

Petition to Substitute or Waive SEAS Master of Science Degree Requirement  
(To petition a Rackham requirement, use Rackham Petition for Modification or Waiver of Regulation Form)

Name \_\_\_\_\_ Date \_\_\_\_\_

UM ID \_\_\_\_\_ Email \_\_\_\_\_

Specialization \_\_\_\_\_

I request permission to substitute  or waive  the requirement specified below.

*Required Course Information*

Type of Requirement:

Specialization Core  Analytics  IAMS  Electives (Specialization specific)

Required Course\* \_\_\_\_\_  
(For example: EAS 538, Sustainable Enterprise Course, Analytics Course)

*Substitution Course Information*

Course Number \_\_\_\_\_ Semester Course Taken \_\_\_\_\_  
(as appears on academic record)

Course Title \_\_\_\_\_

Course Instructor \_\_\_\_\_

\*SEE REVERSE SIDE FOR ADDITIONAL REQUIREMENTS\*

*Approvals*

Your current Faculty Advisor must approve this request:

Faculty Advisor Name \_\_\_\_\_

Faculty Advisor Signature or Email Approval \_\_\_\_\_ Date \_\_\_\_\_

Specialization Coordinator Name \_\_\_\_\_

Specialization Coordinator Signature or Email Approval \_\_\_\_\_ Date \_\_\_\_\_

\*For required course petitions, the required course instructor must approve this request:

Required Course Instructor's Name \_\_\_\_\_

Required Course Instructor's Signature or Email Approval \_\_\_\_\_ Date \_\_\_\_\_

Associate Dean Signature or Email Approval \_\_\_\_\_ Date \_\_\_\_\_

## Guidelines

- This form needs to be approved by your faculty advisor, specialization coordinator, and if applicable, the instructor of the required course before this can be submitted for final review/approval of the Associate Dean.
- Please attach a statement describing your reason(s) for requesting this action (include reason why taking a course from the approved course lists is not possible)
- There must be a very strong justification in order to gain approval, as the analytics, IAMS, and specialization core course lists are already extensive and offer many options.
- Lack of academic planning will not result in a routine approval.
- Current analytics, IAMS, and specialization lists should be used.
  - For specific course waivers/substitutions (e.g EAS 538, 531, or 570 etc) please ask the instructor of the course to review the syllabus/syllabi of previous course(s) to confirm they are equivalent to the relevant courses.
  - Objectives of the IAMS requirement: Integrative problem-solving, which involves the ability to bring together different bodies of knowledge and varying perspectives – as defined by disciplines, culture, and values – to inform or influence a management, policy or design decision.
    1. An understanding of challenges associated with integrative decision-making, including barriers due to different perspectives, language, culture, and ways of valuation, along with institutional dynamics that constrain effective decision making.
    2. An ability to use methods and tools that foster integrative choices. Among others, such tools include life-cycle analysis, risk management and assessment, integrative and environmental impact assessment, cost-benefit analysis, program evaluation, collaborative problem solving and negotiation, and effective communication.
    3. An understanding of the interconnections between natural and social systems.
- Work experience does not qualify for meeting the analytics or specialization requirements
- For substitution requests, the course for which approval is being requested must be:
  - graduate level
  - comparable to courses on the existing lists
- A copy of the syllabus of the course for which approval is being requested must be attached.