

# Sustainability Management (MS)

*This program is offered by the George Herbert Walker School of Business and Technology. It is available online via synchronous modality (Live Virtual) and at the Webster Leiden campus..*

## Program Description

This program is designed to familiarize students with the recent policies, regulations, technologies, and best practices in sustainability management. It challenges the students to think about what sustainable development is, and to understand the trade-offs between different solutions in terms of both financial and ESG impact. Students are expected to undertake a consulting project to measure the sustainability performance of a real company and to advise on its sustainability strategy. Upon completion of the program, students will be equipped with both theoretical concepts and practical skills in sustainability management and will be ready to embark on a career that contributes to a more sustainable world.

## Learning Outcomes

Successful graduates of this program will be able to:

- Explain the concept of sustainability and the theories underpinning sustainability management.
- Identify the opportunities and challenges for a company in line with the governmental policies and regulations regarding sustainable development.
- Analyze different business projects, practices, and technologies used in sustainability development and compare the trade-offs between different solutions.
- Measure and critically evaluate the sustainability performance of a company.
- Develop a sustainability strategy for a company in line with the triple bottom line.

## Program Curriculum

### 36 credit hours

- SUMA 5000 Introduction to Sustainability Management (3 credits)
- SUMA 5100 Sustainability Leadership for People Planet and Profit (3 credits)
- SUMA 5200 Sustainable Design & Operations Management (3 credits)
- SUMA 5300 Sustainability, Strategy, and Decision Making (3 credits)
- SUMA 5400 Circular Economy (3 credits)
- SUMA 5500 Law and Governance on Sustainability (3 credits)
- SUMA 6100 ESG Practices in the Market (3 credits)
- SUMA 6200 Sustainability in Action (3 credits)
- BUSN 5200 Basic Finance for Managers (3 credits)
- ENMG 6120 Waste Management and Pollution Control (3 credits)
- MNGT 5990 Corporate Responsibility and Society (3 credits)
- Elective\*\*

\*\* Students may choose an elective from courses offered by Walker Business School or the Environmental Management Program. For detailed courses, please refer to <https://www.webster.edu/catalog/current/graduate-catalog/degrees/environmental-management-ms.html> and <https://www.webster.edu/catalog/current/graduate-catalog/business-and-technology.html>.

For students joining the program without an accredited business degree, they have to take BUSN 5000 Business as an elective.

## Emphasis in Environmental Sustainability

*Emphasis credit hours: 9-12*

*Total degree and emphasis credit hours: 45 or 48\**

Students who are interested in environmental sustainability could choose to do an emphasis in Environmental Sustainability, offered by the Department of Biological Sciences. The emphasis includes the following courses, which are listed in the graduate academic catalog on the Environmental Management (MS) degree page.

## Additional Emphasis Learning Outcomes

Upon completion of this emphasis, students will be able to:

- Identify the basic scientific principle of ecology and biodiversity and the way human systems integrate with natural systems.
- Conduct research and present findings on selected environmental sustainability topics.
- Identify the limits of science and law in resolving environmental disputes.
- Review managerial, technological and policy approaches to natural resource management.
- Effectively communicate energy-related legislation and policies to stakeholders.

## Emphasis Curriculum

- ENMG 5400 Environmental Sustainability (3 hours)
- ENMG 5410 Environmental Ethics and Decision Making (3 hours)
- ENMG 5420 Natural Resource Management and Sustainability (3 hours)
- ENMG 5430 Energy Policy and Sustainability (3 hours)

\*For students joining the program without an accredited business degree, they must take BUSN 5000 Business as an elective, plus four emphasis courses, amounting to a degree total of 48 credits. For students joining the program with an accredited business degree, they may use an emphasis course as an elective, amounting to a total of 45 credits.

## Admission

See the Admission section of this catalog for general admission requirements. Students interested in applying must submit their application online at [www.webster.edu/apply](http://www.webster.edu/apply). Transcripts should be sent from your institution electronically to [transcripts@webster.edu](mailto:transcripts@webster.edu). If this service is not available, send transcripts to:

Office of Admission  
Webster University  
470 E. Lockwood Ave.  
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