

SUSTAINABLE BUSINESS, MS

Introduction

Climate change, carbon emissions reform, and scarce resources create a strong demand for sustainability expertise. Are you ready to become an expert in sustainable business and make a global impact with your degree? Prepare for sustainability roles in both public and private sector organizations. Learn core sustainable business concepts and dive deep into two of six elective certificates that allow you to tailor your degree or customize the program to fit your career needs.

The Master of Science in Sustainable Business (SUSB) program offers seven different certificates, interdisciplinary courses, a large offering of 8-week online courses, and connections to our Sustainable Business Advisory Council and partners through events and guest speakers.

In the MS SUSB program, you'll learn key concepts and issues in the field and gain knowledge and skills, including Sustainable Business Accounting, Managing for Sustainability, Sustainable Supply Chains and Circularity, and impact investing, including the opportunity to earn certificates of your choice along the way toward earning your MS degree. In addition to earning a certificate in the Foundations of Sustainable Business, you'll gain targeted knowledge and skills in particular domains of your choice by earning additional certificates, including Environmental Sustainability, Sustainable Energy, Risk Management & Resilience, Social Enterprise, Managing for Sustainability, or, if on campus, Urban Sustainability and Infrastructure.

With a career-focused mindset, you can use this degree to take a significant sustainable business role in your organization or entrepreneurial firm to drive successful outcomes and innovation.

Unlike an MBA, which covers a number of different business functions and typically only offers courses from across the Business School, with the MS in SUSB, you'll dig deeper into the sustainable, environmental, and social aspects of running a business, as well as gain interdisciplinary and cross-college expertise to deepen your knowledge into specific sustainability domains of your choice. Sustainability requires interdisciplinary knowledge and skills, so this MS degree is designed to ensure you walk away with the breadth and depth of sustainability knowledge – beyond traditional business disciplinary knowledge - to be successful.

You'll have full access to the CU Denver Business Career Connections (<https://business.ucdenver.edu/careers/>) team for life. With 10+ years of recruiting and advising experience, they'll help you navigate the corporate recruiting process. Use CU Denver Business School's connections with 300+ business partners to access exclusive opportunities and network with industry leaders. Their services include:

- **Career workshops** – perfect your resume, LinkedIn profile, and job search process.
- **Individual appointments** – explore what your personal career path looks like, review your resume, or schedule a mock interview
- **Career events** – hone your networking skills and meet hiring managers from top companies
- **Job announcements** – monthly emails with the latest job and internship opportunities specific to your degree

Program Requirements

Required Certificate

The following is the required certificate of the MS Sustainable Business program that sets the foundation for success in sequential certificates and coursework from within the Business School and beyond. As such, this certificate serves as a pre-requisite certificate that should be completed prior to beginning the elective certificates.

Foundations of Sustainable Business Certificate

Code	Title	Hours
<i>Required Courses:</i>		
SUSB 6000	Key Concepts and Issues in Sustainable Business	3
SUSB 6821	Managing for Sustainability	3
SUSB 6285	Accounting and Finance for Sustainability	3
SUSB 6827	Global Climate Change	3
SUSB 6828	Sustainable Supply Chains and Circularity	3
Total Hours		15

Elective Certificates

Students will need to earn two of the following six elective certificates in pursuit of the MS Sustainable Business. Some individual courses appear as options toward the completion of multiple certificates. However, individual courses taken to fulfill one certificate cannot be double-counted and applied toward the completion of a second certificate. Alternative courses from the approved lists will need to be selected instead to avoid double-counting.

Environmental Sustainability Certificate

Modality: Online, with many face-to-face options

Description: This certificate is designed to introduce students to the various environmental challenges (e.g., water and natural resources, climate change, environmental wastes, and pollution) that companies face. Courses in this certificate will teach students not only how to manage and report on a company's environmental performance, but how to develop sustainable and regenerative business practices to protect, restore, and improve our natural environments and resources.

Code	Title	Hours
<i>Required Course:</i>		
SUSB 6826	Environmental Sustainability and Stewardship	3
<i>Complete 2 of the following:</i>		
CVEN 5404	Water and Wastewater Treatment	6
ENVS 5020	Earth Environments and Human Impacts	
ENVS 5305	Water Quality and Resources	
ENVS 5720	Climate Change: Causes, Impacts and Solutions	
ENVS 6200	Risk Assessment	
GEMM 6240	Environmental, Social, Governance (ESG) Trends in Energy & Commodities	
GEMM 6710	Carbon Markets: Navigating the Future of Business	
GEOG 5265	Sustainability in Resources Management	
GEOG 5440	Science, Policy and the Environment	
PUAD 5631	Seminar in Environmental Politics and Policy	
RISK 6028	Global Enterprise Sustainability and Resilience	
URPL 6235	Environmental Justice	

URPL 6500	Environmental Planning/Management	
Total Hours		9

Sustainable Energy Certificate

Modality: Online primarily with some in-person options

Description: Courses in this certificate introduce students to the key concepts for understanding and managing renewable energy resources, and how to lead the global energy transition to renewable energy.

Code	Title	Hours
<i>Complete 3 of the following:</i>		
GEMM 6240	Environmental, Social, Governance (ESG) Trends in Energy & Commodities	9
GEMM 6000	21st Century Global Energy Issues and Realities	
GEMM 6300	Technical Aspects of Energy Science	
GEMM 6450	Strategic Management of the Energy Industry	
GEMM 6710	Carbon Markets: Navigating the Future of Business	
GEMM 6630	Project Development, Management and Leadership in Renewable Energy	
HIST 5616	Global History of Energy	
PUAD 5740	Sustainable Energy Policy	
Total Hours		9

Risk Management and Resilience Certificate

Modality: Primarily online, some in-person options

Description: Courses in this certificate introduce students to the concepts of risks, hazards, exposure, and resilience. Students will learn how to successfully manage and lead a company through periods of volatility, complexity, uncertainty, and ambiguity typical of many sustainability and environmental challenges.

Code	Title	Hours
<i>Required Course:</i>		
SUSB 6309	Strategic Risk Management	3
<i>Complete 2 of the following:</i>		
MGMT 6320	Leading Organizational Change	6
RISK 6129	Practical Enterprise Risk Management	
RISK 6509	Global Risk Management	
RISK 6028	Global Enterprise Sustainability and Resilience	
URPL 6645	Disaster/ClimateChangePlanning	
Total Hours		9

Social Enterprise Certificate

Modality: Online with many face-to-face options

Description: Courses in this certificate build students' abilities to design and launch successful businesses that are responsive and sensitive to social needs, equity and justice, and human well-being.

Code	Title	Hours
<i>Required Course:</i>		
SUSB 6300	Social Enterprise	3
<i>Complete 2 of the following:</i>		
ENTP 6200	Purpose-Driven Innovation in Social Entrepreneurship	6

HBSC 7210	Human Health and Environmental Pollution	
INTB 6026	Marketing Challenges at the Global Frontier	
PUAD 5125	Civil Society and Nongovernmental Organizations	
PUAD 5260	Managing for Social Equity	
PUAD 5325	Public Private Partnerships	
URPL 6235	Environmental Justice	
URPL 6400	Community Development	
Total Hours		9

Managing for Sustainability Certificate

Modality: Online only

Description: Courses in this certificate train students to launch and lead strategic initiatives in their enterprises that improve social and environmental outcomes, and build sustainable enterprises that thrive in any business environment.

Code	Title	Hours
<i>Complete 3 of the following:</i>		
SUSB 6825	Transformative Leadership for Sustainability	9
ENTP 6848	Leadership for New and Innovative Ventures	
GEMM 6630	Project Development, Management and Leadership in Renewable Energy	
GEMM 6400	Leadership and Decision Making in the Global Energy Environment	
MGMT 6320	Leading Organizational Change	
MGMT 6620	Strategic Management	
MGMT 6803	Visionary Leadership	
MGMT 6822	Business Ethics and Corporate Social Responsibility	
PUAD 5260	Managing for Social Equity	
Total Hours		9

Urban Sustainability and Infrastructure Certificate

Modality: In-person only

Description: Cities are the most rapidly growing regions globally. They must be designed collaboratively with public, private, and civic sectors to make them more sustainable in the future. This certificate is designed for aspiring business leaders who plan to engage or collaborate with the public and civic sector to make our cities more just, livable, and sustainable through urban design, infrastructure planning, land use, and other urban sustainability concepts.

Code	Title	Hours
<i>Required Course (Choose 1):</i>		
URPL 5040	Urban Sustainability	3
GEOG 5680	Urban Sustainability and Resiliency: Perspectives and Practice	
<i>Complete 2 of the following:</i>		
URBN 6625	Urban Design Economics and Equity	6
URBN 6650	Urban Design and the Environment	
URPL 6555	Transportation, Land Use, and the Environment	
CVEN 5633	Sustainable Transportation Systems	
Total Hours		9