BSc in SUSTAINABLE and GREEN FINANCE

Investing in a Sustainable Future
Sustainable and Green Finance

- **Finance in the Traditional Sense**
  - Process of raising capital; management of money, assets and liabilities; making decisions in resources allocation.
  - Activities include investing, borrowing, lending, budgeting, saving, and forecasting.
  - Maximize *financial return*.

- **Sustainable and Green Finance**
  - Financial activities that support the transition to a low-carbon, sustainable economy.
  - Meanwhile addressing global challenges (climate change, sustainability risks).
  - Mobilizing capital towards activities that promote sustainability and reduce negative environmental impacts.
  - Aims to achieve both *financial return* and *positive environment and social impacts*. *SUSTAINABILITY* is a key consideration.
Why Study Sustainable and Green Finance

- Manage risks brought by climate change (physical risk and transition risk)
- Understand how finance can impact the environment and society
- Utilize finance as a tool to achieve sustainability
- Promote sustainable economic growth and contribute to a resilient economy
Sustainable finance ‘talent war’ erupts in Hong Kong amid rise in regulatory demands, green products

- It is already very competitive in Hong Kong, says Asia-Pacific CEO of French bank Societe Generale
- A government working group on attracting foreign talent and nurturing it locally hopes to announce something later this year
Our Response
**BSc in Sustainable and Green Finance**

- The 1\textsuperscript{st} UG program in HK specialized in sustainable and green finance
- Jointly offered by Business School and Division of Environment and Sustainability
- Overlays business and finance topics with sustainability significance
- An interdisciplinary curriculum – Finance, Business, Environment, Science, Technology, Public Policy
- Global perspective with local relevance
- Nurture local young talents to be effective leaders Sustainable and Green Finance
Program Co-Directorship

Prof. Arthur Lau
Associate Dean
Academy of Interdisciplinary Studies (UG)
Associate Dean of Students
Dean of Students’ Office
Associate Professor of Interdisciplinary Education
Institute for the Environment
TPG Programs Coordinator
Division of Environment and Sustainability

Prof. Veronique Lafon-Vinais
Associate Professor of Business Education
Department of Finance
Associate Director of Undergraduate Programs
School of Business and Management
Associate Director
World Bachelor in Business Program
Executive Director
(Career Development and Corporate Outreach)
School of Business and Management
Program Advisory Committee

Chaired by
Prof. Kar Yan Tam
Dean of HKUST Business School

Prof. Alexis Lau
Head
Division of Environment and Sustainability, HKUST

Prof. Allen Huang
Associate Dean
HKUST Business School

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Associate Professor of Interdisciplinary Education, ENVR
Associate Dean (UG), AIS

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Associate Director of UG Programs
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Mr. Kevin Angelini
Head of Strategy and M&A, APAC
Zurich Insurance Company Ltd

Mr. Wai-Shin Chan
Managing Director, Head, Climate Change Centre of Excellence
Global Head of ESG Research
HSBC

Mr. Mervyn Tang
Head of Sustainability Strategy, APAC
Schroders

Ms. Carmen Tsang
Head of Sustainable Investment Banking, Greater China
Credit Agricole CIB

Ms. Esther Tsang
Director, APAC ESG Corporate Strategy
UBS
Program Learning Outcomes

Inter-disciplinary Knowledge and Critical Thinking
Understand and think critically about economic development, financial markets, and sustainability to identify and implement strategies and actions to support sustainable, inclusive growth and the net zero economy.

Communication and Engagement
Communicate and Engage with appropriate stakeholder groups to influence and empower them towards the cause of sustainable development.

Creativity and Innovation
Think creatively and drive innovation to enhance how financial tools and markets can better serve the cause of sustainable development globally, nationally, and within organizations.

Professional, Social Responsibility, Ethics
Uphold professional and ethical responsibility, and empower others to do the same, in support of sustainable development and inclusive growth.
## Curriculum

### Business & Finance
- Bloomberg Market Concepts Certification
- Derivative Securities
- ESG Investing
- Fixed Income Securities
- Green Finance Analysis Cases
- Intermediate Investments
- Risk Management
- Sustainable Supply Chain Management

### Environment & Sustainability
- Circular Economy and Life Cycle Assessment
- Environmental Sustainability Risks and Challenges
- ESG Management and Reporting
- Governing Green Finance: National and International Perspectives & Approaches
- Green Business Strategy
- LCA for Sustainable Development
- Social Sustainability Risks and Challenges

### Foundations
- Business Ethics and Social Responsibility
- Business Statistics
- Calculus
- Coding for Business
- Financial Management
- Introduction to Business Analytics
- Operations Management
- Principles of Accounting I
- Professional Writing for the Workplace
- Professional Speaking for the Workplace
- Science, Environment and Society - From Big Bang to Big Data
- Sustainability Fundamentals

### Major Electives & Free Electives
- University Common Core
- University Legal Education Requirement
### Credits Requirement: ≥ 120 credits

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<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tr>
<td>30 Credits</td>
<td>73-74 Credits</td>
<td>Major Required Courses</td>
<td>Major Electives</td>
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<td>University Common Core Courses</td>
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- **Major Required Courses**
- **Major Electives**
- **Free Electives**
Graduates will be able to work in various sectors, including but not limited to:

- Asset Management
- Banking
- Consultancy
- Government
- Research
- Risk Management
SGFN MSE Application

Application Window
- SGFN will be open for MSE application in **SPRING only**

Eligibility
- Completion of at least 29 credits, including transferred credits upon admission
- CGA 3.0 or above
- B- or above in Math course: MATH 1003/1012/1013/1020/1023
- C+ or above in LANG 1401/1402; B- or above in LANG 1403/1404

Assessment
- Holistic assessment based on CGA, selected courses performance, CV profile, personal statement, and interview performance

Timeline
- Published in Business School – Major Selection website
SGFN Contact & Social Media

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https://sgfn.hkust.edu.hk

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