and innovative ideas of your generation. You may be the ones to solve these existential problems!

To give you the best tools possible to make a real difference, at ASE we integrate the different fields of academic study to understand the Earth as a system.

Beyond the classroom, students can forge meaningful friendships, develop lifelong skills, and benefit from the mentorship of experienced and dedicated faculty who are committed to helping them succeed.

With a curriculum designed to prepare students for diverse careers, ASE empowers its graduates to make meaningful contributions to creating a sustainable and resilient future.

Thank you, and we hope to see you soon!

PROFESSOR EMMA M. HILL Chair. ASE



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