

CARBON ACCOUNTING FOR ENTERPRISES

SGFIN-01

Carbon accounting is critical to understand, manage and mitigate greenhouse gas emissions. By measuring and tracking greenhouse gas emissions and understanding their impact on climate change, carbon accounting helps businesses set targets and track progress in their sustainability goals for the management of their environmental impact, compliance with regulations, assessment of risk factors, and promotion of sustainable practices throughout their operations and supply chains. This course focuses on the fundamental concepts and applications of carbon accounting, which are essential components of effective sustainability management and sustainability investing.

\$ SGD 2,052
SGD 205.20 after max funding

📍 NUS Campus

📅 2 Days
9am – 5.30pm

📖 Intermediate Level

TOPIC COVERAGE

- ✓ Fundamental concepts and applications of carbon accounting for measurement and reporting on environment impact.
- ✓ Frameworks and standards for measurement and reporting on environmental impact, such as Greenhouse Gas Protocol and the IFRS Sustainability-related Disclosures Standard.
- ✓ Legal and regulatory frameworks related to carbon accounting, including mandatory reporting requirements and voluntary disclosure initiatives.
- ✓ Comprehensive carbon footprint analysis for a business, including the calculation of greenhouse gas emissions and the identification of reduction strategies.
- ✓ Analysis and evaluation of case studies and real-world examples of carbon accounting practices and assessment of challenges and limitations of these practices.

WHO SHOULD ATTEND

This course is relevant for professionals who are driving sustainability transformation for their organizations or are looking to upskill and accelerate their career in the sustainability space. These typically include Chief Sustainability Officers, business and organizational leaders, product & project managers, sustainability professionals, public policy makers, and consultants.

In addition, as Carbon Accounting is increasingly incorporated in mainstream financial and investment practices, this course will be useful for audit and compliance officers, financial accountants, carbon accountants, financial analysts, business analysts, risk management officers, relationship managers, loan officers and financial accountants. Our participants will learn essential concepts and tools to become better equipped in helping their companies identify the core areas to focus their efforts on in their sustainability journeys.

PRE-REQUISITES

Basic understanding of financial concepts, as well as how companies operate within a competitive environment

APPLICATION PROCEDURE

- Participants are strongly advised to apply at least 1 month in advance.
- Participants who attend all classes and pass the assessment of the course will be awarded a Certificate.

FEES & FUNDING

- ✓ This course is eligible for subsidies under SkillsFuture Singapore (SSG).
- ✓ Singaporeans and PRs can enjoy up to 90% subsidies.
- ✓ Singapore Citizens or PRs eligible for SSG grant must attain at least 75% training attendance and passed all prescribed assessments

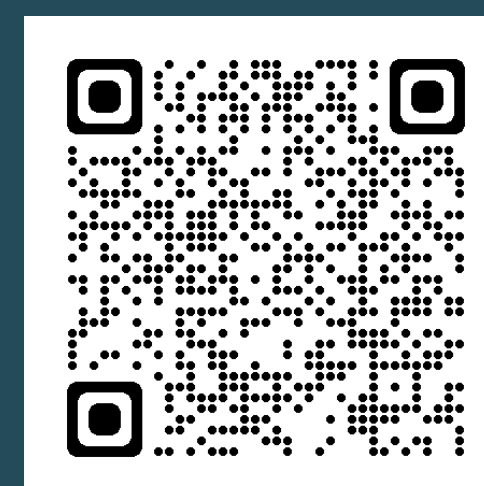
Fees & Funding	Self-Sponsored	SME (ETSS Scheme) Company Sponsored	Non-SME Company-Sponsored
Course Fees	\$ 2,052.00	\$ 2,052.00	\$ 2,052.00
Singapore Citizens and PRs aged 21 and above	\$ 615.60	\$ 205.20	\$ 615.60
Singapore Citizens aged 40 years and above (MCES Scheme)	\$ 205.20	\$ 205.20	\$ 205.20

The above prices are quoted in Singapore dollars (SGD), inclusive of 8% GST

SkillsFuture Course Code : TGS-2023022214

Visit Us Online, or contact:

✉ sgfin@nus.edu.sg





NUS
National University
of Singapore

Sustainable and
Green Finance Institute

PROFESSIONAL PROGRAMMES INSTRUCTOR



**DR. SA-PYUNG
SEAN SHIN**

Department of Accounting
NUS Business School

Dr. Sa-Pyung Sean Shin is a Senior Lecturer of Accounting at the National University of Singapore. Dr. Shin holds a Doctor of Business Administration degree in Accounting and Management from Harvard Business School, a Master I degree in Economics from Toulouse School of Economics in France, and a Bachelor's degree in Business Economics with a minor in Accounting from UCLA.

In addition, Dr. Shin possesses the Fundamentals of Sustainability Accounting (FSA) Credential from the IFRS Foundation. His primary research interests lie in the areas of corporate governance and sustainability accounting.

Further, Dr. Shin is an active member of the IFRS FSA City Group Singapore, enriching his expertise and contributing to the ongoing discussions in sustainability accounting. Prior to joining NUS in 2021, he served as an Assistant Professor at Singapore Management University, where he taught courses on corporate reporting and financial analysis.



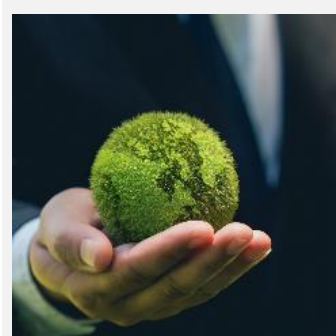
EXECUTIVE EDUCATION PROFESSIONAL PROGRAMMES

Sustainable and Green Finance Institute is supported by MAS to "groom a broad pipeline of talent and leadership in sustainable and green finance across the career spectrum." (MAS MD Ravi Menon, "Financial Times: Investing for Good" Conference). SGFIN curates professional programmes tailored for the needs of finance, accounting and corporate sectors. Our short-term courses serve as an important steppingstone for executives, managers, officers, strategists, and those involved in driving sustainability transformation within their organizations. Our short courses will be conducted in face-to-face format and led by facilitators from NUS.



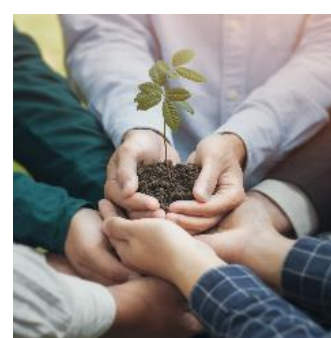
SGFIN-01 Carbon Accounting for Enterprises: In this 2-day SSG funded short course, participants will learn fundamental concepts and applications of carbon accounting, frameworks and standards for measurement and reporting on environmental impact (such as GHG protocols), mandatory reporting requirements and voluntary disclosure initiatives. Our participants will also practice comprehensive carbon footprint analysis, GHG emissions calculation, and carbon reduction strategies - accompanied by relevant real world case studies.

SGFIN-02 Sustainable Project Financing: This 2-day SSG funded short course provides participants with a broad understanding of the principles and practices involved in the integration of ESG considerations in project evaluation and financing. Participants will learn various financing models and funding sources for sustainable projects. By the end of the course, participants will be equipped with the necessary knowledge and tools to evaluate sustainable projects with environmental and social considerations, making more informed investment/financing decisions and fostering long-term sustainability for businesses, organizations, and the society.



SGFIN-03 Sustainability Reporting and Governance: This 2-day SSG funded short course focuses on the key areas of sustainability reporting on ESG factors, to meet the rapidly evolving demands of regulators, investors and consumers. The course covers key stakeholders and important ESG factors and the reporting, the evolving landscape of ESG rating systems, as well as the latest developments in global, regional and local sustainability reporting frameworks. By the end of the course, the participants should be able to recommend policies and practices in key areas of corporate strategies that are aligned with ESG considerations.

SGFIN-04 Financial Valuation of Social and Environmental Impact: This 2-day SSG funded short course equips participants with the prevailing methodologies and tools to value the social and environmental impacts of their business activities and operations. Such valuation will facilitate more consistent and optimal resource allocation and investment decision at the enterprise level.



SGFIN-05 Green Finance for the Built Environment: This 1-day open course introduces participants to the integration of economic concepts with the environmental and social performance of green buildings. At the end of the course participants will be able to leverage economic value capture from sustainability initiatives, highlight the carbon impact and attract investor/private sector financing interest in agencies' sustainable development projects, understand how sustainability will be transformed from a cost item to a revenue item, and understand the use of carbon shadow pricing in public sector CBA analysis for sustainability projects.

Social and Sustainable Investing: This 2-day SSG funded short course focuses on making investment decisions that incorporate social and environmental considerations. Social and Sustainable investing has been attracting increasing public interest in the recent decade. With many related investment opportunities appearing on the market, this course aims to provide insights and principles that enable better investment decisions in this emerging field.



- \$ SkillsFuture funding (SSG) applies to eligible courses of up to 90% subsidy
- 📍 NUS Campus
- 📅 1-2 Day Courses
9am – 5.30pm / 6pm

PRE-REQUISITES

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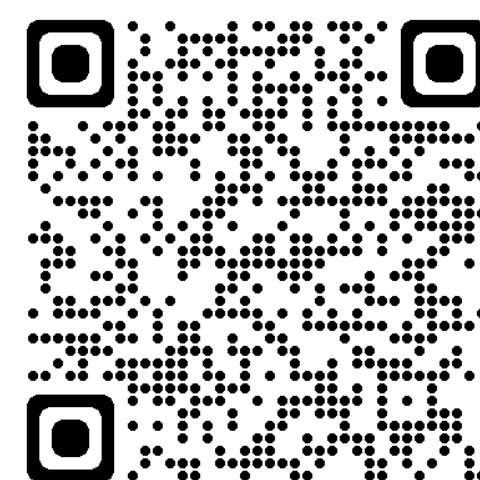
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