

# ENVIRONMENTAL, SOCIAL, AND GOVERNANCE FACTORS FOR BUSINESS: SOCIAL AND GOVERNANCE FACTORS ,BS

The Concentration/Major in Environmental, Social, and Governance Factors for Business (ESGB) is designed to provide in-depth foundations for those interested in the complex relationships between business and the natural environment and business and society more broadly, including management of environmental, social, and governance risks and opportunities, the business and economics of energy, and the ways in which firms incorporate ESG factors into their governance. There is a strong need for a new generation of expert business leaders who understand the rapidly evolving trends in business models, technology, regulation, and financing with implications for the environment and society as a whole. Students choosing the ESGB Concentration/Major are therefore ideally suited for the ever-expanding set of careers in many fields. Relevant courses are offered by departments including Accounting, Business Economics and Public Policy, Finance, Legal Studies and Business Ethics, Management, Marketing, and Operations Information and Decisions. This Concentration/Major is jointly administered by the Business, Economics and Public Policy Department, the Legal Studies and Business Ethics Department, and the Management Department. The Faculty Advisors to this Concentration/Major are Professors Arthur van Benthem (BEPP), Vit Henisz (MGMT) and Sarah Light (LGST). Questions regarding this Concentration/Major should be directed in the first instance to Sarah Jane McAffrey.

**For more information:** <https://esg.wharton.upenn.edu/students/esg-concentration/>

## Environmental, Social, and Governance Factors for Business - Social and Governance Factors Track

Code	Title	Course Units
Undergraduate Students must take four credit units from the following list of courses:		
Social and Governance:		
ACCT 2700	Forensic Analytics	4
BEPP 2010	Public Finance and Policy	
BEPP 2650	Economics of Diversity and Discrimination	
FNCE 2540	ESG and Impact Investing	
FNCE 4020	Shareholder Activism	
LGST 2020	Law of Corporate Management and Finance	
LGST 2080	The Law at Work: Employment Law for Managers	
LGST 2160	Emerging Economies	
LGST 2180	Diversity and the Law	
LGST 2190	Law and Policy in International Business	
LGST 2200	International Business Ethics	
LGST 2210	Constitutional Law and Free Enterprise	

LGST 2240	Human Rights and Globalization
LGST 2260	Markets, Morality & the Future of Capitalism
LGST 2300	Social Impact and Responsibility: Foundations
LGST 2410	Theories of Business Enterprise
LGST 2420	Big Data, Big Responsibilities: The Law and Ethics of Business Analytics
LGST 2430	Other People's Money: The Law, Politics, and History of Financial Institutions
MGMT 2090	The Political Environment of the Multinational Firm
MGMT 2120	Social Entrepreneurship
MGMT 2140	Market Dynamics and Technical Change
MGMT 2420	Corporate Governance, Executive Compensation and the Board
MKTG 2660	Marketing for Social Impact
MKTG 3530	Special Topics: The Business of Wellness: Marketing and Consumption

Note: For both undergraduates and MBA students especially interested in ESG analytics, we note that while the STAT Department does not have courses on this list that count toward the 4 required credit units for the concentration/major, the following courses may be of special interest:

STAT 4100	Data Collection and Acquisition: Strategies and Platforms		
STAT 4220	Predictive Analytics for Business		
STAT 4230	Applied Machine Learning in Business		
STAT 4240	Text Analytics		
STAT 4350	Forecasting Methods for Management		
STAT 4420	Introduction to Bayesian Data Analysis		
STAT 4700	Data Analytics and Statistical Computing		
STAT 4710	Modern Data Mining		
STAT 4750	Sample Survey Design		
STAT 4770	Introduction to Python for Data Science		
Other Wharton Requirements			33
<b>Total Course Units</b>			<b>37</b>

## Other Wharton Requirements

Code	Title	Course Units
<b>First-Year Foundations</b>		
BEPP 1000	Introductory Economics for Business Students <sup>1</sup>	1
MATH 1400	Calculus, Part I	1
	or MATH 1100 Calculus for Wharton Students	
<i>Writing</i>		
	Critical Writing Seminar	1
<b>Business</b>		
<i>Business Breadth (non-concentration courses)</i>		3
<i>Leadership Journey</i>		
WH 1010	Business and You	0.5
WH 2010	Business Communication for Impact	0.5
MGMT 3010	Teamwork and Interpersonal Influence	0.5

Capstone Course/Project	0.5
<i>Fundamentals</i>	
ACCT 1010	Accounting and Financial Reporting 1
ACCT 1020	Strategic Cost Analysis 1
BEPP 2500	Managerial Economics 1
FNCE 1000	Corporate Finance 1
FNCE 1010	Monetary Economics and the Global Economy 1
LGST 1000	Ethics and Social Responsibility 1
or LGST 1010	Law and Social Values
MKTG 1010	Introduction to Marketing 1
OIDD 1010	An Introduction to Operations, Information and Decisions 1
STAT 1010	Introductory Business Statistics 1
STAT 1020	Introductory Business Statistics 1
<i>Global Economy, Business &amp; Society</i>	
One course unit required	1
<i>Technology, Innovation &amp; Analytics</i>	
One course unit required	1
<b>Liberal Arts &amp; Sciences</b>	
<i>Foreign Language</i>	
Second semester-level course or equivalent required	1
<i>Humanities</i>	
At least one course unit required	1
<i>Natural Science, Math &amp; Engineering</i>	
At least one course unit required	1
<i>Social Science</i>	
At least one course unit required	1
<i>Cross-Cultural Perspectives</i>	
Three course units required <sup>2</sup>	3
<b>Unrestricted Electives</b>	
Five course units required	5
<b>Total Course Units</b>	<b>33</b>

<sup>1</sup> For students who take ECON 0100 Introduction to Micro Economics and ECON 0200 Introductory Economics: Macro in place of BEPP 1000 Introductory Economics for Business Students of these courses can be slotted for BEPP 1000 on the worksheet. The second course may be used to fulfill a General Education Distribution or Unrestricted Elective requirement.

<sup>2</sup> Two can double-count as Humanities; Natural Science, Math & Engineering; Social Science; or Flex Gen Ed.

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The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2023 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.

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