

Requirements		Notes	Course	Credits	Term
SusDev Core	Specialization Core – 6 credits total	REQUIRED-EAS 514 and one of the following: EAS 501.107 or EAS 515	514	1.5	
		Additional SusDev Core. Please see the list on second page of this form.			
SEAS Core	EAS 509 (Natural Systems Core) EAS 510 (Social Systems Core) or 3CR course from the Social Systems distribution list *				
	IAMS Requirement * Two courses; 3CR minimum Please see other side of form for approved courses.				
Electives	Electives	REQUIRED - 6CR of SusDev Specific electives. <i>Students are strongly encouraged to take EAS 501.106 "Methods and Approaches to SusDev Problems"</i>			
		All other electives must be a graduate level of 400-level or above			
Analytics	Analytics	One statistics course and an additional analytic skills courses Recommended courses listed on 2 nd page			
Capstone or Non-Capstone	Capstone	At most 6 credit hours of EAS 701 (Master's Project) Students may also petition to complete a practicum of thesis.			
	Non-Capstone	6CR of coursework with a SusDev focus. Students need to petition to complete this option			
	TOTAL "EAS" CREDIT HOURS	Minimum 25 of 42 credit hours			
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*IAMS and Social Science Distribution courses can double-count with Core requirements but we do not double-count the actual credits.

**Any waiver or substitution of degree requirement must be approved by the appropriate faculty and submitted to SSC.

Current Courses

SEAS Core - 7 credits

EAS 509 Ecology: Concepts and Applications (F or W) 4 credits

EAS 510 Science and Practice of Social Change (F)

or 3 credits from the Social Systems Distribution list.

Sustainability & Development Core - 6CR total

Required:

EAS 514 Foundations in SusDev: Theories and Frameworks (1.5) [P]

Required: At least one of the following:

EAS 501.107 Cross Cutting issues in SusDev (1.5) [S]

EAS 515 Foundations in SusDev: Grand Challenges (1.5) [P,E]

Required: One course required from Additional SusDev Core list (Can take additional courses as electives*)

EAS 501.106 Methods and Approaches to Sustainable Development Problems (3CR) [P,I,E]

EAS 501 Transformations

EAS 542 Conservation and Development (3CR) [I]

EAS 563 Introduction to International Environmental Policy (3CR) [I]

EAS 577 Political Ecology I: Environmental Violence (3CR) [I]

EAS 582 Program Evaluation for Sustainability & Development Evaluation (3CR) [E]

Pre-Approved Sustainability & Development Electives – 6CR

*Any of the above Additional SusDev Core

EAS 501.008 Climate Change, Energy, and Social Justice (3CR) [S]

EAS 501.117 Sustainability and Development: Program Management (3CR) [P]

EAS 501.117 - Sustainability Science (1.5CR)

EAS 525 Energy Justice (3CR) [I,E]

EAS 529 Indigenous Sustainability and EJ (3CR) [I,S]

EAS 547 Wildlife and Society (3CR) [I]

EAS 553 Diverse Farming Systems (3CR) [I]

EAS 555 Climate and Development (3CR) [I]

EAS 567 Social Vulnerability & Adaptation (3CR) [I]

EAS 639.024 - Global Environmental Change and Sustainable Food Systems (2CR)

EAS 630 Preparing for International Fieldwork (1CR) [I]

AAS 600/EAS 501 Proseminar in Africa Studies (3CR) [E]

EAS 501 – Sustainable International Development

EAS 501 – The International Development Career Landscape

EAS 501 – International Agrifood Systems

EAS 501 – International Development Career Workshop

ADDITIONAL ELECTIVE COURSES RELATED TO THE SUSDEV SPECIALIZATION

This is the list of UM-wide graduate level courses that complement the four thrusts of SusDev Curriculum [PIES]. Must obtain advisor approval to be counted as a SusDev elective course. On the approval request form, please note that the course is listed as an “Additional SusDev Elective Course”

P (Poverty and inequality)	I (Institutions and governance)
ECON 665 Economic Development and Transition	EAS501 Climate Change Solutions and Equity
PUBPOL 534 Economies of Developing Countries	EAS 527 Energy Market and Politics
PUBPOL 746 Social Welfare Policy	EAS 558 Water Policies and Politics
	EAS 584 Water Resource Economics
	EAS 574/PUBPOL 519 Sustainable Energy System

SW 638 Theories of Social Justice and Policies SW 680 Power in Global Context	ESENG 501 (CEE 565) Seminars in Energy Systems Technology and Policy LAW 666 Climate Change and the Law: The Legal Response to a Rapidly Warming Planet Law 679 Environmental Law and Policy PUBPOL 558 Economic Analysis in the Practice of Public Policy PUBPOL 563 Politics of Environmental Regulation PUBPOL 750 Psychology of Climate Change
E (Evaluation of policies and programs)	S (Sustainability transitions/transformation)
HBEHED 592 Health Program Evaluation PUBPOL 539 Quantitative Methods of Program Evaluation SW 678 Program Evaluation and Applied Research URP 525 Regional Planning URP 573 Infrastructure Planning in the US & Developing Countries	EAS501 Topic: Climate Education in Higher Ed EAS501 Climate Change Science and Solutions EAS 528 Sustainable Food System EAS 565 Principles of Transition Strategy 564/EAS 512 Strategies for Sustainable Development I: Enterprise Integration Strategy 565/EAS 513 Strategies for Sustainable Development I: Market Transformation

S&D Analytics

One statistics course and one analytics course (recommended)

Statistics: EAS 538 - Natural Resources Statistics (4CR)

Statistics: EAS 635- Multivariate Statistics for Environmental Science (3CR)

Spatial Analysis: EAS 531 - Principles of GIS (4CR)

Spatial Analysis: EAS 540.001 - GIS&NR Applications (2CR)

Methods: EAS 570 - Environmental Economics (3CR)

Methods: EAS 548/648 – Intro and Adv Geovisualization of Environment and Society (1.5CR-3CR)

[Integrated Analytic Methods and Skills Requirement](#)

Students are required, at some point during their time enrolled in the program, to take 2 courses composing at least 3 credits from a faculty-approved list of courses that focus on integrative analytic methods and skills. IAMS courses can double-count with Core requirements but we do not double-count the actual credits.