

# UNIVERSITY FACULTY SENATE FORMS

## Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. A checklist is available to assist in the preparation of a proposal. For more information, call the Faculty Senate Office at 831-2921.

**Submitted by:** \_\_\_\_\_ Delphis Levia \_\_\_\_\_ phone  
number \_\_\_x3218\_\_\_\_\_

**Department:** \_\_\_\_\_ Geography \_\_\_\_\_ email  
address \_\_dlevia@udel.edu\_\_\_\_\_

**Date:** \_\_\_\_\_ 26 November 2013 \_\_\_\_\_

**Action:** \_\_\_\_\_ Request for permanent status \_\_Environmental  
Studies \_\_\_\_\_  
(Example: add major/minor/concentration, delete major/minor/concentration, revise  
major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

**Effective term** \_\_\_\_\_ 14S \_\_\_\_\_  
(use format 04F, 05W)

**Current degree** \_\_\_\_\_ BA \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed change leads to the degree of:**  
\_\_\_\_\_ N/A \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed name:** \_\_\_\_\_ N/A \_\_\_\_\_  
Proposed new name for revised or new major / minor / concentration / academic unit  
(if applicable)

### Revising or Deleting:

**Undergraduate major / Concentration:** \_\_\_\_\_  
N/A \_\_\_\_\_ (Example: Applied Music – Instrumental degree BMAS)

**Undergraduate minor:** \_\_\_\_\_  
N/A \_\_\_\_\_ (Example: African Studies, Business Administration, English, Leadership, etc.)

**Graduate Program Policy statement change:** \_\_\_\_\_  
N/A \_\_\_\_\_ (Must attach your Graduate Program Policy Statement)

**Graduate Program of Study:** \_\_\_\_\_  
N/A \_\_\_\_\_ (Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration: \_\_\_\_\_

N/A \_\_\_\_\_

**Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.**

**List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?**

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None") None.

**Supply support letter from the Library, Dean, and/or Department Chair if needed**  
(all new majors/minors will need a support letter from the appropriate administrator.)

Please see supplementary documentation per PSPR outline as recommended by Faculty Senate (Section G of Self Study Report).

**Supply a resolution for all new majors/programs; name changes of colleges, departments, degrees; transfer of departments from one college to another; creation of new departments; requests for permanent status. See example of resolutions.**

N/A

**Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: <http://www.ugs.udel.edu/gened/>**

Please see Section F.1c of PSPR Self Study Report per Faculty Senate PSPR outline.

**Identify other units affected by the proposed changes:**

(Attach permission from the affected units. If no other unit is affected, enter "None")

N/A

**Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

N/A

**Program Requirements:**

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.) See example of side by side.

N/A

**ROUTING AND AUTHORIZATION:** (Please do not remove supporting documentation.)

Department Chairperson Haley DeHedden Date 25 Nov 13

Dean of College Nancy M. Dayton Date 25 Nov 13

Chairperson, College Curriculum Committee Dorothy L. H. Date 25 Nov 13

Chairperson, Senate Com. on UG or GR Studies \_\_\_\_\_ Date \_\_\_\_\_

Chairperson, Senate Coordinating Com. \_\_\_\_\_ Date \_\_\_\_\_

Secretary, Faculty Senate \_\_\_\_\_ Date \_\_\_\_\_

Date of Senate Resolution \_\_\_\_\_ Date to be Effective \_\_\_\_\_

Registrar \_\_\_\_\_ Program Code \_\_\_\_\_ Date \_\_\_\_\_

Vice Provost for Academic Affairs & International Programs \_\_\_\_\_ Date \_\_\_\_\_

Provost \_\_\_\_\_ Date \_\_\_\_\_

Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_

Revised 02/09/2009 /khs

## **B. Copy of the Faculty Senate Resolution Granting Provisional Status**

Link to URL:

<http://www.facsen.udel.edu/sites/agendas/FACSENAGENDAApril20-2009.htm>

c. Recommendation from the Committee on Undergraduate Studies (John Madsen, Chair) with the concurrence of the Coordinating Committee on Education (Cihan Cobanoglu, Chair) and the Executive Committee (Amy Johnson, Chair) for the request to add a new major in Environmental Studies ([attachment](#)) ([attachment](#)) ([attachment](#))

**WHEREAS,** the University of Delaware currently offers a collaborative BS degree program in Environmental Science that is rigorous and well established; and

**WHEREAS,** part of the University of Delaware's Path to Prominence™ is focused on becoming a greener, more environmentally aware campus and on highlighting and enhancing opportunities for undergraduates to engage in environmental degree programs; and

**WHEREAS,** the proposed degree program extends UD's environmental options and reflects the fact that the Earth and its resources connect to all facets of human existence. Additionally, the proposed degree program enhances the opportunities for those students interested in studying the environment through the perspectives of policy, economics, and social science; and

**WHEREAS,** using a collaborative and distributed model, the degree programs utilizes the current strengths at the University of Delaware and gives students a broad-based, interdisciplinary introduction to environmental policies and issues; the common analytical tools needed to explore them in depth through their specific concentration areas; and the ability to integrate and synthesize information from a multidisciplinary perspective; and

**WHEREAS,** the Undergraduate Major in Environmental Studies provides students with a solid academic foundation and a complementary pathway for success for entrance into graduate programs or careers in the field it is incumbent upon the faculty of this program to provide high quality advisement on the concentrations within the major and to explore ways to integrate the educational opportunities available to students that are engaged in environmentally-oriented degrees; be it therefore

**RESOLVED,** that the Faculty Senate recommends approval provisionally, for five years, the establishment of a new major leading to the distributed BA degree in Environmental Studies.

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### Academic Program Approval

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**Submitted by:** \_\_\_\_\_ **Nancy Targett** \_\_\_\_\_ phone number **831-2841** \_\_\_\_\_

**Department:** \_\_\_\_\_ email address **ntargett@udel.edu**

**Action:** \_\_\_\_\_ **Add Major in Environmental Studies (and concentrations)** \_\_\_\_\_  
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

**Effective term** \_\_\_\_\_ **09F** \_\_\_\_\_  
(use format 04F, 05W)

**Current degree** \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed change leads to the degree of:** \_\_\_\_\_ **BA** \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed name:** \_\_\_\_\_ **Environmental Studies** \_\_\_\_\_  
Proposed new name for revised or new major / minor / concentration / academic unit  
(if applicable)

### Revising or Deleting:

**Undergraduate major / Concentration:** \_\_\_\_\_  
(Example: Applied Music – Instrumental degree BMAS)

**Undergraduate minor:** \_\_\_\_\_  
(Example: African Studies, Business Administration, English, Leadership, etc.)

**Graduate Program Policy statement change:** \_\_\_\_\_  
(**Must attach** your Graduate Program Policy Statement)

**Graduate Program of Study:** \_\_\_\_\_  
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

**Graduate minor / concentration:** \_\_\_\_\_

**Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.**

**List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?**

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

**ENSC 101 Introduction to the Environment** - This course provides students with a broad overview of the fields of environmental science and environmental studies. Students will be introduced to the spectrum of science and policy that is associated with environmental work and explore specific issues, perspectives, and approaches from these varied areas.

**ENSC 450: ProSeminar: The Environment**- Designed as a capstone, this course will engage students in an exploration and discussion of the history and state of environmental science and environmental studies and the connection to local, regional, national and global scale environmental issues. Students will develop and refine critical thinking skills and interdisciplinary problem-solving strategies. The course serves as a culminating experience for students on the "science-side" and the "studies-side", providing them with the opportunity to collaboratively solve problems and discuss current issues in the environmental literature.

**Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: <http://www.uqs.udel.edu/gened/>**

The Environmental Studies Curriculum supports the 10 goals of undergraduate education in the following ways:

1. Courses in the major require that students communicate effectively in verbal and written ways.
2. Students will need to use information technologies, use quantitative reasoning and critical thinking skills.
3. Students will be asked to integrate in-class learning in solving real life problems.
4. Students will understand the impact of humans on the environment and *vice versa* locally and globally.
5. Students will work and learn independently and collaboratively, integrating various concentrations, perspectives and diverse ways of thinking that underlie the search for knowledge in the arts, humanities, sciences and social sciences.
6. Students will explore environmentally related ethical questions and implications of individual and societal choices on individuals, communities, and the planet.
7. Students will develop intellectual curiosity, confidence, and understand the need for lifelong engagement in learning.
8. Students will develop an integrated, international perspective regarding countries, populations and the environment.
9. Students will integrate and demonstrate classroom skills and knowledge in at least one field related experience.

**Identify other units affected by the proposed changes:**

(Attach permission from the affected units. If no other unit is affected, enter "None")

College of Agriculture and Natural Resources  
College of Arts and Sciences  
Department of Biological Sciences  
Department of Chemistry/Biochemistry  
Department of Food and Resource Economics  
Department of Geological Sciences  
Department of Geography  
Department of Economics  
Department of Entomology and Wildlife Conservation

Environmental Studies Program  
Department of History  
College of Marine and Earth Studies  
Department of Philosophy  
Department of Plant and Soil Sciences  
Department of Political Science & International Relations  
Department of Sociology and Criminal Justice  
School of Urban Affairs and Public Policy

## **Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

As a part of its Path to Prominence™, the University of Delaware is focused on becoming a greener, more environmentally aware campus and on highlighting and enhancing opportunities for undergraduates to engage in environmental degree programs. Specifically the goals outlined in the P2P stated that UD would:

- Strive to make environmental awareness and stewardship an integral part of every student's educational experience.
- Develop environmental degree programs that promote cross-fertilization of science and policy.
- Define additional degree tracks and concentrations as well as opportunities for self-designed programs.
- Develop environmentally focused study abroad programs.
- Enhance UD's emphasis on interdisciplinary graduate programs.
- Cultivate opportunities for science and engineering to interact with emerging business, social, and cultural issues of an environmentally aware world.

A broad-based faculty committee was convened by the Provost and charged with developing recommendations for 1. how to better highlight breadth of current environmental offerings at UD and the faculty assets that support them and 2. enhancing environmental offerings at UD. This proposal addresses the second of the committee's charges.

Committee members include:

- Tracy Deliberty (Geography)
- Steve Dentel (Civil and Environmental Engineering)
- Jan Johnson (Political Science and International Relations)
- Murray Johnston (Chemistry and Biochemistry)
- John Madsen (Geological Sciences)
- Tom Sims (Plant and Soil Science)
- Nancy Targett (Chair of Committee, CMES)

Frank Newton, CMES Assistant Dean for Student Services staffed the committee.

The University of Delaware currently offers many environmentally-related degrees in a number of colleges including Agriculture and Natural Resources, Arts and Sciences, Engineering, and Marine and Earth Studies. In addition to these numerous degree offerings in environmentally-related areas, UD also offers an interdisciplinary Bachelor of Science degree in Environmental Sciences. This program is a collaborative effort involving the Department of Geography, the Department of Geological Sciences, the College of Marine and Earth Studies, and the Department of Biological Sciences. It is a BS degree program that is rigorous in both math and science. Majors choose one of four specialized foci: the atmospheric environment, the biological environment, the geological environment, or the marine environment. The *ad hoc* University environmental curriculum committee recognized the strengths of this interdisciplinary model and recommended that it be expanded with additional concentrations and also that the model be applied to a new BA degree program in Environmental Studies. An overview of the committee process and recommendations is attached (Attachment 1).

Nationally there are 652 institutions that award 804 undergraduate interdisciplinary environmental degrees (Vincent, personal communication). Of these, 373 (46%) are Environmental Science(s) programs, 255 (32%) are Environmental Studies, and 176 (22%) had other names such as environmental policy and management and water resources. Environmental Science programs on average graduate 26 students. Environmental Studies programs graduate, on average, more than twice that number (54).

In seeking to broaden the environmental degree options for undergraduate students at UD we propose, in addition to a modified BS in Environmental Science, a BA in Environmental Studies. This degree extends UD's environmental options and reflects the fact that the Earth and its resources connect to all facets of human existence. The proposed major and its concentrations would fill the current void that exists for those students

interested in studying the environment through the perspectives of policy, economics, and social science. It aligns with the goals of the UD strategic plan in 3 ways:

1. The degree connects science and society in the context of the environment. It is broadly interdisciplinary and integrated across academic units. It includes concentrations that would be housed in Agriculture and Natural Resources, Arts and Sciences, and Marine and Earth Studies.
2. It integrates natural science with social science and policy. This foundation helps students appreciate the interconnectedness between understanding natural science processes and their applications and the social, political, and institutional frameworks in which environmental issues are considered.
3. It connects students majoring in Environmental Science and Environmental Studies (see separate proposal for the modified/expanded BS in Environmental Science).

The goal is to give students in the program a broad-based, interdisciplinary introduction to environmental policies and issues; the common analytical tools needed to explore them in depth through their specific concentration areas; and the ability to integrate and synthesize information from a multidisciplinary perspective in oral and written format through a capstone course.

The introductory course (ENSC101 Introduction to the Environment Studies) and a capstone course (ENSC 450 Proseminar: The Environment) would be required for both the BS in Environmental Science and the proposed BA in Environmental Studies programs. One of the outcomes from such a requirement would be the exposure of students to a more integrated perspective toward the development of strategies, policies and approaches aimed at addressing complex environmental issues.

In this “distributed” degree program model, students can either:

1. Enter the program as an Environmental Studies major with a concentration already declared, OR
2. Enter the program as a general Environmental Studies major and select a specific concentration after taking some of the initial courses required for the major. Students **MUST** ultimately select a concentration.

Students’ “home” college will be located where their concentration originates. There are 4 studies concentrations situated as follows:

<b><u>Concentration</u></b>	<b><u>Home College</u></b>
International Environmental Politics and Policy	Arts & Sciences
Environmental Law, Policy and Politics	Arts & Sciences
Environmental Economics and Resource Policy	Agriculture and Natural Resources
Environment, Society and Sustainability	Marine & Earth Studies

Students will be assigned an advisor from their area of concentration. In those cases where the student has not yet selected a concentration, students will be assigned an academic advisor from one of the concentrations and that college will be afforded appropriate allocation of needed resources to manage that load. Until the student declares a major, the student's home will be in the Environmental Studies Program that resides in the Department of Geography.



Recognizing that this is a degree program that is distributed across the University, we recommend that a board, appointed by the Provost and composed of faculty from participating programs, provide oversight for curricular matters and student advisement within the program. The chair of the board should be designated by the Provost. Day-to-day operations will be administered by the faculty director of the Environmental Science/Studies Program who resides in the Department of Geography.

Upon completion of degree requirements, students will receive a Bachelor of Arts in Environmental Studies with a specific concentration. The degree will be from the college that is home to the student's concentration. A separate, multidisciplinary convocation will recognize Environmental Science and Environmental Studies degree recipients.

Once approved, the major can be publicized to incoming and returning students and implemented beginning in F'09. The program's success will be evaluated after 6 consecutive (regular academic) semesters.

This program can be implemented with current resources and the support assured by the President, Provost and Deans of the participating Colleges. As the program grows we anticipate that resources will be needed strengthen key areas, for example:

- Ensuring that SOCI 330 Population, Law and Society and SOCI 331 World Population: Profiles and Trends are offered on a regular basis.
- Additional faculty in the area of international environmental policy, particularly in relation to interaction between developed and developing nations, environmental policy issues in developing nations and international environmental law and organization.
- Faculty to assist in teaching GEOG 240 Environment and Behavior (since this course overlaps between geography, political science and psychology and could be cross listed as such, faculty could have backgrounds in any of these disciplines).
- Additional offerings in environmental philosophy and environmental ethics.

### **Program Requirements:**

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.)

**Bachelor of Arts in Environmental Studies (BA ENSC):** The BA in Environmental Studies and concentrations assist students in gaining a deeper understanding of and appreciation for the environment and environmental systems, the impact of humans on the environment and environmental impacts on humans, the importance of environmental understanding when making economic, political and other policy choices.

The BA in Environmental Studies program's foundation courses are in the social sciences, humanities, and natural sciences with a focus in understanding the environmental field. This, along with their specific concentration area, allows students in connecting science and society and balancing the needs of humans and other inhabitants with the needs to conserve the earth's precious resources while developing strategies, policies and approaches to solve environmental issues and reduce environmental impact.

#### **General and University Requirements:**

ENGL 110 Critical Reading & Writing (min grade C-)	3
First Year Experience (fulfilled by ENSC 101+ FYE seminar)	4
Discovery Learning Experience (fulfilled by field course)	3
Multicultural requirement	3
Second Writing Course (fulfilled by ENSC 450)	3
Foreign Language	0-8
Math requirement	0-4

#### **Program Breadth Requirements:**

*At least 2 different areas must be represented in each group.*

<b>Group A</b> Understanding and appreciation of the creative arts and humanities	9
<b>Group B</b> The study of culture and institutions over time	9

<b>Group C</b> Empirically based study of human beings and their environment.	9
<b>Group D</b> The study of natural phenomena through experiment or analysis	10

### Core Requirements:

ENSC 101 Introduction to the Environment	4
BISC 107 Elementary Evolutionary Ecology	3
CHEM 100 Chemistry and Human Environment	3
GEOL 105 Geological Hazards	3
GEOL 115 Geological Hazards Laboratory	1
FREC 100 Sustainable Development	3
ECON151 Introduction to Microeconomics <b>OR</b> FREC 150 Economics of Agriculture & Natural Resources	3
ECON/FREC 343 Environmental Economics	3
GEOG 235 Conservation of Natural Resources	3
GEOG 236 Conservation: Global Issues	3
MAST 200 The Oceans	3
POSC 240 Introduction to International Relations	3
POSC 350 Politics and the Environment	3
PHIL 448 Environmental Ethics	3
STAT 200 Basic Statistical Practice	3

### Field Experience: (3-6 cr)

An approved studies experience in which the student integrates the components of his or her concentration in an experiential learning environment. This requirement could be fulfilled by an internship, study abroad experience and/or a research experience.

### Studies Concentrations: (15-18 cr)

5-6 courses clustered in concentrations that are distributed throughout the colleges and across disciplines (see listings below).

### Capstone Course:

ENSC 450: Proseminar: The Environment 3

This capstone course serves to be a culminating experience and is to be completed during the last semester of the senior year. This course will engage students in an exploration and discussion of the history and state of environmental studies and its connection to local, regional, national and global scale environmental issues. Students will develop and refine critical thinking skills and interdisciplinary problem-solving strategies. It serves to be a culminating experience for students on the "science-side" and the "studies-side" to collaboratively solve problems and discuss issues in the current environmental literature.

Electives: After required courses are completed, sufficient credits must be taken to meet the total minimum credits required for the degree.

**Total Credits for Degree: 124**

**Concentration in International Environmental Politics and Policy** studies theories of international relations, international environmental treaties and agreements, and the international dimension of environmental policy issues.

- GEOG 422/622 Resources, Development, And The Environment  
OR
- POSC 408 International Organization
- *Four of the following:*
  - GEOG/POSC 329 International Migration
  - MAST 673 International Law (LEST 673, POSC 604)
  - POSC 362 Diplomacy
  - POSC 363 International Law And Organization
  - POSC 409 Contemporary Problems In World Politics (when topic is appropriate)
  - POSC 451 Problems In Policy & Administration (when topic is appropriate, e.g., Comparative Environmental Policy & Politics)
  - POSC 640 International Development Policy and Administration
  - SOCI 331 World Population: Profiles And Trends

**Concentration in Environmental Law, Policy and Politics** studies environmental movements and the development of institutional processes, policies and laws that impact environmental quality. It studies specific policy areas and the connection between environmental progress and economic development.

Student must select 5 courses from the following 2 groups:

- Two or three of the following:
  - FREC 450 Topics In Environmental Law
  - GEOG 240 Environment and Behavior
  - GEOG 449 Environment and Society
  - HIST 367 American Environmental History
  - MAST 692 Environmental Values, Movements And Policy
  - POSC 380 Introduction To Law
  - POSC 363 International Law And Organization
  - SOCI 330 Population, Law And Society
  - SOCI 470 Environmental Sociology

AND

- Two or three of the following:
  - ENWC 413 Wildlife Policy and Administration (requires ENWC 201)
  - FREC 406 Agriculture and Natural Resource Policy
  - FREC/UAPP 611 Regional Watershed Management
  - GEOG 320 Water and Society
  - GEOG/UAPP 428/628 Issues In Land Use And Environmental Planning
  - MAST 620/POSC/UAPP 424/624 Energy Policy And Administration
  - MAST 622/POSC/UAPP 626 Conservation And Renewable Energy Policy
  - MAST 670 United States Ocean And Coastal Policy
  - MAST 671 Coastal Processes And Management
  - POSC 451 Topics In Policy And Administration: Climate Change Policy
  - POSC 456/656 Disaster And Politics

**Concentration in Environmental Economics and Resource Policy** studies the theories and the economic effects of national or local environmental policies and management of natural resources (like land, water, soil, plants, and animals) to preserve them for future generations.

- Three of the following:
  - ECON 350 Energy Economics
  - FREC 406 Agriculture and Natural Resource Policy
  - FREC 424 Resource Economics
  - FREC 420 Agriculture in Economic Development
  - FREC 429 Community Economic Development
  - FREC 480 Geographic Information Systems

AND

- Two of the following:
  - ENWC 413 Wildlife Policy and Administration (requires ENWC 201)
  - FREC/UAPP 611 Regional Watershed Management
  - FREC/LEST 450 Topic in Environmental Law
  - GEOG 320 Water and Society
  - GEOG 422/622 Resources, Development, and The Environment
  - MAST 622/POSC/UAPP 626 Conservation and Renewable Energy Policy
  - POSC 424 Energy Policy and Administration
  - POSC 456/656 Disaster and Politics

**Concentration in Environment, Society and Sustainability** studies the integration of economic, social and environmental policy and decision making relating to the ability for society to live and function without depleting the Earth's resources and compromising the ability of future societies to meet their needs.

- GEOG 422/622 Resources, Development, and The Environment

• *Four of the following:*

- FREC 450 Topics In Environmental Law
- FREC 424 Resource Economics
- FREC 429 Community Economic Development
- GEOG 449 Environment and Society
- GEOG 320 Water and Society
- GEOG 345 Cultural Geography
- GEOG 372 Geographic Information Systems OR  
FREC 480 Geographic Information Systems
- HIST 367 American Environmental History
- MAST 622/POSC/UAPP 626 Conservation and Renewable Energy Policy
- MAST 692 Environmental Values, Movements and Policy
- PLSC 140 People and Plants: Feast or Famine
- POSC 456/656 Disaster and Politics
- POSC 640 International Development Policy and Administration
- SOCI 330 Population, Law and Society
- SOCI 331 World Population: Profiles and Trends
- SOCI 470 Environmental Sociology

**ROUTING AND AUTHORIZATION:** (Please do not remove supporting documentation.)

Department Chairperson Nancy M. Gasque Date 2-24-09

Dean of College Nancy M. Gasque Date 2-24-09

Chairperson, College Curriculum Committee C. E. Gifford Date 2-24-09

Chairperson, Senate Com. on UG or GR Studies \_\_\_\_\_ Date \_\_\_\_\_

Chairperson, Senate Coordinating Com. \_\_\_\_\_ Date \_\_\_\_\_

Secretary, Faculty Senate \_\_\_\_\_ Date \_\_\_\_\_

Date of Senate Resolution \_\_\_\_\_ Date to be Effective \_\_\_\_\_

Registrar \_\_\_\_\_ Program Code \_\_\_\_\_ Date \_\_\_\_\_

Vice Provost for Academic Affairs & International Programs \_\_\_\_\_ Date \_\_\_\_\_

Provost \_\_\_\_\_ Date \_\_\_\_\_

Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_

Revised 10/23/2007 /khs

# ATTACHMENT 1



## Report of the *ad hoc* Committee on UD Academic Environmental Programs

# UD's Strategic Plan: Integrate Environmental Programs within the Curriculum (*May 08, p. 16*)

- Strive to make environmental awareness and stewardship an integral part of every student's educational experience.
- Develop environmental degree programs that promote cross-fertilization of science and policy.
- Define additional degree tracks and concentrations as well as opportunities for self-designed programs.
- Develop environmentally focused study abroad programs.
- Enhance UD's emphasis on interdisciplinary graduate programs
- Cultivate opportunities for science and engineering to interact with emerging business, social, and cultural issues of an environmentally aware world.
  
- **Action Step**: A university-wide faculty committee is now developing proposals to strengthen environmental studies programs and curricula and to evaluate new environmental studies and environmental science degree options that can both build upon and extend beyond the University's current offerings.

# Committee

- **Tracy Deliberty (Geography)**
- **Steve Dentel (Civil and Environmental Engineering)**
- **Jan Johnson (Political Science)**
- **Murray Johnston (Chemistry and Biochemistry)**
- **John Madsen (Geological Sciences)**
- **Tom Sims (Plant and Soil Science)**
- **Nancy Targett (Chair of Committee, CMES)**
  
- **Frank Newton (CMES Assistant Dean for Students staffed the committee)**

# The Process

- **Provost convenes committee of Deans, Vice Provosts, and senior Professors to consider graduate and undergraduate programs related to the environment at UD. (Summer 07)**
  - Review of about 25 extramural programs to identify key components
  - Review CEDD study of environmental programs
- **Faculty Committee formed by Provost to consider undergraduate environmental programs at UD. (Spring 08)**
  - How to better highlight breadth of current environmental offerings at UD and the faculty assets that support them
  - Make recommendations for enhancing environmental offerings at UD



# Current UD Program Portfolio

- **FINDING:** UD has significant strengths in the environmental domain, including: B.S. degree, courses, research, outreach, and student activities. However, these strengths are not always easily identified by students or by others who are external to UD.

- **RECOMMENDATION:** Cluster current majors, minors, and concentrations that are related to environment under headers that are more easily recognized by students.
- **ACTION:** Committee developed a template that represents current major/minor and concentration options at UD. *(Handout)*
- **RECOMMENDATION:** Develop a display to promote UD's environmental options venues such as Discovery Days, Blue and Gold Days, and Parents' Weekend.
- **ACTION:** In consultation with UD PR, the committee develops a display that represents the diversity of environmentally related academic options at UD and a one page accompanying information sheet that identifies majors/minors/concentrations. *(Handout)*
- **RECOMMENDATION:** Develop a web portal that highlights the breadth of UD's environmental offerings and allows students to readily access info about environmentally related courses, research, outreach and student activities.
- **ACTION:** The committee is gathering information for a web portal that is underdevelopment by UD PR. The portal will link environmentally related academics, research, activities and practices at UD. *(Handout)*

## ARE YOU INTERESTED IN STUDYING THE ENVIRONMENT?

Well, you're in luck! In addition to the degree in **Environmental Science**, the University of Delaware offers the following environmentally focused majors (M), minors (m) and concentrations (conc) that undergraduate students can choose. There are also many environmentally focused courses across many interest areas. You can start right away to explore and better understand the environment and our connection to it!

<p><b><u>Environment and Earth</u></b></p> <ul style="list-style-type: none"> <li>• Coastal &amp; Marine Geoscience (conc/m)</li> <li>• Environmental Chemistry (conc)</li> <li>• Environmental Science (M)</li> <li>• Environmental Soil Science (M/m)</li> <li>• Geology (M/m)</li> <li>• Landscape Horticulture &amp; Design (M)</li> <li>• Marine Studies (m)</li> <li>• Paleobiology (Geological) (conc)</li> </ul>	<p><b><u>Environment and Policy</u></b></p> <ul style="list-style-type: none"> <li>• Natural Resource Management (M)</li> <li>• Wildlife Conservation (M/m)</li> <li>• Emergency &amp; Environmental Management (Sociology) (conc)</li> </ul> <p><b><u>Environment and Health</u></b></p> <ul style="list-style-type: none"> <li>• Biological Sciences (Environmental Science conc)</li> <li>• Pre-Veterinary Medicine &amp; Animal Biosciences (M)</li> <li>• Animal Science (m)</li> </ul>	<p><b><u>Environment and Education</u></b></p> <ul style="list-style-type: none"> <li>• Agricultural Education (M)</li> <li>• Biology Education (M)</li> <li>• Chemistry Education (M)</li> <li>• Earth Science Education (M)</li> <li>• Geography Education (M)</li> </ul>
<p><b><u>Environment and Society</u></b></p> <ul style="list-style-type: none"> <li>• Geography (M/m)</li> <li>• Emergency and Environmental Management (Sociology) (conc)</li> </ul>	<p><b><u>Environment and Living Things</u></b></p> <ul style="list-style-type: none"> <li>• Animal and Food Science (M/m)</li> <li>• Pre-Vet Medicine/Animal Biosci (M)</li> <li>• Environmental Chemistry (conc)</li> <li>• Entomology (M/m)</li> <li>• Landscape Horticulture &amp; Design (M)</li> <li>• Marine Studies (m)</li> <li>• Paleobiology (Geological) (conc)</li> <li>• Plant Protection (M)</li> <li>• Plant Science (M)</li> <li>• Wildlife Conservation (M/m)</li> </ul>	<p><b><u>Environment and Economics</u></b></p> <ul style="list-style-type: none"> <li>• Resource Economics (M/m)</li> <li>• (conc: Sustainable development; Environmental Econ)</li> <li>• Natural Resource Mgmt (M)</li> </ul>
<p><b><u>Environment and Energy</u></b></p> <ul style="list-style-type: none"> <li>• Sustainable Energy Technology (m)</li> </ul>		
<p><b><u>Environment and Technology</u></b></p> <ul style="list-style-type: none"> <li>• Engineering Technology (M/m)</li> <li>• Environmental Engineering (M/m)</li> <li>• Sustainable Energy Technology (m)</li> </ul>		

## YOU CAN BE GREEN WHEN YOU'RE OUT OF THE CLASSROOM TOO!

Being green at UD is not just an academic or intellectual activity...it's a way of life! Students from all majors, colleges and programs can get involved in clubs, organizations and activities that help the planet by informing the campus community and beyond about the ways individuals can be good stewards of the planet and its resources!

Some of the Student Environmental Clubs at UD include:

- *Students for the Environment (S4E)*
- *Ducks Unlimited (UDDU)*
- *Environmental Engineering Student Association*
- *The Outing Club*
- *Wildlife Conservation Club (WCC)*
- *Engineers Without Borders*
- *ECO-House Special Interest Housing group*
- *Geology Club*

# Current UD Program Portfolio

- **FINDING:** UD has significant strengths in the environmental domain, including: B.S. degree, courses, research, outreach, and student activities. However, these strengths are not always easily identified by students or by others who are external to UD.
  - **RECOMMENDATION:** Cluster current majors, minors, and concentrations that are related to environment under headers that are more easily recognized by students.
  - **ACTION:** Committee developed a template that represents current major/minor and concentration options at UD. (*Handout*)
- **RECOMMENDATION:** Develop a display to promote UD's environmental options venues such as Discovery Days, Blue and Gold Days, and Parents' Weekend.
- **ACTION:** In consultation with UD OCM, the committee develops a display that represents the diversity of environmentally related academic options at UD and a one page accompanying information sheet that identifies majors/minors/concentrations. (*Handout*)
- **RECOMMENDATION:** Develop a web portal that highlights the breadth of UD's environmental offerings and allows students to readily access info about environmentally related courses, research, outreach and student activities.
- **ACTION:** The committee is gathering information for a web portal that is underdevelopment by UD OCM. The portal will link environmentally related academics, research, activities and practices at UD.





# Go "green"!

## Study the environment at UD

Interested in an environmental career? You've come to the right place. The University of Delaware is a leader in environmental research, education, and policy.

Depending on your career interests, your path to discovery may take you to a nearby farm or the frozen ends of the Earth, a high-tech lab or a corporate boardroom, the coastal ocean or the halls of Congress.

UD students can pursue eco-focused studies in a wide array of areas:

- ◆ Biological Sciences
- ◆ Chemistry & Biochemistry
- ◆ Coastal & Marine Science
- ◆ Energy Technology & Policy
- ◆ Entomology
- ◆ Environmental Engineering
- ◆ Environmental Policy
- ◆ Environmental Science
- ◆ Geography
- ◆ Geology
- ◆ Natural Resource Management
- ◆ Plant & Soil Science
- ◆ Resource Economics
- ◆ Sustainable Apparel Business
- ◆ Sustainable Development
- ◆ Wildlife Conservation

Through the "Initiative for the Planet," UD is promoting resource stewardship and developing solutions to problems facing our world. Join us!

This zero-emission, fuel-cell bus operates on campus as part of a major UD energy research initiative.



Student members of the Wildlife Conservation Club plant trees on the UD farm.



The world is our environmental classroom! Through UD's award-winning study abroad program, students can visit sites like Mt. Fitz Roy in Argentina.

UD's top-notch facilities such as our 146-foot research vessel *Hugh R. Sharp* provide the latest technology for exploring the sea.



UD students involved in Engineers Without Borders are helping to bring clean drinking water to Bakang, a village in Cameroon.

Let the sun shine! A leader in solar energy research, UD is advancing the development of high-efficiency solar cells.



John Lane (left) and Frederick "Fritz" Nelson are members of the Intergovernmental Panel on Climate Change, which won the 2007 Nobel Prize for Peace.





# Current UD Program Portfolio

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# environmental portal

PARTNERSHIP ACADEMICS RESEARCH CLUBS INITIATIVES EVENTS

**ECO TIP:**  
 Turn off your computer  
 and monitor when not in use.

## Welcome

The University of Delaware's Environmental Portal is a central place for future and current students, faculty, staff and the public to connect to the many environmentally focused programs the university has to offer.

Here you will find connections to our top-notch academic programs for undergraduate and graduate students. You can also connect to environmental student clubs and organizations. If you are interested in the kinds of research taking place at UD, be sure to browse our Research and Centers pages. If you have questions or want additional information about what you discover here, click here to contact us.



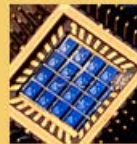
Plants grow in virtually every habitat on Earth, producing oxygen and helping to sustain life.  
[Learn more>>](#)



UD is advancing solar energy research.

## Enviro News

September 15, 2008



**Scientists are pioneering a new age of discovery**

Electrical engineers from UD and Cambridge NanoTech have demonstrated for the first time how the spin proper of electrons in silicon-can be measured and controlled.  
[Read More>>](#)

UD's Kempton a featured speaker at Offshore Wind Power workshop

## UD INITIATIVES



recycling



## GET CONNECTED

SEE WHAT WE'VE BEEN UP TO LATELY



## COMMITMENT

COMMITMENT TO CLEAN, MORE CLEAN, MORE GREEN



This environmental portal is an eco-partnership by the following UD Colleges

- ▶ Agriculture & Natural Resources
- ▶ Arts & Sciences
- ▶ Environmental & Planning
- ▶ Marine & Earth Studies

**DRAFT Splash Page for UD Environmental Web Portal**

# The Academic Curriculum

- **FINDING:** B.S. in Environmental Science is strong but could be enhanced by including more options that facilitate broader participation from across the University.
- **FINDING:** Lack of Environmental Studies option is a weakness.
  - **RECOMMENDATION:** Develop Environmental Studies option to complement Environmental Science option.
  - **ACTION:** Committee develops a proposal for a B.A. in Environmental Studies.
  - **RECOMMENDATION:** Broaden and integrate curriculum for both Environmental Science and Studies Options.
  - **ACTION:** The committee develops a proposal to modify and broaden the B.S. in Environmental Science curriculum and integrates it with the proposed Environmental Studies curriculum.

# *Highlights*

- **B.S. Environmental Science** (124 credits)
  - GOAL: No compromise in quantitative aspects of the curriculum
- **B.A. Environmental Studies** (124 credits)
  - GOAL: Not just a science-lite curriculum but one focused on environmental policy and economics
- **Some Common Elements:** Introductory course, Capstone course
- **Additional Areas of Concentration**
- **Field Requirement for Both Degrees**
- **Clearer Path** for students who desire a **Double Major**



# Complementary External Activities

- **Finding:** UD has recently established its presence in national and international University-based environmental initiatives (AUPCC, AULSF, CEDD).
- **Recommendation:** Further enhance our status by taking a leadership role in the Salzburg Academy on Sustainable Futures, a project currently under development by the Salzburg Global Seminar Series.
  - Annual 2-3 week international program
  - Involves students, faculty, and administrators from universities across the world
  - Join effort to
    - Develop new interdisciplinary curricula and new energy conservation projects
    - Explore and improve the role of universities as sites for the advancement of comprehensive sustainability education and practice




OFFICE OF THE DEAN

113 Townsend Hall  
University of Delaware  
Newark, Delaware 19716-2103  
Ph: 302/831-2501  
Fax: 302/831-6758

February 17, 2009

**MEMORANDUM**

To: Nancy Targett  
Dean, College of Marine and Earth Studies  
Chair, UD Undergraduate Environmental Studies Program and Curriculum Committee

From: Robin Morgan   
Dean, College of Agriculture and Natural Resources

Re: Letter of Support for Proposed Environmental Science and Environmental Studies Degrees

On behalf of the College of Agriculture and Natural Resources, I write to express our college's support for your proposed new BA in Environmental Studies and recommended revisions to the existing BS in Environmental Science degree. The University of Delaware's continued focus on environmental issues and the distributed nature of these degrees are of benefit to the University and our students, and I believe these proposed changes will be of long-term value to our college.

I understand that primary support for these proposed changes will come from four departments in our college (Bioresources Engineering, Entomology and Wildlife Ecology, Food and Resource Economics, and Plant and Soil Sciences) and that you will be requesting letters of support from each department. To the extent possible, I will work with these departments to ensure that they have the resources needed to make these proposed changes succeed in the future.

Therefore, we offer our college's support of these proposed programs and are willing to have our courses included as outlined in the main core and concentrations, within the limits of the resources we have available to support new initiatives in undergraduate education at the University.

We wish you the best of luck with these new and newly enhanced programs.

**Letters/Messages of Support**

**Department of Chemistry**

From: Klaus Theopold [mailto:theopold@UDel.Edu]  
Sent: Friday, February 13, 2009 5:30 PM  
To: fanewt@UDel.Edu  
Cc: Murray Johnston; ntargett; John Burmeister  
Subject: Re: Environmental Science and Studies Proposals

Dear Frank,

I am responding to Dean Targett's message quoted below. The Department of Chemistry and Biochemistry is of course very much supportive of any efforts to address environmental concerns and curricula addressing these issues.

We take note of the proposed degree programs (BS in Environmental Science and BA in Environmental Studies), and we strongly feel that the only way we might have been less than enthusiastic would be if they did not require some exposure to chemistry. I believe that the inclusion of CHEM 100 for the BA and CHEM 103/104 for the BS is very much appropriate. Thus we wholeheartedly support the establishment of these degree programs.

While it may not be entirely germane to your purpose, I must add the caution that the addition of large numbers of students to either CHEM 100 or CHEM 103/104 may cause capacity problems on our end. Thus I wish to state that we may have to request additional resources from the University to accommodate the new customers. However, that does not detract from the obvious merit of your proposal.

Klaus Theopold

Regards,

~~~~~  
Klaus H. Theopold, Professor and Chair  
Department of Chemistry and Biochemistry,  
University of Delaware, Newark, DE 19716, USA.  
Phone: (302)831-1546 (or 1247); Fax: (302)831-6335  
<http://www.udel.edu/theopold/index.html>

## College of Marine and Earth Studies

From: Charles E. Epifanio  
Sent: Saturday, February 14, 2009 10:30 AM  
To: Nancy Targett  
Subject: Environmental Curricula

Dear Nancy,

Thank you for sending detailed information concerning the proposed BS in Environmental Science and the proposed BA in Environmental Studies.

Core requirements for the BS ENSC include MAST 482 Introduction to Ocean Science. The subject matter and depth-of-presentation of this course are appropriate for students matriculated in the BS program. MAST 482 is offered once a year and has a typical class size ~15. The CMES has sufficient resources to accommodate increased enrollment in this course.

Core requirements for the BA ENSC include MAST 200 The Oceans. The subject matter and depth-of-presentation of this course are appropriate for students matriculated in the BA program. MAST 200 is offered once a year and has a typical class size ~100. The CMES has sufficient resources to handle increased enrollment in this course.

By my count, an additional 11 MAST courses are part of the curricula in the various concentrations in the BS program, and another five MAST courses are part of the curricula in the different concentrations in the BA program. The CMES has sufficient resources to accommodate increased enrollment in these courses.

On behalf of the non-departmental academic programs in the CMES, I am happy to support the proposed BS ENSC and BA ENSC.

Best regards,

Chuck

Charles E. Epifanio  
Associate Dean  
Harrington Professor of Marine Studies  
College of Marine and Earth Studies  
University of Delaware  
Lewes, DE 19958  
302-645-4263 (Office)  
302-645-4213 (FAX)  
<http://www.ocean.udel.edu/cms/cepifanio/index.html>

## Department of Economics

**From:** Hoffman, Saul [mailto:hoffmans@lerner.udel.edu]  
**Sent:** Tuesday, February 17, 2009 3:25 PM  
**To:** Nancy Targett  
**Subject:** RE: Environmental Studies Proposal

Nancy:

On behalf of the Economics Department, I support the inclusion of ECON151 in the Environmental Studies major.

ECON/FREC343 is owned by FREC; we are the cross-list. I want to point out that ECON151 is a pre-requisite for that course.

Saul D. Hoffman  
Professor and Chair, Department of Economics  
University of Delaware  
Newark, DE 19716

302-831-1907  
302-831-6968 (Fax)

## College of Arts and Sciences

**From:** Apple, Tom [mailto:tapple@art-sci.udel.edu]  
**Sent:** Tuesday, February 17, 2009 6:40 PM  
**To:** Targett  
**Cc:** Watson, George H.  
**Subject:**

Nancy,

I support both the modified BS in Environmental Sciences and the proposed BA in Environmental Studies. The College will do all it can to make sure that the necessary courses to support these programs are offered in a timely manner.

Best regards,

Tom

Tom Apple, PhD  
Dean of Arts & Sciences  
Professor of Chemistry  
University of Delaware  
4 Kent Way  
Newark, DE 19716  
(302) 831-2793 - ph  
(302) 831-6398 - FAX

## Legal Studies Program

**From:** Pollack, Sheldon [mailto:pollacks@lerner.udel.edu]  
**Sent:** Wednesday, February 18, 2009 11:31 AM  
**To:** Nancy Targett  
**Subject:** RE: Environmental Studies curriculum

Nancy:

I give my support to have the course LEST673 included in the proposed curriculum. The course really belongs to MAST and POSC -- we only cross-list it. But regardless, I support the inclusion of the course in the BA in Environmental Studies degree program.

Regards,  
Sheldon Pollack

---

Sheldon D. Pollack  
Professor of Law & Legal Studies  
Director, Legal Studies Program  
Lerner College of Business & Economics  
University of Delaware  
Newark, DE 19716

(610) 660-0697 home  
(302) 831-1803 office  
(610) 642-7009 fax  
e-mail: [pollack@udel.edu](mailto:pollack@udel.edu)

## Department of History

**From:** John Hurt [mailto:hurt@UDel.Edu]  
**Sent:** Wednesday, February 18, 2009 11:34 AM  
**To:** Nancy Targett  
**Subject:** Re: proposed BA in Environmental Studies

Dear Nancy,

The short answer is yes, of course. But I'll get back to you with something of a more substantive response. We are adding some environmental history to our curriculum, so we may have another course to put on your table.

Best wishes, John Hurt.

## Department of Sociology and Criminal Justice

**From:** Ronet Bachman [mailto:ronet@UDel.Edu]  
**Sent:** Wednesday, February 18, 2009 1:41 PM  
**To:** Nancy Targett  
**Subject:** Re: Proposed Environmental Studies Curriculum

Nancy: I support your proposal. This looks like an exciting and timely endeavor and the Department of Sociology and Criminal Justice welcomes the opportunity to be a part of it. Ronet

## Department of Philosophy

From: schueler@UDe1.Edu [mailto:schueler@UDe1.Edu]  
Sent: Thursday, February 19, 2009 11:40 AM  
To: Nancy Targett  
Cc: schueler@UDe1.Edu  
Subject: Re: Proposed Environmental Studies Curriculum

Dear Dean Targett,

Thanks for your email on the proposed Environmental Studies Curriculum. On the two courses you list:

Phil 340 (Cross Cultural Environmental Ethics) - This course was evidently established several years ago by a philosophy professor who has now retired. It has not been offered since his retirement and since it is not an essential part of our major and no current member of the Philosophy Department is interested in offering it, it is not likely to be offered in the future.

Phil 448 (Environmental Ethics) - This course is currently being offered by Professor Tom Powers and should be offered fairly regularly in the future if possible. The only caveat is that the Philosophy Department is currently so understaffed that we are fairly hard pressed simply to offer the courses required for our major. Phil 448 could therefore very well end up getting 'bumped' from our offerings in some semesters.

So, to reply to your request: The Philosophy Department has no objection to the inclusion of Phil 448 in the proposed Environmental Studies Curriculum but we do not support the inclusion of Phil 340 in this Curriculum.

Best wishes,

Fred Schueler  
Chair, Philosophy Department

G. F. Schueler  
schueler@udel.edu  
<http://udel.edu/~schueler/>

## Department of Geological Sciences



COLLEGE OF MARINE AND EARTH STUDIES

DEPARTMENT OF  
GEOLOGICAL SCIENCES

101 Penny Hall  
University of Delaware  
Newark, Delaware 19716-2544  
Ph: 302/831-2569  
Fax: 302/831-4158  
<http://www.geosci.udel.edu>

Dear Dean Targett,

With an appreciation for the hard work and creative effort of the committee, the faculty of the Department of Geological Sciences support the proposed revision and expansion of the Environmental Science degree program and the formation of a new Environmental Studies degree program. The Earth's environmental systems are complex, and an understanding of these systems and the feedback between human activity and the environment requires a broad-based multidisciplinary approach. These new programs will better highlight the considerable existing environmental offerings at the university and expand the options available to students, while providing a clear curricular path for students interested in environmental problems. We look forward to working with our colleagues across campus to effectively educate students about the Earth's natural environment and how it changes over time.

Our support for this new initiative assumes that adequate resources and personnel will be made available to support the anticipated interest in these degrees and the growth in the courses and departments associated with them. Since much of the curriculum will be based on people-intensive discovery learning in the form of labs, field work, group projects, and problem-solving, there will need to be sufficient professors, teaching assistants, and staff to make it work.

The Geological Sciences faculty are particularly interested in making sure that all ENSC students develop an understanding of not just Earth's existing natural environments but also the processes that have created Earth's surface environments over time. Environmental processes and rates of change vary with time and space, and the records of these processes provide an important perspective on current natural and anthropogenic changes. We expect multiple opportunities to provide this geologic perspective within the proposed curriculum, at the introductory level of the core requirements, as well as within the field experience and capstone proseminar courses. We also anticipate designing a new upper-level course with a focus on these topics that we will propose be added to the ENSC core curriculum.

We are excited about the opportunity to participate in these new degree programs and to actively contribute to their evolution over the next few years.

Sincerely,

Sue McGeary (on behalf of the Geological Sciences faculty)  
Chair and Associate Professor  
19 February 2009



## Department of Political Science and International Relations

**From:** Julio F. Carrion [mailto:jcarrion@UDel.Edu]  
**Sent:** Tuesday, February 24, 2009 12:46 PM  
**To:** Nancy Targett  
**Subject:** RE: Environmental Studies/Science Curricular Proposals

Dear Nancy,

I wanted to let you know that we'll be happy to support the proposal. Please let me know what I can do to move this forward

Julio

---

Julio F. Carrión  
Associate Professor and Acting Chair  
Political Science and International Relations,  
Director, Latin American Studies  
Phone: (302)831-2355  
Fax: (302)831-4452

## Department of Plant and Soil Sciences

**From:** Blake Meyers [meyers@dbi.udel.edu]  
**Sent:** Tuesday, February 24, 2009 4:20 PM  
**To:** Nancy Targett  
**Cc:** Nancy Targett; 'Sims, Tom'; 'fanewt@udel.edu'; Charlotte McDermitt  
**Subject:** Re: Request for Support for Environmental Curricula at UD

Nancy,  
I discussed this with Tom last week and I think it sounds like a good program. I do support it, and I hope that it will attract more students to our courses and draw more students into our regular majors as well.

best,  
Blake

---

Blake C. Meyers, Ph.D.  
Associate Professor  
and Interim Department Chair  
Dept. of Plant & Soil Sciences  
University of Delaware

Delaware Biotechnology Institute  
15 Innovation Way, Room 230  
Newark, DE 19711

Telephone: (302) 831-3418  
Email: [meyers@dbi.udel.edu](mailto:meyers@dbi.udel.edu)

DEPARTMENT OF FOOD  
AND RESOURCE ECONOMICS

Thomas W. Ilvento  
213 Townsend Hall  
University of Delaware  
Newark, DE 19716-2130  
Ph: 302-831-6773  
Fax: 302-831-6243  
Ilvento@udel.edu

February 24, 2009

## MEMORANDUM

To: Nancy Targett  
Dean, College of Marine and Earth Studies  
Chair, UD Undergraduate Environmental Studies Program and Curriculum Committee

From: Thomas W. Ilvento  
Chair, Department of Food and Resource Economics



Re: Letter of Support for Proposed Environmental Science and Environmental Studies Degrees

On behalf of the Department of Food and Resource Economics Department, I am writing to express our department's support for your proposed new BA in Environmental Studies and recommended revisions to the existing BS in Environmental Science degree. While we are concerned about the impact the new Environmental Studies major will have on our two existing environmental majors, Resource Economics and Natural Resource Management, in the end we welcome the shared goals of expanding awareness and opportunities for the environment at the University of Delaware. We look forward to working with you on promoting all the environmental majors on campus. We believe the University of Delaware's continued focus on environmental issues and the distributed nature of these degrees are of benefit to the University and our students, and we believe these proposed changes will be of long-term value to our majors, college and university.

Our department will support the demand of Environmental Science and Environmental Studies students for our courses (primarily FREC 100, FREC 150, FREC/ECON 343, and STAT 200) and we will make sure these students have access to these courses. We already offer, or will offer by Fall 2009, all these courses in both semesters and are prepared to provide extra offerings or increase the size of these classes as demand warrant. We also are prepared to advise our share of incoming students into these majors and in particular support the Environmental Economics and Policy concentration in the Environmental Studies major.

We wish you the best of luck with these new and newly enhanced programs.

## Letters/Messages of Support

### Department of Bioresources Engineering

From: William Ritter [<mailto:writter@UDel.Edu>]  
Sent: Friday, February 27, 2009 10:50 AM  
To: Nancy Targett  
Subject: Re:

Nancy

The Bioresources Engineering Department is happy to allow Environmental Science majors to enroll in the BREG courses listed for the various concentrations.

Bill Ritter

William F. Ritter  
Bioresources Engineering Department  
University of Delaware  
Newark, DE. 19716  
TEL:302-831-2468  
FAX:302-831-2469  
E-Mail:writter@udel.edu

### Department of Mechanical Engineering

From: Karlsson, Anette M. [[karlsson@udel.edu](mailto:karlsson@udel.edu)]  
Sent: Thursday, February 26, 2009 12:11 PM  
To: 'Steve Dentel'; Nancy Targett  
Cc: Nancy Targett; '[fanewt@udel.edu](mailto:fanewt@udel.edu)'  
Subject: RE: Proposed revisions to Environmental Science degree

You may include the listed courses in the proposed degree, since they are listed as optional. However, we do not guarantee that the 400-level courses are taught every year.

Sincerely,

Anette Karlsson

---

Anette M. Karlsson, Ph.D.  
Associate Professor & Interim Chair  
Department of Mechanical Engineering  
University of Delaware  
Newark, DE 19716-3140

karlsson@udel.edu tel: 302.831.2423 fax: 302.831.3619 <http://www.me.udel.edu/karlsson/>

February 25, 2009

MEMORANDUM

To: Nancy Targett  
Dean, College of Marine and Earth Studies  
Chair, UD Undergraduate Environmental Studies Program and Curriculum Committee

From: Judy Hough-Goldstein   
Acting Chair, Department of Entomology and Wildlife Ecology

Re.: Letter of Support for Proposed Environmental Science and Environmental Studies  
Degrees

On behalf of the Department of Entomology and Wildlife Ecology, I am writing to express our department's support for the proposed new BA in Environmental Studies and the revised BS in Environmental Science degrees. The major impact of these new majors on our department will be a potentially large increase in numbers of students in our classes, especially ENWC 201, Wildlife Conservation and Ecology, which is a core requirement for the Environmental Science major. ENWC 205, Elements of Entomology and ENWC 325, Wildlife Management, may also see significant increases, since they will be required for the Concentration in Ecology and Organismal Biology. In addition, our laboratory-based courses, which are listed as options in the concentration, are already typically filled with our current majors and minors. That said, we are working on a plan with Dean Morgan to significantly increase our teaching capabilities by adding two non-tenure track faculty lines in the near future. These lines, defined primarily or exclusively as teaching lines, will make it possible for us to support this potentially very attractive new major and concentration.



DEPARTMENT OF GEOGRAPHY

University of Delaware  
Newark, Delaware 19716-2541  
Ph: 302/831-2294/2295  
Fax: 302/831-6654

24 February 2009

MEMO TO: Nancy Targett, Dean  
College of Marine and Earth Studies

MEMO FROM: Brian Hanson, Chair  
Department of Geography

SUBJECT: Undergraduate Environmental Curriculum Committee

The Department of Geography faculty has carefully considered the revision of the Environmental Sciences major and the proposed Environmental Studies major. The faculty enthusiastically endorse both proposals, seeing these programs as integral to the focus of the undergraduate program in the new college as well as central to the discipline of geography with its emphasis on the physical, human and cultural processes that shape our world. As you know, the Environmental Science program was originated in the Department of Geography and has been successfully administered by the department faculty. Given the faculty's many links to other participating disciplines, we believe the department is well-positioned to continue administration of the revised Environmental Science major as well as the new Environmental Studies program.

In endorsing these proposals, the faculty are also mindful of the additional resources required to administer and participate in these programs, given their expected success in attracting larger number of students. We anticipate the need to add new courses to fully contribute to the new curricula as well as open our existing classes to larger enrollments. Some of the courses required in this program cannot expand their size without larger instructional computing facilities or their frequency without additional faculty and teaching assistant support. Our existing obligations to our successful graduate program, the honors program, the GIS community, and the present needs of students in several majors already place significant strain on the small size of our faculty. Our enthusiasm for the new environmental programs is thus tempered with the realization that their hopeful success and growth will place significant strains on our ability to serve both our present constituencies as well as these new programs without additional faculty lines.

In summary, the faculty stand ready to play a major role in this new academic enterprise which will not only be a centerpiece of the new college but will also further strengthen geography that is by its nature a discipline principally engaged in the relations of human culture and the physical environment.

Amy,  
A signed, hard copy of the memo below is being sent to you today.  
Thanks,  
Dan

**TO:** Amy Johnson  
President, Faculty Senate

**FROM:** Dan Rich  
Provost

**DATE:** March 3, 2009

**SUBJECT:** New Environmentally-Related Degree Options at UD.

I strongly support the proposals recently submitted for enhancing environmentally-related undergraduate degree options. As I discussed at the special meeting with the University Faculty Senate committees on February 19<sup>th</sup>, these proposals are the direct product of initiatives undertaken with my full support and encouragement to fulfill the priorities of the University's strategic plan.

The proposals complement one another and should be considered as mutually reinforcing; together, they provide our undergraduate students with a much stronger set of educational programs in the domains of environmental science, environmental studies, and energy and environmental policy.

I call upon my colleagues in the Senate to expedite the review of these programs so that implementation may begin in the next academic year, 2009-2010. In this context, I affirm the commitment of the sponsoring deans that the resources needed to undertake these programs as proposed are available and will be provided. In addition, using support from the Unidel Foundation to support interdisciplinary education, the provost's office will provide start-up support of \$50,000 for the environmental science and environmental studies programs, and \$50,000 for the energy and environmental policy program.

Below I have provided additional background on these proposals. I will be pleased to provide any additional information that will assist my Senate colleagues in their review of these proposals.

#### *The Context*

In 2007 I convened a committee of senior faculty and administrators to consider the visibility and breadth of our environmental assets at UD. They determined that these assets are strong and distributed broadly across multiple units. However, they noted that, as a result of this broad distribution, UD's environmentally related academic and research assets are often not readily evident to our prospective students, our incoming students, and sometimes even our matriculated students. In 2008, I charged an ad hoc faculty committee chaired by Dean Nancy Targett with the task of making specific recommendations for how we might better highlight and enhance our environmental offerings. They made a series of recommendations:

- Develop an integrated and cohesive marketing plan for the environmental options at UD. This included:
  - An 8' x 10' display that highlights the breadth of UD's environmental offerings.
  - A different presentation format (hard copy and web-based) for the degree options; one that clusters them according to broad interest areas so that students can more easily find them rather than having to know a priori what unit-specific areas to search in.

- An environmental web portal for quicker and easier access to UD's environmental research, degree programs, student activities/clubs, and other initiatives.
- Broaden and expand the major in Environmental Science.
- Develop a new BA degree program in Environmental Studies.

At the same time, I encouraged a multidisciplinary group of faculty led by Professor John Byrne to explore potential for an undergraduate program in energy and environmental policy. Their work resulted in a proposed major by the same name.

Each of these initiatives strengthens the options available to UD undergraduates who are interested in pursuing a degree in the environmental arena. In addition to providing our undergraduates with broader options, the initiatives further support the University's strategic priorities, engage faculty from across many colleges and departments, and represent strong models of interdisciplinary education that integrate the perspectives of science and policy.

#### *The Implementation*

To assure that such degree programs remain integrated and dynamic there needs to be a mechanism by which recommendations for the addition/subtraction of courses and concentrations can be considered from multidisciplinary perspective. Therefore, upon approval of these degree options, I will form a faculty Council, comprised of program participants from these and other environmental degree programs across the campus. The Council will be charged with coordination of efforts among environmental program, ensuring that programs are mutually reinforcing, non-duplicative, fully support of student learning needs and objectives, and systematically aligned with the interdisciplinary goals upon which they were predicated.

Day to day operation of programs will reside with a faculty director; Tracy Deliberty in the case of the BS in Environmental Science and the BA in Environmental Studies and a faculty member to be designated director of the BS in Energy and Environmental Policy. Both Program Directors will be *ad hoc* members of the Council.

Student advisement, even for those who have not yet declared a concentration within the environmental major or selected among environmental programs, will be shared among the participating faculty with home units receiving appropriate resources and time credit.

#### *The Resources*

The Deans in each of the participating colleges have committed to providing the resources needed for the initiation of these programs. They confirm that such resources are available and will be allocated in support of the programs. As noted earlier, I further commit the provost's office to provide assistance with initial start-up grants for each of the programs. As these programs grow, additional resources will be needed. Some of those additional resources will be provided by the sponsoring colleges and the deans of those colleges have affirms such a commitment. In addition, the colleges and the University are committed to raising external funds to support these programs; this is a University priority. This includes raising funds for additional faculty positions in these areas as well as support for scholarship for students.

Cc.

Dean Nancy Targett  
Dean Michael Gamel-McCormick  
Vice Provost Havidan Rodriguez  
Professor John Byrne  
Professor John Madsen



Dan Rich  
Provost  
University of Delaware  
Newark, Delaware 19716  
(302) 831-2101

## **PSPR Self Study Report**

### **Environmental Studies, B.A.**

- D. Graduate program policy document\*. Not applicable.
- E. Assessment of library resources available to support the graduate program as provided by the UD Library (requests must reach the library at least one month before the self-study report is due)\*. Not applicable.
- F. Self Study Report [**Please note:** Answers to the following questions have been cut and paste from the original approval submission materials where appropriate].
1. General information about the program:

- a. Brief introduction and history of the program - include dates.

The B.A. in Environmental Studies began in Fall 2009 in response to the Path to Prominence™ goals to engage undergraduates in environmental education.

- b. Explain how the program is compatible with the academic priorities of the University.

As a part of its Path to Prominence™, the University of Delaware is focused on becoming a greener, more environmentally aware campus and on highlighting and enhancing opportunities for undergraduates to engage in environmental degree programs. Specifically the goals outlined in the P2P stated that UD would:

- Strive to make environmental awareness and stewardship an integral part of every student's educational experience.
- Develop environmental degree programs that promote cross-fertilization of science and policy.
- Define additional degree tracks and concentrations as well as opportunities for self-designed programs.
- Develop environmentally focused study abroad programs.
- Enhance UD's emphasis on interdisciplinary graduate programs.
- Cultivate opportunities for science and engineering to interact with emerging business, social, and cultural issues of an environmentally aware world.

- c. Explain how the program will help students meet the general education requirements of the University, specifically the ten (10) general education goals for undergraduate education (please note that this section applies only to undergraduate programs).

The Environmental Studies Curriculum supports the 10 goals of undergraduate education in the following ways:

1. Courses in the major require that students communicate effectively in verbal and written ways.
  2. Students will need to use information technologies, use quantitative reasoning and critical thinking skills.
  3. Students will be asked to integrate in-class learning in solving real life problems.
  4. Students will understand the impact of humans on the environment and *vice versa* locally and globally.
  5. Students will work and learn independently and collaboratively, integrating various concentrations, perspectives and diverse ways of thinking that underlie the search for knowledge in the arts, humanities, sciences and social sciences.
  6. Students will explore environmentally related ethical questions and implications of individual and societal choices on individuals, communities, and the planet.
  7. Students will develop intellectual curiosity, confidence, and understand the need for lifelong engagement in learning.
  8. Students will develop an integrated, international perspective regarding countries, populations and the environment.
  9. Students will integrate and demonstrate classroom skills and knowledge in at least one field related experience.
- d. Curricular requirements, including fulfillment of University, college and departmental requirements.

The BA in Environmental Studies and concentrations assist students in gaining a deeper understanding of and appreciation for the environment and environmental systems, the impact of humans on the environment and environmental impacts on humans, the importance of environmental understanding when making economic, political and other policy choices.

The BA in Environmental Studies program's foundation courses are in the social sciences, humanities, and natural sciences with a focus in understanding the environmental field. This, along with their specific concentration area, allows students in connecting science and society and balancing the needs of humans and other inhabitants with the needs to conserve the earth's precious resources while developing strategies, policies and approaches to solve environmental issues and reduce environmental impact.

**General and University Requirements:**

|                                                            |     |
|------------------------------------------------------------|-----|
| ENGL 110 Critical Reading & Writing (min grade C-)         | 3   |
| First Year Experience (fulfilled by ENSC 101+ FYE seminar) | 4   |
| Discovery Learning Experience (fulfilled by field course)  | 3   |
| Multicultural requirement                                  | 3   |
| Second Writing Course (fulfilled by ENSC 450)              | 3   |
| Foreign Language                                           | 0-8 |
| Math requirement                                           | 0-4 |

**Program Breadth Requirements:**

*At least 2 different areas must be represented in each group.*

|                                                                                   |   |
|-----------------------------------------------------------------------------------|---|
| <b>Group A</b> Understanding and appreciation of the creative arts and humanities | 9 |
|-----------------------------------------------------------------------------------|---|

|                                                                               |    |
|-------------------------------------------------------------------------------|----|
| <b>Group B</b> The study of culture and institutions over time                | 9  |
| <b>Group C</b> Empirically based study of human beings and their environment. | 9  |
| <b>Group D</b> The study of natural phenomena through experiment or analysis  | 10 |

**Core Requirements:**

|                                                                                                           |   |
|-----------------------------------------------------------------------------------------------------------|---|
| ENSC 101 Introduction to the Environment                                                                  | 4 |
| BISC 107 Elementary Evolutionary Ecology                                                                  | 3 |
| CHEM 100 Chemistry and Human Environment                                                                  | 3 |
| GEOL 105 Geological Hazards                                                                               | 3 |
| GEOL 115 Geological Hazards Laboratory                                                                    | 1 |
| FREC 100 Sustainable Development                                                                          | 3 |
| ECON151 Introduction to Microeconomics <b>OR</b><br>FREC 150 Economics of Agriculture & Natural Resources | 3 |
| ECON/FREC 343 Environmental Economics                                                                     | 3 |
| GEOG 235 Conservation of Natural Resources                                                                | 3 |
| GEOG 236 Conservation: Global Issues                                                                      | 3 |
| MAST 200 The Oceans                                                                                       | 3 |
| POSC 240 Introduction to International Relations                                                          | 3 |
| POSC 350 Politics and the Environment                                                                     | 3 |
| PHIL 448 Environmental Ethics                                                                             | 3 |
| STAT 200 Basic Statistical Practice                                                                       | 3 |

**Field Experience: (3-6 cr)**

An approved studies experience in which the student integrates the components of his or her concentration in an experiential learning environment. This requirement could be fulfilled by an internship, study abroad experience and/or a research experience.

**Studies Concentrations: (15-18 cr)**

5-6 courses clustered in concentrations that are distributed throughout the colleges and across disciplines (see listings below).

**Capstone Course:**

ENSC 450: Proseminar: The Environment 3

This capstone course serves to be a culminating experience and is to be completed during the last semester of the senior year. This course will engage students in an exploration and discussion of the history and state of environmental studies and its connection to local, regional, national and global scale environmental issues. Students will develop and refine critical thinking skills and interdisciplinary problem-solving strategies. It serves to be a culminating experience for students on the “science-side” and the “studies-side” to collaboratively solve problems and discuss issues in the current environmental literature.

**Electives:** After required courses are completed, sufficient credits must be taken to meet the total minimum credits required for the degree.

**Total Credits for Degree:** 124

**Concentration in International Environmental Politics and Policy** studies theories of international relations, international environmental treaties and agreements, and the international dimension of environmental policy issues.

- GEOG 422/622 Resources, Development, And The Environment  
OR
- POSC 408 International Organization
- *Four of the following:*
  - GEOG/POSC 329 International Migration
  - MAST 673 International Law (LEST 673, POSC 604)
  - POSC 362 Diplomacy

- POSC 363 International Law And Organization
- POSC 409 Contemporary Problems In World Politics (when topic is appropriate)
- POSC 451 Problems In Policy & Administration (when topic is appropriate, e.g., Comparative Environmental Policy & Politics)
- POSC 640 International Development Policy and Administration
- SOCI 331 World Population: Profiles And Trends

***Concentration in Environmental Law, Policy and Politics** studies environmental movements and the development of institutional processes, policies and laws that impact environmental quality. It studies specific policy areas and the connection between environmental progress and economic development.*

Student must select 5 courses from the following 2 groups:

- *Two or three of the following:*
  - FREC 450 Topics In Environmental Law
  - GEOG 240 Environment and Behavior
  - GEOG 449 Environment and Society
  - HIST 367 American Environmental History
  - MAST 692 Environmental Values, Movements And Policy
  - POSC 380 Introduction To Law
  - POSC 363 International Law And Organization
  - SOCI 330 Population, Law And Society
  - SOCI 470 Environmental Sociology

AND

- *Two or three of the following:*
  - ENWC 413 Wildlife Policy and Administration (requires ENWC 201)
  - FREC 406 Agriculture and Natural Resource Policy
  - FREC/UAPP 611 Regional Watershed Management
  - GEOG 320 Water and Society
  - GEOG/UAPP 428/628 Issues In Land Use And Environmental Planning
  - MAST 620/POSC/UAPP 424/624 Energy Policy And Administration
  - MAST 622/POSC/UAPP 626 Conservation And Renewable Energy Policy
  - MAST 670 United States Ocean And Coastal Policy
  - MAST 671 Coastal Processes And Management
  - POSC 451 Topics In Policy And Administration: Climate Change Policy
  - POSC 456/656 Disaster And Politics

***Concentration in Environmental Economics and Resource Policy** studies the theories and the economic effects of national or local environmental policies and management of natural resources (like land, water, soil, plants, and animals) to preserve them for future generations.*

- *Three of the following:*
  - ECON 350 Energy Economics
  - FREC 406 Agriculture and Natural Resource Policy
  - FREC 424 Resource Economics
  - FREC 420 Agriculture in Economic Development
  - FREC 429 Community Economic Development
  - FREC 480 Geographic Information Systems

AND

- *Two of the following:*
  - ENWC 413 Wildlife Policy and Administration (requires ENWC 201)
  - FREC/UAPP 611 Regional Watershed Management

- FREC/LEST 450 Topic in Environmental Law
- GEOG 320 Water and Society
- GEOG 422/622 Resources, Development, and The Environment
- MAST 622/POSC/UAPP 626 Conservation and Renewable Energy Policy
- POSC 424 Energy Policy and Administration
- POSC 456/656 Disaster and Politics

*Concentration in Environment, Society and Sustainability studies the integration of economic, social and environmental policy and decision making relating to the ability for society to live and function without depleting the Earth's resources and compromising the ability of future societies to meet their needs.*

- GEOG 422/622 Resources, Development, and The Environment
- *Four of the following:*
  - FREC 450 Topics In Environmental Law
  - FREC 424 Resource Economics
  - FREC 429 Community Economic Development
  - GEOG 449 Environment and Society
  - GEOG 320 Water and Society
  - GEOG 345 Cultural Geography
  - GEOG 372 Geographic Information Systems OR  
FREC 480 Geographic Information Systems
  - HIST 367 American Environmental History
  - MAST 622/POSC/UAPP 626 Conservation and Renewable Energy Policy
  - MAST 692 Environmental Values, Movements and Policy
  - PLSC 140 People and Plants: Feast or Famine
  - POSC 456/656 Disaster and Politics
  - POSC 640 International Development Policy and Administration
  - SOCI 330 Population, Law and Society
  - SOCI 331 World Population: Profiles and Trends
  - SOCI 470 Environmental Sociology

- e. Results of assessments or evaluations regarding the quality of the program - must indicate policies and procedures, how the assessment was used, and how the program changed because of it. What has the program accomplished in order to enhance assessment, particularly focusing on student learning outcomes?

An external strategic evaluation was conducted by Dr. Shirley Vincent, a renowned expert on interdisciplinary environmental education. See the external report prepared by Dr, Shirley Vincent (Appendix B).

- f. What are the department/unit's strategies for student advisement?

Advisement is distributed among the participating Colleges. General advising is conducted by participating faculty. Upon declaration of a formal concentration, students are advised by faculty with topical expertise in that particular concentration.

- g. If applicable, specify if the program meets all accreditation requirements (e.g., ABET, AACSB, APA, CADE etc.).

Not applicable.

- h. Report any changes in the program admission criteria, degree requirements, or subject areas since the program was initiated.

No changes to report.

- i. General description of recruiting procedures - include any information for underrepresented populations.

Similar to most undergraduate majors, there is no specific recruiting procedure other than a programmatic website [[www2.udel.edu/enscnvrprograms](http://www2.udel.edu/enscnvrprograms)]. In addition, the Program Director meets with interested students to explain the major.

2. Student information:

- a. Application and enrollment history - provide a tabular summary or graphical representation by year showing numbers of applicants, offers, matriculated, graduated, and dropped out (this data must be confirmed by the Admission's Office, the Registrar's Office, the Office of Graduate Studies or the Office of Institutional Research and Planning, as appropriate).

The following tabular data (Tables 1 and 2) were obtained from the Office of Institutional Research and Planning. In the first year of the ENVR major (2009-2010), a total of 16 students were enrolled. As of 2013-2014, the ENVR major enrolled 93 students and graduated 28 students in May 2013.

Table 1. ENVR\_TallySemIn

| MajorEquiv | AcadYr    | STRM | Change | Continue | FR | Gap | RADM | TR |
|------------|-----------|------|--------|----------|----|-----|------|----|
| ENVR       | 2009-2010 | 2098 | 5      |          | 10 | 1   |      |    |
| ENVR       | 2009-2010 | 2103 | 12     | 13       |    |     |      | 1  |
| ENVR       | 2010-2011 | 2108 | 9      | 20       | 15 |     |      | 2  |
| ENVR       | 2010-2011 | 2113 | 8      | 37       |    |     | 1    | 1  |
| ENVR       | 2011-2012 | 2118 | 12     | 39       | 14 |     |      | 3  |
| ENVR       | 2011-2012 | 2123 | 19     | 56       |    |     |      | 2  |
| ENVR       | 2012-2013 | 2128 | 12     | 60       | 17 |     |      | 3  |
| ENVR       | 2012-2013 | 2133 | 15     | 76       |    | 1   |      | 3  |
| ENVR       | 2013-2014 | 2138 | 16     | 70       | 7  |     |      |    |



Table 2. ENVR\_TallySemOut

| MajorEquiv | AcadYr    | STRM | Change | COMP | Continue | Leave UD |      |     |      |
|------------|-----------|------|--------|------|----------|----------|------|-----|------|
|            |           |      |        |      |          | DISC     | DISM | Gap | SPND |
| ENVR       | 2009-2010 | 2098 | 3      |      | 13       |          |      |     |      |
| ENVR       | 2009-2010 | 2103 | 6      |      | 20       |          |      |     |      |
| ENVR       | 2010-2011 | 2108 | 8      |      | 37       | 1        |      |     |      |
| ENVR       | 2010-2011 | 2113 | 3      | 3    | 39       | 2        |      |     |      |
| ENVR       | 2011-2012 | 2118 | 8      | 1    | 56       | 3        |      |     |      |
| ENVR       | 2011-2012 | 2123 | 5      | 9    | 60       | 2        |      |     | 1    |
| ENVR       | 2012-2013 | 2128 | 10     | 2    | 76       | 1        |      | 1   | 2    |
| ENVR       | 2012-2013 | 2133 | 6      | 13   | 70       | 1        | 2    | 3   |      |
| ENVR       | 2013-2014 | 2138 | 2      |      | 91       |          |      |     |      |

- b. Annotated evidence of placement for students who have graduated - indicate how the department facilitates placement.

To date, only one class has graduated since the ENVR major was launched in 2009. A total of 28 students graduated in May 2013. The students who have graduated with the ENVR majors have gone on to graduate programs in various policy disciplines. Those that have gone into the world of work have positions in: government agencies including the US Department of Energy and US Environmental Protection Agency (EPA); policy, outreach and advocacy organizations such as Clean Ocean Action, Global Fairness Initiative (GFI) and Delaware Nature Society; and private industry like Aerotek, Schwartzapfel Lawyers PC, and KCI technologies.

- c. Identify sources and levels of financial support for students in the graduate program and indicate the proportion receiving assistantships\*.

Not applicable.

3. Identify demand and competitive factors in the region, nationally or internationally for attracting students - explain how this benefits and/or challenges the program.

As mentioned in Dr. Vincent's report, there is a strong demand regionally and nationally for interdisciplinary environmental programs similar to our Environmental Studies Program. UD is uniquely positioned in that we offer both a BS in Environmental Science and a BA in Environmental Studies. There is a mutual synergy between both Programs that make us the school of choice for many students seeking interdisciplinary environmental degrees. Thus,

the strong demand for environmental degrees benefits the Program, especially when coupled with the range of university offerings.

4. Identify factors that make this program unique or distinctive compared to similar programs at other institutions.

Nationally there are 652 institutions that award 804 undergraduate interdisciplinary environmental degrees (Vincent, personal communication). Of these, 373 (46%) are Environmental Science(s) programs, 255 (32%) are Environmental Studies, and 176 (22%) had other names such as environmental policy and management and water resources. Environmental Science programs on average graduate 26 students. Environmental Studies programs graduate, on average, more than twice that number (54).

In seeking to broaden the environmental degree options for undergraduate students at UD we developed a BA in Environmental Studies. This degree extends UD's environmental options and reflects the fact that the Earth and its resources connect to all facets of human existence. The proposed major and its concentrations would fill the current void that exists for those students interested in studying the environment through the perspectives of policy, economics, and social science. It aligns with the goals of the UD strategic plan in 3 ways:

1. The degree connects science and society in the context of the environment. It is broadly interdisciplinary and integrated across academic units. It includes concentrations that would be housed in Agriculture and Natural Resources, Arts and Sciences, and Marine and Earth Studies.
2. It integrates natural science with social science and policy. This foundation helps students appreciate the interconnectedness between understanding natural science processes and their applications and the social, political, and institutional frameworks in which environmental issues are considered.
3. It connects students majoring in Environmental Science and Environmental Studies (see separate proposal for the modified/expanded BS in Environmental Science).

The goal is to give students in the program a broad-based, interdisciplinary introduction to environmental policies and issues; the common analytical tools needed to explore them in depth through their specific concentration areas; and the ability to integrate and synthesize information from a multidisciplinary perspective in oral and written format through a capstone course.

4. Overview of interdisciplinary relationships (if any) - include trends on what students choose for electives.

Many students choose minors in Environmental Humanities, foreign languages, geography, and political science. Dr. Shirley Vincent's report also highlights national changes in interdisciplinary environmental education programs (Appendix B).

5. Characterize whether the facilities available for this program are adequate to support student, faculty, and staff needs.

Current facilities are adequate but future growth will necessitate further resource investment. These are outlined in Dr. Shirley Vincent's report (Appendix B).

6. Provide information on other budgetary requirements of the program beyond the typical unit expenses.

Not applicable.

Section G. Other information of value for the review of the program.

The following auxiliary documentation is included as appendices:

Appendix A. Letter from Dean Targett supporting permanent status for the ENVR major

Appendix B. Strategic assessment and evaluation of ENVR (and ENSC) majors by Dr. Shirley Vincent of the National Council on Science and the Environment

Appendix C. Tabular data supplied by the Office of Institutional Research on ENVR enrollment history

Appendix A



College of Earth, Ocean,  
& Environment  
OFFICE OF THE DEAN

111 Robinson Hall  
Newark, DE 19716-3501 U.S.A.  
Phone: 302-831-2841  
Fax: 302-831-4389  
Email: [ntargett@udel.edu](mailto:ntargett@udel.edu)

TO: Faculty Senate Undergraduate Studies Committee

FROM: Nancy M. Targett  
Dean, College of Earth, Ocean, and Environment

A handwritten signature in black ink that reads 'Nancy M. Targett'.

DATE: October 30, 2013

SUBJECT: Support for Approval of Permanent Status for the  
B.A. Program in Environmental Studies (ENVR)

I am pleased to support the permanent program status of the Bachelor of Arts degree in Environmental Studies. This degree program provides students with a broad-based, multidisciplinary introduction to environmental policies and issues; introduces them to the common analytical tools used in the field; and encourages them to develop the ability to integrate and synthesize information from a multidisciplinary perspective in oral and written format through the capstone course.

Prior to the request to faculty senate for permanent degree status for the ENVR program, CEOE had the program externally reviewed by a nationally known educational curriculum expert from the National Council for Science and the Environment (NCSE). The positive outcome of that review gave us confidence that our ENVR program placed well in the context of other environmental studies programs nationally. It also offered suggestions for additional enhancements that will ensure that we continue to strengthen and advance this successful program.

The ENVR degree is (and has been) well-subscribed at UD. I strongly endorse the proposal to give it permanent status.

Thank you in advance for your review and consideration.

## **Appendix B**

**is included as a separate file since  
the pdf is secured**

Appendix C

MajorsInOut\_ENVR

Tally\_InOut

ENVR - Environmental Studies: Routes through the major

| Year      | Applicants |    | OfferAdmit |    | Join Major as |    |              |              | Leave Major as |          |                 |
|-----------|------------|----|------------|----|---------------|----|--------------|--------------|----------------|----------|-----------------|
|           | FR         | TR | FR         | TR | FR            | TR | Change Major | Return to UD | Change Major   | Leave UD | Complete Degree |
| 2009-10   | 0          | 0  | 10         | 2  | 10            | 1  | 17           | 1            | 9              | 0        | 0               |
| 2010-11   | 74         | 7  | 47         | 5  | 15            | 3  | 17           | 1            | 11             | 3        | 3               |
| 2011-12   | 72         | 11 | 50         | 10 | 14            | 5  | 31           | 0            | 13             | 6        | 10              |
| 2012-13   | 83         | 9  | 62         | 10 | 17            | 6  | 27           | 1            | 16             | 10       | 15              |
| 2013 Fall | 53         | 4  | 37         | 2  | 7             | 0  | 16           | 0            | ?              | ?        | ?               |

N/A as of 10/16/2013

| AdmTracking.accdb query= "MajorEquiv2_list" |           |       |        |       |           |               |                |            |
|---------------------------------------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| MajorEquiv                                  | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 700979725 | ENSC-BSAS     | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 700987129 | ENSC-BSAS     | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 700989372 | ENSC-BSAS     | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701044250 | ENSC-BSAS     | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701044256 | GEOL-BS       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701044562 | ENSC-BSAS     | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701058508 | WC-BS         | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701059329 | BIS-BAAS      | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701065700 | MTI           | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2098  | UGRD   | FR    | 701068219 | ENSC-BSAS     | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2103  | UGRD   | TR    | 700969149 | UST           | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2009-2010 | 2103  | UGRD   | TR    | 701282696 | ENSC-MS-BS    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 700996281 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701020912 | ENSC-MS-BS    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701030144 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701032705 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701068965 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701080087 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701084857 | ENSC-MS-BS    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701096022 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701096065 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701096430 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701096573 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701099287 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701100894 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701104602 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701104696 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701105578 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701106076 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701106255 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701106382 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701107473 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701109592 | ENVR-MS-BA    | ENEP-BS        |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701109627 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701110635 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701116326 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701116515 | ENVR-MS-BA    | ENSC-MS-BS     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701117297 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701118544 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701121639 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701129311 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701132930 | ENVR-MS-BA    |                |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701142388 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701148345 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701158972 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701163686 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR                                        | 2010-2011 | 2108  | UGRD   | FR    | 701171521 | ENVR-MS-BA    | ENVR-MS-BA     |            |



## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701199675 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701218702 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701219253 | ENSC-MS-BS    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701219962 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701220266 | ENSC-MS-BS    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701221480 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701221822 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701222141 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701261754 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701278256 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701278363 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701280014 | ART-BAAS      | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701280378 | IR-BAAS       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701280402 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701281039 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701281546 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701281556 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701282845 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701325350 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701357299 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701358699 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701358930 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701360081 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701361305 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701361364 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701362054 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701362373 | HPEI          | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701365154 | ENVR-MS-BA    | ENVR-MS-BA     | ENSC-MS-BS |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701365380 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701365789 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701366276 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701371172 | ENVR-MS-BA    | GEOG-BA        | GEOG-BA    |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701371436 | ENVR-MS-BA    | UST            |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701371540 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701374582 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701375687 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701376323 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701376476 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701376573 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701377368 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701377688 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701377920 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701379468 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701380093 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701380409 | IR-BAAS       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701380692 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | FR    | 701381890 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | TR    | 701044578 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |

## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2010-2011 | 2108  | UGRD   | TR    | 701382894 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | TR    | 701385027 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | TR    | 701389226 | ENVR-MS-BA    |                |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | TR    | 701391807 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2010-2011 | 2108  | UGRD   | TR    | 701393595 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2010-2011 | 2113  | UGRD   | TR    | 701518491 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701102567 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701274094 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701274171 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701274204 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701282874 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701315698 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701333769 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701334010 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701363595 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701367229 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701367468 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701368270 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701370397 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701370658 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701385148 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701385969 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701386514 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701389000 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701390417 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701393332 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701393762 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701398161 | PSY-BAAS      | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701405430 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701406962 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701432336 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701434552 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701437035 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701437115 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701442569 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701475648 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701490950 | ENVR-MS-BA    | MARSC-BS       | MARSC-BS   |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701510598 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701511959 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701512251 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701512370 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701512838 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701513455 | ENVR-MS-BA    | UST-AA         | UST-AA     |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701515272 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701519466 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701521723 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701522163 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701522494 | ENVR-MS-BA    |                |            |

## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701522887 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701522988 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701523896 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701524687 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701525218 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701525223 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701525513 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701525515 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701525582 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701528929 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701529018 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701530553 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701531536 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701532028 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701532552 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701532766 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701533899 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701533977 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701534547 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701535007 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701535560 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701536284 | ENVR-MS-BA    | COMI           |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701538466 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701539445 | GEOL-BS       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701540037 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701540470 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701542569 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701542700 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701544876 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701545905 | XES-BA        | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701546649 | ENVR-MS-BA    | UST            | UST        |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701547172 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | FR    | 701564899 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 700990570 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701102610 | ACC-BS        | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701165702 | BSU           | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701391807 | MGT-BS        | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701547479 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701550050 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701555325 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701555382 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701566975 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2118  | UGRD   | TR    | 701567161 | ENVR-MS-BA    |                |            |
| ENVR       | 2011-2012 | 2123  | UGRD   | TR    | 701411553 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2011-2012 | 2123  | UGRD   | TR    | 701553177 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2123  | UGRD   | TR    | 701717611 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2011-2012 | 2123  | UGRD   | TR    | 701813247 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701369683 | ENVR-MS-BA    |                |            |

## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701387516 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701503523 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701503909 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701505859 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701510002 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701518751 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701519929 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701524579 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701526792 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701530527 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701533670 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701534198 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701542203 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701546216 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701549557 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701552197 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701552356 | ENVR-MS-BA    | UST            |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701552588 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701554846 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701556152 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701556580 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701557274 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701557648 | UST           | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701558229 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701559057 | FM-BS         | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701560474 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701561297 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701563849 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701564786 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701564899 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701565781 | ENVR-MS-BA    | FIN-BS         | FIN-BS     |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701566123 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701576327 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701576923 | NRM-BS        | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701577341 | ENVR-MS-BA    | WC-BS          | WC-BS      |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701578002 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701579502 | ART-BAAS      | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701582901 | ENVR-MS-BA    | ENEG-BENE      |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701585347 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701585854 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701647845 | ENSC-MS-BS    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701649748 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701655669 | BIS-BAAS      | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701691158 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701693728 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701716679 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701719676 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701720276 | ENVR-MS-BA    | ENVR-MS-BA     |            |

## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701721821 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701724802 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701728342 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701729234 | FLL-BAAS      | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701809071 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701809367 | ANR-BS        | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701809957 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701809961 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701811627 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701812115 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701812622 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701812973 | ESOS-BS       | ENVR-AG-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701813952 | APD-BS        | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701814176 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701814270 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701815088 | GEOG-BA       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701815858 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701818720 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701819760 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701819971 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701820453 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701821155 | UST           | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701821571 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701824186 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701824625 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701827316 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701829306 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701829631 | ENVR-MS-BA    | PLS-BS         | PLS-BS     |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701829856 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701830227 | CHE-BCHE      | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701830241 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701830710 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701830750 | ENVR-MS-BA    | UST            | UST        |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701831324 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701831331 | BSU           | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701831959 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701832434 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701834632 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701834675 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701834967 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701835253 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701838876 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701838944 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701839303 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | FR    | 701839305 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 701377153 | SM-BS         | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 701531854 | ENEP-BS       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 701535007 | ENVR-MS-BA    | ENVR-MS-BA     |            |

## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 701552074 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 701998875 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 702001438 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 702006216 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2128  | UGRD   | TR    | 702006942 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2133  | UGRD   | FR    | 701839303 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2133  | UGRD   | FR    | 701839305 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2133  | UGRD   | FR    | 702026950 | ENVR-MS-BA    |                |            |
| ENVR       | 2012-2013 | 2133  | UGRD   | TR    | 701025832 | INSY-BS       | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2133  | UGRD   | TR    | 701172359 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2133  | UGRD   | TR    | 701514452 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2012-2013 | 2133  | UGRD   | TR    | 702039601 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701369291 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701510002 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701563836 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701566648 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701568369 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701719583 | ENVR-MS-BA    | ENEP-BS        | ENEP-BS    |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701720480 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701736178 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701755885 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701758057 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701765683 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701811900 | PSC-BAAS      | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701813153 | ENVR-MS-BA    | UST            | UST        |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701814491 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701822838 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701823632 | ENVR-MS-BA    | UST-AA         |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701830833 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701835822 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701839303 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701839305 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701840684 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701845426 | BSU           | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701852159 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701853433 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701853767 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701859540 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701860819 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701877355 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701903756 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701908709 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701909607 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701993004 | ENVR-MS-BA    | UST-AA         |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701999077 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 701999134 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702000323 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702002500 | ENVR-MS-BA    | ENVR-MS-BA     |            |

## MajorsInOut\_ENVR

## List\_Admissions

| MajorEquip | AcadYr    | ADMIT | ACAD_C | ADMIT | EMPLID    | ApplMajorLast | AdmitMajorLast | EnrMajor   |
|------------|-----------|-------|--------|-------|-----------|---------------|----------------|------------|
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702002775 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702008906 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702016402 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702020704 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702025560 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702026839 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702030617 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702031782 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702031940 | EGU           | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702033092 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702034213 | ENSC-MS-BS    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702035963 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702038538 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702038832 | BSU           | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702039485 | ENVR-MS-BA    | ENSC-MS-BS     | ENSC-MS-BS |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702041734 | EGU           | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702041950 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702046934 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702047188 | ENVR-MS-BA    | UST            | UST        |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702047441 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702048807 | ENVR-MS-BA    | ENVR-MS-BA     | ENVR-MS-BA |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702048842 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | FR    | 702223341 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | TR    | 702046224 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | TR    | 702046228 | ENVR-MS-BA    |                |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | TR    | 702211625 | ENVR-MS-BA    | ENVR-MS-BA     |            |
| ENVR       | 2013-2014 | 2138  | UGRD   | TR    | 702214222 | ENVR-MS-BA    |                |            |

| StudentProgPlans.accdb query="SpecMajorEquip1a_listSemInOut" |           |      |           |          |          |                |
|--------------------------------------------------------------|-----------|------|-----------|----------|----------|----------------|
| MajorEquip                                                   | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
| ENVR                                                         | 2009-2010 | 2098 | 59397     | Gap      | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 700709409 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 700719766 | Change   | Continue | 2              |
| ENVR                                                         | 2009-2010 | 2098 | 700847068 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 700867706 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 700960062 | Change   | Change   | 2              |
| ENVR                                                         | 2009-2010 | 2098 | 700979725 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 700987129 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 700989372 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701044250 | FR       | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701044256 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701044562 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701058508 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701059329 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701065700 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2098 | 701068219 | FR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700709409 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700719766 | Continue | Continue | 2              |
| ENVR                                                         | 2009-2010 | 2103 | 700770488 | Change   | Continue | 2              |
| ENVR                                                         | 2009-2010 | 2103 | 700816308 | Change   | Continue | 2              |
| ENVR                                                         | 2009-2010 | 2103 | 700839540 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700842949 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700844512 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700847068 | Continue | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700848616 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700867706 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700871879 | Change   | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700969149 | TR       | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700979725 | Continue | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700987129 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700989372 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 700997009 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701014852 | Change   | Continue | 2              |
| ENVR                                                         | 2009-2010 | 2103 | 701042111 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701044256 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701044562 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701058508 | Continue | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701058966 | Change   | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701059329 | Continue | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701065700 | Continue | Continue | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701068219 | Continue | Change   | 1              |
| ENVR                                                         | 2009-2010 | 2103 | 701070216 | Change   | Continue | 1              |
| ENVR                                                         | 2010-2011 | 2108 | 700260799 | Change   | Change   | 2              |
| ENVR                                                         | 2010-2011 | 2108 | 700709409 | Continue | Continue | 1              |
| ENVR                                                         | 2010-2011 | 2108 | 700719686 | Change   | Continue | 1              |



| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2010-2011 | 2108 | 700719766 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2108 | 700770488 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2108 | 700816308 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2108 | 700839540 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700841861 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700842949 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700844512 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700848616 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700867706 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2108 | 700872382 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700874207 | Change   | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 700969149 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700987129 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700989372 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 700997009 | Continue | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 701014852 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2108 | 701020912 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701042111 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701044256 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701044562 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701044578 | TR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701058966 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701065700 | Continue | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 701070216 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701073092 | Change   | Continue | 2              |
| ENVR       | 2010-2011 | 2108 | 701080087 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701084857 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701085223 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701092143 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701104696 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701142388 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701158972 | FR       | DISC     | 0              |
| ENVR       | 2010-2011 | 2108 | 701218702 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701219253 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701220266 | FR       | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 701278256 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701280378 | FR       | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 701361054 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701362373 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701366276 | FR       | Continue | 1              |
| ENVR       | 2010-2011 | 2108 | 701377920 | FR       | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 701380409 | FR       | Change   | 1              |
| ENVR       | 2010-2011 | 2108 | 701393595 | TR       | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700536180 | RADM     | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700709409 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700719686 | Continue | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2010-2011 | 2113 | 700719766 | Continue | COMP     | 2              |
| ENVR       | 2010-2011 | 2113 | 700723390 | Change   | Change   | 1              |
| ENVR       | 2010-2011 | 2113 | 700757833 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700770488 | Continue | COMP     | 1              |
| ENVR       | 2010-2011 | 2113 | 700816308 | Continue | COMP     | 2              |
| ENVR       | 2010-2011 | 2113 | 700839540 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700841861 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700842949 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700844512 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700848616 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700867706 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2113 | 700872382 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700969149 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700987129 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 700989372 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701014852 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2113 | 701015559 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701020912 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701042111 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701044256 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701044562 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701044578 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701058966 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701060758 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701067864 | Change   | Continue | 2              |
| ENVR       | 2010-2011 | 2113 | 701070216 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701073092 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2113 | 701080087 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701080672 | Change   | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701084857 | Continue | Continue | 2              |
| ENVR       | 2010-2011 | 2113 | 701085223 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701092143 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701104696 | Continue | Change   | 1              |
| ENVR       | 2010-2011 | 2113 | 701142388 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701148509 | Change   | Continue | 2              |
| ENVR       | 2010-2011 | 2113 | 701218702 | Continue | DISC     | 0              |
| ENVR       | 2010-2011 | 2113 | 701219253 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701221008 | Change   | Change   | 1              |
| ENVR       | 2010-2011 | 2113 | 701278256 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701361054 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701362373 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701366276 | Continue | DISC     | 0              |
| ENVR       | 2010-2011 | 2113 | 701393595 | Continue | Continue | 1              |
| ENVR       | 2010-2011 | 2113 | 701518491 | TR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700536180 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700540571 | Change   | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2011-2012 | 2118 | 700709409 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700719686 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700757833 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700839540 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700841861 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700842949 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2118 | 700844512 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700848616 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700867706 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2118 | 700872382 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700969149 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700981511 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700987129 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700989372 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700993357 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 700995664 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701014852 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701015559 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701020912 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701042111 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701044256 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701044562 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701044578 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701058966 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701060758 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701067864 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2118 | 701070216 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701073092 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2118 | 701080087 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701080672 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701082841 | Change   | Change   | 1              |
| ENVR       | 2011-2012 | 2118 | 701084857 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2118 | 701085223 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701092143 | Continue | Change   | 1              |
| ENVR       | 2011-2012 | 2118 | 701102610 | TR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701108106 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701118371 | Change   | DISC     | 0              |
| ENVR       | 2011-2012 | 2118 | 701142388 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701148509 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2118 | 701219253 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701220362 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701274171 | FR       | Change   | 1              |
| ENVR       | 2011-2012 | 2118 | 701274204 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701278256 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701278844 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701282193 | Change   | Change   | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2011-2012 | 2118 | 701315698 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701357863 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701358750 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701361054 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701362373 | Continue | DISC     | 0              |
| ENVR       | 2011-2012 | 2118 | 701390417 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701391807 | TR       | Change   | 1              |
| ENVR       | 2011-2012 | 2118 | 701393595 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701398161 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701432336 | FR       | DISC     | 0              |
| ENVR       | 2011-2012 | 2118 | 701437115 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701515272 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701518491 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701521723 | FR       | Change   | 1              |
| ENVR       | 2011-2012 | 2118 | 701522163 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701533899 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701538466 | FR       | Change   | 1              |
| ENVR       | 2011-2012 | 2118 | 701539445 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701545905 | FR       | Continue | 1              |
| ENVR       | 2011-2012 | 2118 | 701555382 | TR       | Change   | 1              |
| ENVR       | 2011-2012 | 2123 | 700536180 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700540571 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700709409 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700719686 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700757833 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700839540 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700841861 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700844512 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700848616 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700867706 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 700872382 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700969149 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 700976124 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700981511 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700987129 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700989372 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700993357 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 700995664 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701013890 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701014852 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701015559 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701020912 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701042111 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701044256 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701044548 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701044562 | Continue | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2011-2012 | 2123 | 701044578 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701058966 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701060758 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701067864 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 701070216 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701073092 | Continue | SPND     | 0              |
| ENVR       | 2011-2012 | 2123 | 701077886 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701080087 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701080672 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701084577 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701084857 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 701085223 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701086521 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701095880 | Change   | DISC     | 0              |
| ENVR       | 2011-2012 | 2123 | 701102610 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 701108106 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701142388 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701148509 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 701219253 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701220362 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701220953 | Change   | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 701274204 | Continue | Change   | 1              |
| ENVR       | 2011-2012 | 2123 | 701278256 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701278844 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701315698 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701334768 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701357863 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701358580 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701358750 | Continue | DISC     | 0              |
| ENVR       | 2011-2012 | 2123 | 701361054 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701385653 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701387929 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701390417 | Continue | Change   | 1              |
| ENVR       | 2011-2012 | 2123 | 701393595 | Continue | COMP     | 1              |
| ENVR       | 2011-2012 | 2123 | 701398161 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701433248 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701437115 | Continue | Continue | 2              |
| ENVR       | 2011-2012 | 2123 | 701512446 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701512905 | Change   | Change   | 1              |
| ENVR       | 2011-2012 | 2123 | 701513307 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701515272 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701518491 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701519978 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701522163 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701527321 | Change   | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701533899 | Continue | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2011-2012 | 2123 | 701538105 | Change   | Change   | 2              |
| ENVR       | 2011-2012 | 2123 | 701539445 | Continue | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701545905 | Continue | Change   | 1              |
| ENVR       | 2011-2012 | 2123 | 701553177 | TR       | Continue | 1              |
| ENVR       | 2011-2012 | 2123 | 701717611 | TR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700540571 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700757833 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700841861 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700867706 | Continue | COMP     | 2              |
| ENVR       | 2012-2013 | 2128 | 700871656 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700976124 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700981511 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700987129 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700989372 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700993357 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 700995664 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701013890 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701014852 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701015559 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701020912 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701042111 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701044256 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701044548 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701044562 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701044578 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701058966 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701060758 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701067864 | Continue | Change   | 2              |
| ENVR       | 2012-2013 | 2128 | 701070216 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701077886 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701080087 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701080672 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701084577 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701084857 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701085223 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701086521 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701102610 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701105303 | Change   | SPND     | 0              |
| ENVR       | 2012-2013 | 2128 | 701105539 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701108106 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701129619 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701132903 | Change   | Change   | 2              |
| ENVR       | 2012-2013 | 2128 | 701142388 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701148509 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701219253 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701220362 | Continue | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2012-2013 | 2128 | 701220953 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701274195 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701278256 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701278844 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701315698 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701334207 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701334768 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701357863 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701358580 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701361054 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701365078 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701377153 | TR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701385653 | Continue | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701387929 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701398161 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701433248 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701437115 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2128 | 701512446 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701513307 | Continue | SPND     | 0              |
| ENVR       | 2012-2013 | 2128 | 701513695 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701515272 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701515739 | Change   | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701515802 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701518491 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2128 | 701519978 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701522163 | Continue | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701527321 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701531854 | TR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701533899 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701538717 | Change   | Gap      | 0              |
| ENVR       | 2012-2013 | 2128 | 701539445 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701552074 | TR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701553177 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701557274 | FR       | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701558229 | FR       | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701559057 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701564899 | FR       | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701576923 | FR       | DISC     | 0              |
| ENVR       | 2012-2013 | 2128 | 701585854 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701647845 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701655669 | FR       | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701717611 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701719676 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701729234 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701809367 | FR       | Change   | 1              |
| ENVR       | 2012-2013 | 2128 | 701812973 | FR       | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2012-2013 | 2128 | 701813952 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701815088 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701818720 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701821155 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2128 | 701830241 | FR       | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 700540571 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 700757833 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 700841861 | Continue | DISM     | 0              |
| ENVR       | 2012-2013 | 2133 | 700871656 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 700976124 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 700981511 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 700987129 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 700989372 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 700993357 | Continue | Gap      | 0              |
| ENVR       | 2012-2013 | 2133 | 700995664 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701013890 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701014852 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701015559 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701020912 | Continue | Gap      | 0              |
| ENVR       | 2012-2013 | 2133 | 701025832 | TR       | Change   | 1              |
| ENVR       | 2012-2013 | 2133 | 701042111 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701044256 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701044548 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701044562 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701044578 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701058966 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701060758 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701070216 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701073092 | Gap      | Gap      | 0              |
| ENVR       | 2012-2013 | 2133 | 701077886 | Continue | DISC     | 0              |
| ENVR       | 2012-2013 | 2133 | 701080087 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701080672 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701084577 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701084857 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701085223 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701086521 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701102610 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701105539 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701108106 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701129619 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701142388 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701148509 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701172359 | TR       | Change   | 1              |
| ENVR       | 2012-2013 | 2133 | 701219253 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701220362 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701220953 | Continue | Continue | 2              |



| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2012-2013 | 2133 | 701221003 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701274195 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701274209 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701278256 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701278844 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701282193 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701315698 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701334207 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701334768 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701357863 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701358580 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701361054 | Continue | COMP     | 1              |
| ENVR       | 2012-2013 | 2133 | 701365078 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701368333 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701377153 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701387929 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701395738 | Change   | Change   | 2              |
| ENVR       | 2012-2013 | 2133 | 701398161 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701407039 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701433248 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701437115 | Continue | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701512446 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701513695 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701514452 | TR       | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701515272 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701515802 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701519978 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701524579 | Change   | Continue | 2              |
| ENVR       | 2012-2013 | 2133 | 701525582 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701527321 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701531854 | Continue | DISM     | 0              |
| ENVR       | 2012-2013 | 2133 | 701533899 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701539445 | Continue | Change   | 1              |
| ENVR       | 2012-2013 | 2133 | 701552074 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701553177 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701559057 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701578025 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701585854 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701647845 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701717611 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701719676 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701729234 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701763727 | Change   | Change   | 1              |
| ENVR       | 2012-2013 | 2133 | 701811770 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701812973 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701813952 | Continue | Continue | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs    | StillActiveCnt |
|------------|-----------|------|-----------|----------|----------|----------------|
| ENVR       | 2012-2013 | 2133 | 701814913 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701815088 | Continue | Change   | 1              |
| ENVR       | 2012-2013 | 2133 | 701818720 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701821155 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701826190 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701826746 | Change   | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 701830241 | Continue | Continue | 1              |
| ENVR       | 2012-2013 | 2133 | 702014316 | Change   | Continue | 1              |
| ENVR       | 2013-2014 | 2138 | 700871656 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 700976124 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 700981511 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 700995664 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701013890 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701015559 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701044256 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701044548 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701044578 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 701044630 | Change   |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701080087 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701084577 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701084857 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 701086521 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701102610 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 701105539 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701108106 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701129619 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701142388 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701148509 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 701219253 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701220362 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701220953 | Continue | DISC     | 1              |
| ENVR       | 2013-2014 | 2138 | 701221003 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701274195 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701274209 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701274305 | Change   |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701278256 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701278844 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 701282193 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701315698 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701334207 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701334768 | Continue |          | 2              |
| ENVR       | 2013-2014 | 2138 | 701357863 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701358580 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701365078 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701368333 | Continue |          | 1              |
| ENVR       | 2013-2014 | 2138 | 701377153 | Continue |          | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs  | StillActiveCnt |
|------------|-----------|------|-----------|----------|--------|----------------|
| ENVR       | 2013-2014 | 2138 | 701387929 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701392787 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701398161 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701407039 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701433248 | Continue |        | 2              |
| ENVR       | 2013-2014 | 2138 | 701437115 | Continue |        | 2              |
| ENVR       | 2013-2014 | 2138 | 701511866 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701512446 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701513695 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701514452 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701515272 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701515802 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701519978 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701524579 | Continue |        | 2              |
| ENVR       | 2013-2014 | 2138 | 701525582 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701527321 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701528683 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701533866 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701533899 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701552074 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701553177 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701556714 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701558325 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701559057 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701563207 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701565284 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701568369 | FR       |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701577341 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701578025 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701581341 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701585854 | Continue | Change | 1              |
| ENVR       | 2013-2014 | 2138 | 701647845 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701717542 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701717611 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701719048 | Change   |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701719676 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701729234 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701811770 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701811900 | FR       |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701812973 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701813952 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701814913 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701818720 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701821155 | Continue |        | 1              |
| ENVR       | 2013-2014 | 2138 | 701825292 | Change   |        | 2              |
| ENVR       | 2013-2014 | 2138 | 701826190 | Continue |        | 1              |

| MajorEquip | AcadYr    | STRM | EMPLID    | InAs     | OutAs | StillActiveCnt |
|------------|-----------|------|-----------|----------|-------|----------------|
| ENVR       | 2013-2014 | 2138 | 701826746 | Continue |       | 1              |
| ENVR       | 2013-2014 | 2138 | 701830241 | Continue |       | 1              |
| ENVR       | 2013-2014 | 2138 | 701845426 | FR       |       | 1              |
| ENVR       | 2013-2014 | 2138 | 702008906 | FR       |       | 1              |
| ENVR       | 2013-2014 | 2138 | 702014316 | Continue |       | 1              |
| ENVR       | 2013-2014 | 2138 | 702016402 | FR       |       | 1              |
| ENVR       | 2013-2014 | 2138 | 702030787 | Change   |       | 1              |
| ENVR       | 2013-2014 | 2138 | 702034213 | FR       |       | 1              |
| ENVR       | 2013-2014 | 2138 | 702048807 | FR       |       | 1              |

## MajorEquiv1a\_applied

| EquivPlanT | AcadYr    | ADMIT_TE | ACAD_CAR | FR | TR |
|------------|-----------|----------|----------|----|----|
| ENVR       | 2010-2011 | 2108     | UGRD     | 74 | 6  |
| ENVR       | 2010-2011 | 2113     | UGRD     |    | 1  |
| ENVR       | 2011-2012 | 2118     | UGRD     | 72 | 7  |
| ENVR       | 2011-2012 | 2123     | UGRD     |    | 4  |
| ENVR       | 2012-2013 | 2128     | UGRD     | 80 | 6  |
| ENVR       | 2012-2013 | 2133     | UGRD     | 3  | 3  |
| ENVR       | 2013-2014 | 2138     | UGRD     | 53 | 4  |

## MajorEquiv1b\_admit

| EquivPlanT | AcadYr    | ADMIT_TE | ACAD_CAR | FR | TR |
|------------|-----------|----------|----------|----|----|
| ENVR       | 2009-2010 | 2098     | UGRD     | 10 |    |
| ENVR       | 2009-2010 | 2103     | UGRD     |    | 2  |
| ENVR       | 2010-2011 | 2108     | UGRD     | 47 | 4  |
| ENVR       | 2010-2011 | 2113     | UGRD     |    | 1  |
| ENVR       | 2011-2012 | 2118     | UGRD     | 50 | 6  |
| ENVR       | 2011-2012 | 2123     | UGRD     |    | 4  |
| ENVR       | 2012-2013 | 2128     | UGRD     | 62 | 6  |
| ENVR       | 2012-2013 | 2133     | UGRD     |    | 4  |
| ENVR       | 2013-2014 | 2138     | UGRD     | 37 | 2  |

## MajorEquiv1c\_enroll

| EquivPlanT | AcadYr    | ADMIT_TE | ACAD_CAR | FR | TR |
|------------|-----------|----------|----------|----|----|
| ENVR       | 2009-2010 | 2098     | UGRD     | 10 |    |
| ENVR       | 2009-2010 | 2103     | UGRD     |    | 1  |
| ENVR       | 2010-2011 | 2108     | UGRD     | 15 | 2  |
| ENVR       | 2010-2011 | 2113     | UGRD     |    | 1  |
| ENVR       | 2011-2012 | 2118     | UGRD     | 14 | 3  |
| ENVR       | 2011-2012 | 2123     | UGRD     |    | 2  |
| ENVR       | 2012-2013 | 2128     | UGRD     | 17 | 3  |
| ENVR       | 2012-2013 | 2133     | UGRD     |    | 3  |
| ENVR       | 2013-2014 | 2138     | UGRD     | 7  |    |

## SpecMajorEquiv1b\_tallySemIn

| MajorEquiv | AcadYr    | STRM | Change | Continue | FR | Gap | RADM | TR |
|------------|-----------|------|--------|----------|----|-----|------|----|
| ENVR       | 2009-2010 | 2098 | 5      |          | 10 | 1   |      |    |
| ENVR       | 2009-2010 | 2103 | 12     | 13       |    |     |      | 1  |
| ENVR       | 2010-2011 | 2108 | 9      | 20       | 15 |     |      | 2  |
| ENVR       | 2010-2011 | 2113 | 8      | 37       |    |     | 1    | 1  |
| ENVR       | 2011-2012 | 2118 | 12     | 39       | 14 |     |      | 3  |
| ENVR       | 2011-2012 | 2123 | 19     | 56       |    |     |      | 2  |
| ENVR       | 2012-2013 | 2128 | 12     | 60       | 17 |     |      | 3  |
| ENVR       | 2012-2013 | 2133 | 15     | 76       |    | 1   |      | 3  |
| ENVR       | 2013-2014 | 2138 | 16     | 70       | 7  |     |      |    |

## SpecMajorEquiv1c\_tallySemOut

| MajorEquiv | AcadYr    | STRM | Change | COMP | Continue | Leave UD |      |     |      |
|------------|-----------|------|--------|------|----------|----------|------|-----|------|
|            |           |      |        |      |          | DISC     | DISM | Gap | SPND |
| ENVR       | 2009-2010 | 2098 | 3      |      | 13       |          |      |     |      |
| ENVR       | 2009-2010 | 2103 | 6      |      | 20       |          |      |     |      |
| ENVR       | 2010-2011 | 2108 | 8      |      | 37       | 1        |      |     |      |
| ENVR       | 2010-2011 | 2113 | 3      | 3    | 39       | 2        |      |     |      |
| ENVR       | 2011-2012 | 2118 | 8      | 1    | 56       | 3        |      |     |      |
| ENVR       | 2011-2012 | 2123 | 5      | 9    | 60       | 2        |      |     | 1    |
| ENVR       | 2012-2013 | 2128 | 10     | 2    | 76       | 1        |      | 1   | 2    |
| ENVR       | 2012-2013 | 2133 | 6      | 13   | 70       | 1        | 2    | 3   |      |
| ENVR       | 2013-2014 | 2138 | 2      |      | 91       |          |      |     |      |