### Summary of Requirements for a Master of Science (MS) Degree Effective Fall 2021

**Last Revised 07/07/2021**

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<td><strong>SusDev Core</strong></td>
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| **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  
At least 6 credits of SusDev coursework (please see course list on page 2)  
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 2nd page |        |         |      |
| **Capstone or Non-**  | Capstone  
Option 1: At most 6 credit hours of EAS 701 (Master’s Project) or EAS 702 (Master’s Practicum)  
or  
At most 12 credits of EAS 700 (Master’s Thesis) |        |         |      |
| **Capstone**          | Non-Capstone  
6 credit hours of SusDev coursework |        |         |      |
| **TOTAL “EAS” CREDIT HOURS** | Minimum 25 of 42 credit hours |        |         |      |
| **TOTAL CREDIT HOURS** | Minimum 42 credit hours |        |         |      |

**Notes:**

- 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 OAP.
Current Courses

**SEAS Core - 7 credits**
EAS 509 Ecology: Concepts and Applications (F) 4 credits
EAS 510 Science and Practice of Social Change (F)
or 3 credits from the Social Systems Distribution list.

**Sustainability & Development Core - 6 credits total**
(Select one course from each of the two lists)

**List A**
EAS 501.162/262 – Foundations for Sustainability and Development (1.5CR each)
EAS 563 - Introduction to International Environmental Policy (3CR)
**EAS 542 - Conservation and Development (3CR)**
EAS 577 - Political Ecology I: Environmental Violence (3CR)

**List B**
EAS 553 - Diverse Farming Systems (3CR)
**EAS 542 - Conservation and Development (3CR)**
EAS 501.007 – Wildlife and Society (3CR)
EAS 501.117 - Sustainability Science (1.5CR)

**EAS 542 can count towards List A or List B but NOT both.**

**Sustainability & Development Electives – 6 credits**
EAS 501.162 - Sustainability, Development, and Program Evaluation (3CR)
EAS 501.117 - Sustainability and Development: Program Management (3CR)
EAS 555 - Climate and Development (3CR)
EAS 525 - Energy Justice (3CR)
EAS 639.024 - Global Environmental Change and Sustainable Food Systems (2CR)
EAS 630 - Preparing for International Fieldwork (1CR)
EAS 501.087 Technology and Community Sustainable Development (3CR)
EAS 501.002 - Proseminar in Africa Studies (3CR)
*(others approved by advisor)*

**S&D Analytics (recommended)**
Statistics: EAS 538 - Natural Resources Statistics (4CR)
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 501.015/019 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.