

ACADEMIC DATE: NOVEMBER, 199

DIRECTOR



Department: SOCIAL SCIENCES New Course:

Revision of Course Information form: X

DATED: OCTOBER 26, 1986

C: GEOGRAPHY 130

D: HUMAN IMPACT ON THE ENVIRONMENT F.

Subject & Course No. Descriptive

Summary of Revision

Geography that studies the relationships between groups and the physical environment. The focus of the course is on human beings as agents of environmental change and consumers of resources.

Human-geographic agents world

Type of Instruction Hours per Week

Lecture 4 Hrs.

Laboratory Seminar Hrs. Hrs.

Course Prerequisites

NIL

I: Course Corequisite: NIL

J: Course for which this course

Field Experience Hrs. Practicum Hrs. Shop Hrs.

NIU

Student Directed Learning

I. Introduction

1. The Human and Environment Interaction

2. Approaches to human-environment relationships

- b) human agency
- c) environmental perception
- d) ecosystematic

II. How Nature Works

1. Natural cycles

2. Ecosystems

- a) energy flows
- b) food chains
- c) niches
- d) stability

III. Culture History

1. World population growth

2. Technological change

IV. Human Impact on the Physical World

1. Human impact on vegetation

- a) fire
- b) deforestation
- c) desertification

2. Human influence on animals

- a) domestication
- b) dispersals
- c) extinctions and expansions

3. Human impact on the soil

- a) fertility
- b) salinity
- c) laterization
- d) erosion

4. Human impact on water

- a) deforestation
- b) ground water
- c) pollution

V. Human Impact on the Atmosphere

- a) carbon dioxide levels
- b) ozone change
- c) pollutants
- d) acid deposition

V. Conclusion

1. Environmental attitudes and action
2. Environmental legislation in Canada
3. Prospects.

Q. METHOD OF INSTRUCTION

The presentation of information will be by means of lectures, discussion groups, films, and slides. Field trips and field work will take place in class time. Some map and lab work will also be included.

R. COURSE EVALUATION

The evaluation will be carried out in accordance with Douglas