The professional master’s degree in Environmental Analysis teaches students rigorous methods that are needed by business and governmental organizations to deal with environmental issues. As an interdisciplinary program, the MS in Environmental Analysis degree aims to give students the ability to not only remediate and solve environmental problems, but also to predict possible environmental impacts to enable avoidance and mitigation of consequences. The Environmental Analysis curriculum not only emphasizes core quantitative topics such as statistics, remote sensing, data analysis, and modeling, but also expands students’ knowledge in environmental engineering and science, and broadens their understanding of management and business including communication and leadership training and the flexibility to tailor their interest area by taking electives in relevant fields.

The MS in Environmental Analysis (MSEA) degree is part of the professional science master’s (PSM) program at Rice housed in the Wiess School of Natural Sciences. These master’s degrees are designed for students seeking to gain further scientific core expertise coupled with enhanced management and communications skills. They instill a level of scholastic proficiency that exceeds that of the bachelor’s level, and create the cross-functional aptitudes needed in modern industry. Skills acquired in this program will allow students to move more easily into management careers in consulting or research and development, design, and marketing of new science-based products.

A coordinated MBA/MSEA degree is offered in conjunction with the Jesse H. Jones Graduate School of Business.

Environmental Analysis does not currently offer an academic program at the undergraduate level.

**Master’s Program**

- Master of Science in Environmental Analysis (MSEA) Degree (ga.rice.edu/programs-study/departments-programs/natural-sciences/environmental-analysis/environmental-analysis-msea)

**Coordinated Program**

- Master of Science in Environmental Analysis (MSEA) Degree / Master of Business Administration (MBA) Degree (ga.rice.edu/programs-study/departments-programs/natural-sciences/environmental-analysis/business-administration-mba-environmental-analysis-decision-making-msea)

**Director**

Evan Siemann

**Track Advising Committee**

Daniel S. Cohan  
Scott Egan  
Michael Kohn  
Loren Raun

**Professors**

Pedro J.J. Alvarez  
Andrew R. Barron  
Philip B. Bedient  
Janet Braam  
Evan Siemann

**Associate Professors**

Daniel S. Cohan  
Michael Kohn

**Assistant Professors**

Scott Egan

**Professor in the Practice**

James B. Blackburn  
Loren Raun

For Rice University degree-granting programs:  
To view the list of official course offerings, please see Rice’s Course Catalog (https://courses.rice.edu/admweb/!SWKSCAT.cat?p_action=cata)  
To view the most recent semester’s course schedule, please see Rice’s Course Schedule (https://courses.rice.edu/admweb/!SWKSCAT.cat)

**Description and Code Legend**

Note: Internally, the university uses the following descriptions, codes, and abbreviations for this academic program. The following is a quick reference:

**Course Catalog/Schedule**

- Course offerings/subject codes: Courses from various subjects may apply toward the graduate program.

**Department Description and Code**

- Biosciences: BIOS

**Graduate Degree Description and Code**

- Master of Science in Environmental Analysis: MSEA

**Graduate Degree Program Description and Code**

- Degree Program in Environmental Analysis: ENVA

**CIP Code and Description**

- ENVA Major/Program: CIP Code/Title: 03.0103 - Environmental Studies
Classification of Instructional Programs (CIP) 2010 Codes and Descriptions from the National Center for Education Statistics: https://nces.ed.gov/ipeds/cipcode/