<table>
<thead>
<tr>
<th>Requirements</th>
<th>Notes</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
<tr>
<td><strong>EJ Core</strong></td>
<td>6 credit hours of Environmental Justice specialty courses</td>
<td>EAS 525 Energy Justice (F, Annual, 3CR)</td>
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<td>EAS 542 Conservation &amp; Dev (F, Annual, 3CR)</td>
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<td>EAS 566 Public Opinion &amp; Env (TBD, 3CR)</td>
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<td>EAS 593 Environ Justice (W, Annual, 3CR)</td>
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<td>EAS 501.089 Frontiers in EJ (W, Annual), 3CR</td>
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<td>EAS 577 Political Ecology (F, Annual), 3CR</td>
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<td>EAS 677.022 Econ and EJ (F, TBD, 1CR)</td>
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<td>EAS 501.001 EJ &amp; Flint Water Crisis (F20, 1.5CR)</td>
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<td>EAS 501.060 Indigenous Sust and EJ (3CR)</td>
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<td>EAS 501.060 Indigenous Peoples Rights &amp; EJ (3CR)</td>
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<td>EAS 677.089 Justice Agendas (F/W, 1.5CR)</td>
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<tr>
<td><strong>Distribution</strong></td>
<td>International</td>
<td>One course focused on International context of EJ</td>
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<tr>
<td><strong>SEAS Core</strong></td>
<td></td>
<td>EAS 509 (Natural Systems Core)</td>
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<td></td>
<td>EAS 510 (Social Systems Core) or a course from the Social Systems distribution list</td>
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<td>IAMS Requirement *</td>
<td>Two courses; 3CR minimum Please see page 3 for approved courses.</td>
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<tr>
<td><strong>Electives</strong></td>
<td>Electives</td>
<td>Must be a graduate level course at 400-level and above.</td>
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<tr>
<td><strong>Analytics</strong></td>
<td>Analytics</td>
<td>6 credits of analytics. One course must be EAS 538 or equivalent; the other must be from SEAS analytics list</td>
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<td><strong>Capstone or Non-capstone</strong></td>
<td>Capstone</td>
<td>Option 1: 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)</td>
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<td>Non-capstone</td>
<td>Option 2: Additional coursework. See advisor for non-capstone guidance</td>
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<td><strong>TOTALS</strong></td>
<td>TOTAL &quot;EAS&quot; CREDIT HOURS</td>
<td>Minimum 25 of 42 credit hours</td>
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<td></td>
<td>TOTAL CREDIT HOURS</td>
<td>Minimum 42 credit hours</td>
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*IAMS and Social Systems Distribution courses can double-count between Core courses but we do not double-count the actual credits.

Summary of Requirements for a Master of Science (MS) Degree Effective Fall 2022

Last Revised 07/07/2021
Any waiver or substitution of degree requirement must be approved by the appropriate faculty and submitted to OAP.

### Course List

#### International:

**SEAS**

EAS 555.001  Climate and Development (F) (Lemos)

EAS 563.001  International Environmental Policy (Agrawal) (W)

EAS 565.001  Principles for Transition (Princen) (F)

EAS 664.001  Food & Fuel: Research Questions at the Base of the Economy (Princen) (F)

EAS 573.001  Environmental Footprinting and Input-Output Analysis (Xu) (W)

EAS 577.001  Political Ecology I: Environmental Violence (Butt) (F)*

EAS 677.041  Climate Change Adaptation (Bierbaum) (F)

EAS 542.001  Conservation and Development (Butt) (F)*

EAS 501.162  Program Evaluation for SusDev (Jagger) (W)

EAS 501.089  Frontiers in Environmental Justice (Hardin)(W)*

EAS 501.060  Indigenous Peoples Rights and Environ Justice (Whyte) (W)*

EAS 501.060  Indigenous Sustainability and Environ Justice (Whyte) (F)*

*This course can count towards the EJ core or the International EJ requirement but not both.

**Public Health**

EPID 666  Health and Socioeconomic Development

HBEHED 516  Global Health: Anthropological Perspectives

**Public Policy**

PubPol 759  Genetics and Biotechnology Policy

**Urban Planning**

URP 570  Global and Comparative Planning

### Analytics:

Two analytic courses (6 credits). One must be statistics; the other course must be from the SEAS Analytics list.

### Electives:

Three or more credit hours, they must be from any U-M graduate courses offered at 400 level or above.

**Recommended Electives:**

**SEAS**

EAS 512  Strategies for Sustainable Development I

EAS 513  Strategies for Sustainable Development II

EAS 572/EHS 572  Environmental Impact Assessment

EAS 531  Principles of GIS

EAS 533  Negotiation Skills in Environmental Dispute Resolution

EAS 540  GIS and Natural Resource Applications

EAS 560/URP 544  Behavior and Environment

EAS 562  Environ Policy & Politics

EAS 687  Modeling for Landscape Planning

EAS 570  Env Econ: Quantitative Methods & Tools

**Law**

Law 805  Environmental Justice

Law 791  Environmental Crimes

**Political Science**

POLSCI 730/PUBPOL 730  Women and Employment Policy

HBEHED 623/SW 602  Racial/Ethnic Health Disparities

HBEHED 640  Community Organization for Health Education

HBEHED 690  Environmental Health Promotion
Summary of Requirements for a Master of Science (MS) Degree Effective Fall 2022

EHS 508 Principles of Risk Assessment.
EHS 574 Environmental Chemistry
EPI 705 Epidemiology in Public Health Policy
PubPol 736 Poverty and Inequality

Urban and Regional Planning
URP 521 Geographic Information Systems
URP 586/SW 654 Concepts and Techniques of Community Participation.
URP 583 Social Justice and the City

Research Methodology Courses
Soc 522 Qualitative Research Methods
Stat 403 Introduction to Quantitative Research Methods
PolSci 680 Problems in Behavioral Research Methods
HBEHED 733 Community-Based Participatory Research

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 between Core courses but we do not double-count the actual credits.

Procedure for Obtaining Course Waiver to Substitute for Environmental Justice Requirements
No substitutions will be allowed for environmental justice (EJ) core courses. Any student wishing to substitute a non-core course that is not on the list of courses already approved by the EJ faculty and SEAS (see pages 2-5) must follow these steps to seek approval:
1. Identify the course for which a waiver is sought.
2. Identify a graduate-level course to be substituted.
3. Contact your advisor to discuss the substitution and make a request for a waiver.
4. Provide your advisor and the EJ Field of Studies Specialization coordinator with:
a. A description of the course to be substituted
b. A syllabus of the course to be substituted.
5. The advisor will bring the matter to the attention of the EJ faculty at their FoS meeting (the EJ faculty meets roughly once per month).
6. The EJ Specialization faculty will vote on the substitution.
7. The advisor will inform the student of the outcome of the vote after the EJ FoS meeting.
8. If the waiver is approved, the student should complete the required OAP form, obtain the advisor’s signature then submit the form to OAP.

The Environmental Justice Advising Process
Each EJ student is expected to meet with their advisor at least once each semester to discuss their course of study and other curricular matters. At each appointment the student should bring:
1. A completed course of study plan (see page 1),
2. A list of courses selected for upcoming terms.
3. Waiver request information if one is being sought.

Each semester the EJ faculty will host a group advising session with EJ students before registration begins. In addition, each EJ student is expected to schedule individual advising sessions with their advisor. The most efficient ways of scheduling individual appointments is through (a) email, or (b) visit your advisor during regularly-scheduled office hours.