MASTER IN SUSTAINABLE DEVELOPMENT MANAGEMENT
In the pursuit of economic and technological progress, we have exploited our resources and are at risk of going beyond our planetary boundaries. Yet for all our advances, poverty, inequality and illness remain rife in many parts of the world, and environmental degradation worsens with each passing day.

**This is where you come in.**

The world is in desperate need of pioneers who have the knowledge and skills to transform business as usual and lead us on a more sustainable path. For this reason, we have created a program to equip passionate, ambitious people with practical ideas and technical know-how to achieve positive environmental, social and development outcomes.
PROGRAM OVERVIEW

The Master in Sustainable Development Management at the Jeffrey Sachs Center aims to create a new generation of multidisciplinary practitioners adept at management and problem-solving using analytics and systems thinking guided by global concerns.

Over 18 months, the program will equip students with the management skills and acumen to create innovative solutions to achieve the Sustainable Development Goals specific to their sector.

The program will expose students to the scientific, technological, economic, and business understandings of the challenges to sustainable development, as well as provide them with in-depth knowledge of specific subject areas, such as climate change, urban sustainability, energy, water, infrastructure, biodiversity, land-use, waste management and corporate responsibility.
WHO WE’RE LOOKING FOR

Complex problems require multidisciplinary solutions. The Master in Sustainable Development Management is designed to attract candidates from a diverse range of expertise – from social sciences, public administration, business, engineering, physical sciences, information technology, communications, media and civil society organizations. We are looking for people who are passionate about developing skills in sustainable development, who want to make an impact in their organizations and societies, and who want to take their careers to the next level.
WHERE THIS MASTER’S COULD TAKE YOU

Graduates of the Master in Sustainable Development Management are expected to work in public and private organisations at all levels.

In the corporate sector, more and more businesses are establishing sustainability divisions to spur innovation that address social and environmental needs while simultaneously improving their bottom lines. Increasingly, various indices are being created to assess and rank businesses based on their sustainability.

In the public sector, governments strive to link the economic, environmental and social dimensions of development. The Sustainable Development Goals occupy the policy discussion in practically all sectors of government globally.

Graduates from this program will use their new knowledge and skills to generate solutions in their own organizations or sectors, or they may embark on new career paths. Whether they choose to become corporate innovators, social entrepreneurs, educators, consultants, political leaders, civil society activists, writers, or policymakers, they will be agents of change for a better world.
ENTRY REQUIREMENTS

Candidates should have a Bachelor’s degree (or equivalent) in a related discipline.

The program is designed for people with relevant working experience, however deserving recent graduates will also be considered.

English language requirements

Candidates who completed undergraduate studies where the medium of instruction was English would have met the language requirements.

International candidates should demonstrate English proficiency sufficient to meet the needs of the program.

Intake January

Application deadline 30 November

Please direct enquiries to jsc_admissions@sunway.edu.my

For more information please visit jeffreysachs.center/graduate-study

Acceptance into the program is by application and selection only.
# PROGRAM STRUCTURE

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<tr>
<th>Year 1</th>
<th>Semester 1</th>
<th>Jan to Apr</th>
<th>Earth’s Climate System</th>
<th>Economics of Sustainability Management</th>
<th>Sustainable Management and Operations</th>
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<td>Semester 2</td>
<td>May to Jun</td>
<td>Research Methods</td>
<td>Elective I</td>
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<td></td>
<td>Semester 3</td>
<td>Sep to Dec</td>
<td>Corporate Sustainability Strategies</td>
<td>Finance and Sustainability</td>
<td>Social Entrepreneurship and Development</td>
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<td>Research Project I</td>
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<td>Year 2</td>
<td>Semester 4</td>
<td>Jan to Apr</td>
<td>Elective II</td>
<td>Elective III</td>
<td>Elective IV</td>
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<td>Semester 5</td>
<td>May to Jun</td>
<td>Research Project II</td>
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### Electives:

1. Global Foundation Course: Introduction to Sustainable Development  
2. Fundamentals of Urban Sustainability  
4. Sustainable Agriculture and Food Systems  
5. Sustainable Engineering and Industrial Ecology

6. Energy Systems and Management  
7. Innovative Sustainable Leadership  
8. Sustainable Urban Practices  
9. Sustainable Economic Development  
10. Climate and Water Resources  
11. Sustainable Forestry  
12. Sustainable Transportation
WHO YOU’LL BE WORKING WITH

**Professor Jeffrey D. Sachs**
Chairman, Jeffrey Sachs Center on Sustainable Development  
Director, UN Sustainable Development Solutions Network  
Professor of Economics

Professor Jeffrey Sachs is a world-renowned professor of economics, leader in sustainable development, bestselling author and syndicated columnist, whose monthly newspaper columns appear in more than 100 countries. He served as the Director of the Earth Institute at Columbia University from 2002 to 2016 and was appointed University Professor at Columbia University in 2016. Prior to his arrival at Columbia University in July 2002, he spent over twenty years as a professor at Harvard University. He is Special Advisor to United Nations Secretary-General António Guterres on the Sustainable Development Goals and previously advised UN Secretary-General Ban Ki-moon on both the Sustainable Development Goals and the Millennium Development Goals; and UN Secretary-General Kofi Annan on the Millennium Development Goals. His work on ending poverty; overcoming macroeconomic instability; promoting economic growth; fighting hunger and disease; and promoting sustainable environmental practices; has taken him to more than 125 countries, collectively constituting more than 90 percent of the world’s population. He has advised governments and heads of state for more than thirty years. Professor Sachs received his B.A., M.A., and Ph.D. from Harvard.

**Professor Woo Wing Thye**
Director, Jeffrey Sachs Center on Sustainable Development  
President, Jeffrey Cheah Institute on Southeast Asia  
Professor of Economics

Professor Woo Wing Thye heads the Jeffrey Sachs Center on Sustainable Development at Sunway University. He also holds academic appointments at University of California at Davis, Columbia University, Fudan University, Chinese Academy of Social Sciences, and Penang Institute. His current research focuses on macroeconomic management of open economies; and on the growth challenges (e.g. the middle-income trap, and the Sustainable Development Goals) of the East Asian economies, particularly, China, Indonesia and Malaysia. He has led an international team (which included Leszek Balcerowicz, Boris Fedorov, Fan Gang and Jeffrey Sachs) to study the reform experiences of centrally-planned economies; has served as a special advisor to the U.S. Treasury; and headed the project “Asia Competitiveness Report 1999” to analyse the Asian financial crisis. In 2004, the University of California at Davis awarded him its Distinguished Scholarly Public Service Award; in 2006, he was appointed a Chang Jiang Professor by the Ministry of Education of China; and in 2016, he was appointed a National Distinguished Expert under the Thousand Talents Program of China. Professor Woo studied Economics at Swarthmore College, Yale University, and Harvard University.

**Professor Leong Choon Heng**
Deputy Director, Jeffrey Sachs Center on Sustainable Development  
Professor of Sociology, Environment and Sustainability

Professor Leong teaches in the fields of sociology, public policy, transportation and logistics. At the Jeffrey Sachs Center, his research is largely in the areas of sustainable development, community participation, sustainable transportation and education delivery systems. His earlier experience includes managing a university and heading its Transportation and Logistics Program where he taught courses related to sustainable transportation and the environment. He has also worked on policy issues at the Institute of Strategic and International Studies, which is a policy think-tank for the Malaysian government, and as consultant to several international organizations on social development, human resource development and environmental assessment. He holds a PhD in Sociology from Harvard University and a Bachelor of Arts degree from Colby College, USA.
Professor Shandre Mugan Thangavelu
Senior Fellow, Jeffrey Sachs Center on Sustainable Development
Vice President, Jeffrey Cheah Institute on Southeast Asia
Professor of Development Economics and Green Technologies

Professor Shandre Mugan Thangavelu is an active researcher on human capital development, technology transfer, foreign direct investment, trade, government infrastructure investment, productivity and economic growth; and has published extensively on these topics. Apart from his position at Sunway University, he is also Regional Director (Southeast Asia) at the Centre for International Economic Studies, Institute of International Trade, University of Adelaide; as well as the Director of the Asia Growth Research Centre, University of Adelaide. He was appointed Fellow of the Economic Research Institute for ASEAN and East Asia (ERIA) in 2017. He has also worked on several international projects commissioned by UNDP, World Bank, ASEAN Secretariat, APEC, and Asian Productivity Organization (APO). His graduate degrees are from Queen’s University, Canada.

Professor Yeah Kim Leng
Senior Fellow, Jeffrey Sachs Center on Sustainable Development
Professor of Development Economics

Professor Yeah Kim Leng’s research interests span development economics, monetary economics, capital markets and industry studies. These topics reflect his previous experiences as an economic analyst at a national policy think-tank, a chief economist at a credit rating agency and a lead consultant at an economics consultancy services subsidiary. His current research at the Jeffrey Sachs Center focuses on tax systems and structures and their effects on fiscal sustainability, economic growth and income inequality. He is an external member of the Central Bank of Malaysia’s Monetary Policy Committee. Professor Yeah holds a Bachelor of Science in Forestry from University Putra Malaysia; and an MBA and a PhD in Agricultural and Resource Economics from the University of Hawaii.

Dr Guido Schmidt-Traub
Senior Fellow, Jeffrey Sachs Center on Sustainable Development
Executive Director of the UN Sustainable Development Solutions Network

Dr Guido Schmidt-Traub is the Executive Director of the UN-SDSN. He has served as climate change advisor to the Africa Progress Panel secretariat and was CEO of Paris-based CDC Climate Asset Management, an investment company regulated by the French financial markets regulator. From 2008-2010 Guido was Director and Partner at South Pole Carbon Asset Management in Zurich, a leading developer of greenhouse gas emission projects. Prior to managing the MDC Support Team at UNDP (2006-2008) he served as Policy Advisor and then as Associate Director of the UN Millennium Project in New York, which was tasked with developing a concrete action plan for the world to achieve the Millennium Development Goals. He holds a Ph.D. in Economics from Wageningen University & Research; an M.Phil. in Economics from Oxford University; and a Masters in physical chemistry from the Free University Berlin.
SUNWAY UNIVERSITY

Sunway University is dedicated to championing sustainability on and around campus, and to nurturing a community of socially and ecologically responsible individuals. The campus is strategically located in Sunway City, Malaysia’s first integrated green township to be certified by the Green Building Index.

The Sunway City township was transformed from a tin mining wasteland to a sustainability model for other townships nationally and regionally. It has also been recognised as a Top Smart City Initiative in the Asia Pacific region and an Integrated Smart and Low-Carbon Township by IDC Government Insights in 2017.

The student experience at Sunway University has many benefits including green spaces and environment-friendly infrastructure such as elevated canopy walkways, convenient public transportation and bio-diversified theme parks – all of which are situated in a pollution-free area.

From practical initiatives such as the biannual e-Waste Disposal Campaign and collaborations with NGOs on projects such as the Earth Warriors, to academic pursuits in carbon dioxide waste conversion and optimisation of renewable energy technology, Sunway University is committed to various activities to achieve its sustainability objectives.
The Jeffrey Sachs Center on Sustainable Development tackles the sustainability agenda through education, training, research and policy advisory. As the Southeast Asian base for the United Nations Sustainable Development Solutions Network, the Center is a hub of research and policy practice, delivering world-class programs to train students, practitioners and policy leaders on sustainable initiatives while working in collaboration with industries, agencies, government bodies and universities worldwide.

The Center was established through a contribution by the Jeffrey Cheah Foundation – the biggest of its kind towards advancing the 17 Sustainable Development Goals. The Center operates out of Sunway University under the supervision of Professor Jeffrey D. Sachs, one of the world’s leading experts in sustainable development.