Resolution #22 1968-1969

TO: PRESIDENT ALBERT W. BROWN
FROM: THE FACULTY SENATE
Meeting on May 19, 1969

RE: I. Formal resolution (Act of Determination)
II. Recommendation (Urging the fitness of)
III. Other (Notice, Request, Report, etc.)

SUBJECT: Proposed Major in Geography.

Dr. Conrad moved, Mr. Fulton seconded to:
Accept the Proposed Major in Geography as presented.
Motion carried unanimously.

Signed W. Dedman
Date Sent: 5/27/69
(For the Senate)

To: THE FACULTY SENATE
From: PRESIDENT ALBERT W. BROWN

RE: I. DECISION AND ACTION TAKEN ON FORMAL RESOLUTION
   a. Accepted. Effective Date 5/19/69
   b. Deferred for discussion with the Faculty Senate on
   c. Unacceptable for the reasons contained in the attached explanation

   II, III.
   a. Received and acknowledged
   b. Comment:

DISTRIBUTION: Vice-Presidents:
Others as identified:

Distribution Date:
Signed: President of the College

Date Received by the Senate: 6/4/69
1. Introduction and Rationale

Although several traditions can be identified in the study of geography, basically all academicians in the field share a common goal. They are interested in discovering, describing, and accounting for the location, distribution, and spatial association of things as they occur on the face of the earth as a whole, or in any part of it. There appears to be general agreement that the basic generalizations, principles, models, and theories that form the body of knowledge of modern geography can be introduced in terms of four major organizing concepts: the concept of relative location, the concept of distribution, the concept of areal differentiastics, and the concept of spatial interaction. Certain fundamental generalizations having wide applicability have been, or are being, developed in terms of each of these abstractions.

A well balanced program in modern geography will provide the student in liberal education with basic facts, necessary skills, and an appropriate conceptual frame of reference, including the understanding that most phenomena in any area are spatially associated and interdependent. In essence, such a program will effectively demonstrate that the seemingly infinite variety of phenomena on the earth's crust are capable of orderly description and rational explanation.

Majors in geography prepare to assume professional duties in various branches of government and business, where there is brisk demand for persons capable of analyzing the distribution of resources, economic development, urban functions, and production potentials to mention a few. Then too, courses in geography are commonly required of students who are preparing to enter the teaching profession and urban planning.
II. The Geography Major (B.A. or B.S. Degree)

A. Credit Requirements

1. Total Requirements: one hundred twenty (120) semester hours.

2. Liberal Arts Requirements

a. B.A.: Ninety (90) semester hours (including 45 hour core)

b. B.S.: Seventy-five (75) semester hours (including 45 hour core)

3. Major: Minimum of thirty (30) semester hours in Geography including the following course requirements:

a. GEO 202 Physical Geography

b. Two of the following systematic courses:
   GEO 311 Economic Geography
   GEO 310 Principles of Political Geography
   GEO 413 Urban Geography

c. Two regional Geography courses

B. Additional Requirements and Recommendations

1. At least fifteen (15) semester hours of the Geography major will be selected from the upper academic (300 or 400) levels.

2. The student's advisor will recommend courses supportive to the Geography major. Such recommendations will be based on the direction in which the student's interest and capabilities lie.

III. Facilities and Equipment

Currently, the Department of Geography has the following facilities and equipment available to support the proposed major in geography:

1. A light table and drafting equipment for the construction of maps.

2. Adequate faculty and secretarial office space.

3. Access to all recent U.S.G.S. maps. The U.S.G.S. recently selected State University College at Brockport as a map depository.

4. Three well-equipped classrooms with a fourth room to be converted into a cartographic and quantitative techniques laboratory.

5. A complete set of aerial mosaic for the State of N. Y. This set alone
SAMPLE PROGRAM SEQUENCE FOR GEOGRAPHY MAJOR

First Semester
- Introduction to Geography —— 3
- (Science Core)
- Communication Arts —— 3
- General Biology, Psychology, or Mathematics —— 3
- Foreign Language or Humanities Course —— 3
- Elective —— 3
- Physical Education

15 Hrs

Second Semester
- Physical Geography —— 3
- (Science Core)
- Communication Arts —— 3
- Social Science —— 3
- Foreign Language or Humanities Course —— 3
- Elective —— 3
- Physical Education

15 Hrs

Third Semester
- Economic Geography or Principles of Political Geography —— 3
- Geography —— 3
- Social Science —— 3
- Fine Arts —— 3
- General Biology, Psychology, or Mathematics —— 3
- Foreign Language or Humanities Course —— 3
- Physical Education

15 Hrs

Fourth Semester
- Economic Geography, Principles of Political Geography, or Urban Geography —— 3
- Geography —— 3
- Social Science —— 3
- Fine Arts —— 3
- Physical Geology or Intro. to Computer Programming —— 3
- Foreign Language or Elective —— 3
- Physical Education

15 Hrs

Fifth Semester
- Geography of North America, Latin America, New York State, Europe, Problems of East European Geography, or the U.S.S.R. —— 3
- Additional Upper Division Geography Course —— 3
- Electives (3) —— 9

15 Hrs

Sixth Semester
- Geography of North America, Latin America, New York State, Europe, Problems of East European Geography, or the U.S.S.R. —— 3
- Geography Courses —— 6
- Mathematics 443 — Elementary statistics —— 3
- Electives (3) —— 9

15 Hrs

Seventh Semester
- Upper Division Geography Courses —— 6
- Electives (3) —— 9

15 Hrs

Eighth Semester
- Upper Division Geography Courses —— 6
- Electives (4) —— 12

15 Hrs

Total 120 hours plus Physical Education — Geography 30 hours.

* Up to 12 hours of electives can be taken in a language leading to a Bachelor of Arts Degree if so desired.

**Electives in fifth through eighth semesters would place emphasis on courses to satisfy College requirements for an academic minor.
with a rapidly growing number of specific aerial photographs of the State will provide a basic research tool for the physical, urban, and economic analysis of the State.

6. A rapidly growing number of topographic maps encompassing large areas of the United States.

7. All the necessary surveying and other pertinent equipment needed for field mapping and analysis of field-collected data.

IV. Staff

Rounage, Kenneth W. - Professor, Chairman of Department

Degree Held:

Pennsylvania State University                   B.A.  1947  Business Administration
Pennsylvania State University                   M.S.  1949  Geography
University of California at Los Angeles        Ph.D.  1956  Geography

Specialties and other Relevant Information:


Mackun, Stanley - Professor

Degree Held:

Bridgewater State College                       B.S.  1953  Education
Clark University                                  M.A.  1955  Geography
University of Michigan                           Ph.D.  1964  Geography
IV. continued Staff

Specialties and other Relevant Information:

Geography of Eastern Europe and the Soviet Union. Excellent reading and speaking knowledge of Polish and Russian. Resident of Poland the former Polish territory presently included in the U.S.S.R. during the period 1927-1946. Recent Travel: Western Europe (Summer - 1963), Greece and Yugoslavia (Summer - 1966), a Seminar for the Exploration of Geographic Problems in Eastern Europe to be held at State University College at Brockport (Fall - 1969). Four or five eminent East European Geographers will each spend two weeks at Brockport. Professional Affiliations: Association of American Geographers and the American Geographical Society.

VanDuzer, Edward P. - Professor

Degrees Held:

Central Connecticut State College  B.S.  1956  Education
State University of Iowa  M.A.  1959  Geography
State University of Iowa  Ph.D.  1962  Geography

Specialties and other Relevant Information:


Tannenhill, Patsy A. - Instructor

Degrees Held:

Valparaiso University  A.B.  1962  Geography
University of Rochester  A.M.  1963  Education

Specialties and other Relevant Information:

IV. - continued Staff

Woods, Edmund B. - Assistant Professor

Degrees Held:

University of Utah B.S. Geography
State University of Iowa M.A. Geography
State University of Iowa (Ph.D. anticipated - Fall - 1969)

Specialties and other Relevant Information:

Physical geography - morphometric analysis of landforms, field techniques. Considerable technical experience: Aero-Service Corporation (photo-laboratory operations for aerial photography), California Oil Company (research in photogeologic interpretation and mapping by photogrammetric methods), etc. Professional Affiliations: Association of American Geographers and Gamma Theta Upsilon.
V. Description of Courses:

GGR 201 Introduction to Geography

Chief purposes are: (1) to present geography as a study of the relationships between man and his environment; (2) to give a foundation of geographic facts and geographic principles; (3) to acquaint the student with geographic tools and their uses; (4) to introduce, through supplementary readings, the literature of geography; (5) to develop an interest in the subject which will lead to further study.

3 Semester Hours

GGR 202 Physical Geography

A systematic treatment of the physical variables and their spatial distribution with emphasis on qualitative and quantitative approaches to the study and analysis of landforms, climate, soils and vegetation.

3 Semester Hours

GGR 300 Field Techniques

Operation of field instruments, collection of field data, sampling procedures, and analysis of geographic data.

3 Semester Hours

Prerequisite: GGR 341, or consent of Instructor

GGR 311 Economic Geography

A systematic analysis of the distribution of economic activities on the earth including an introduction to some basic conceptual models employed in the field.

3 Semester Hours

GGR 313 Principles of Political Geography

A systematic and regional analysis of the spatial structure and growth of political units with emphasis on internal political differentiation, administration, regionalism, nationalism and political boundaries.

3 Semester Hours
GCR 321 Geography of North America

A survey of the physical and social elements of the continent of North America, together with a brief outline of its economic development.

3 Semester Hours

Prerequisite: GCR 201, or 202, or consent of Instructor

GCR 331 Geography of Latin America

Spatial arrangements of selected economic, social, political, and physical phenomena in Latin America. Geographical foundations of selected major problems in Latin America.

3 Semester Hours

GCR 341 Landforms and Soils of the United States

Consideration of recent trends in landform geography, qualitative and quantitative techniques, and a regional survey of the major landform and soil divisions of the contiguous United States.

3 Semester Hours

Prerequisite: GCR 202, or consent of Instructor

GCR 399 Independent Study in Geography

Arranged in consultation with the professor-sponsor and in accordance with the procedures of the office of Independent Study prior to registration.

3 Semester Hours

GCR 413 Urban Geography

Analyzes the areal distribution of cities and their associated phenomena with a view to understanding the problems of modern city planning.

3 Semester Hours

GCR 414 Advanced Political Geography

Objectives, scope, and methodology of political geography.

3 Semester Hours

Prerequisite: GCR 313 or consent of Instructor
GGR 415 Location Theory of Economic Activity

Designed to acquaint the student with the theoretical and empirical models which attempt to explain the complex distributional patterns of economic activity.

2 Semester Hours

Prerequisite: GGR 311, or consent of Instructor

GGR 416 Geographical Concepts

Designed to acquaint students with geography as a fundamental research discipline which can contribute to their understandings of the physical world and human society.

3 Semester Hours

GGR 423 Geography of New York State

An application of the principles and relationships of geography to the habitat and activities of the people of the State. Emphasis on the principal environmental and social factors responsible for the present development and leadership of New York State.

2 Semester Hours

GGR 431 Geography of Europe

An analysis of Europe's regional complexity, with emphasis upon the explanation of the distribution of economic, political and social activities and institutions.

3 Semester Hours

GGR 435 Problems of East European Geography

A detailed study of the spatial variations and interaction of physical environments and human resources with the emphasis upon economic, cultural, and political problems of East European nations.

3 Semester Hours
GCR 441 Geography of Asia
Location and spatial arrangements of selected economic, social, physical, and political phenomena in Asia, excluding the U.S.S.R.

3 Semester Hours

GCR 442 Historical Geography of the United States
An analysis of the patterns of cultural development during selected periods in United States history as they reflect natural and cultural variables.

3 Semester Hours

GCR 461 Geography of the U.S.S.R.
A systematic study of the areal distribution and spatial interaction of the natural and cultural resources of the leading Communist nations.

3 Semester Hours

GCR 481 Teaching of Geography
Designed to equip teachers and prospective teachers with the basic approaches and techniques of teaching related to geography.

3 Semester Hours

Prerequisite: GCR 201 or 202 and/or consent of Instructor

GCR 491 Seminar: Geography of Eastern Europe
A geographical inquiry into the interaction of physical and cultural resources of Eastern Europe to be followed by a three week field reconnaissance study of a country chosen from Eastern Europe. Summer Session Only.

6 Semester Hours

Prerequisite: GCR 201, or 202, and 311 or permission of Instructor

GCR 499 Independent Study in Geography
Arranged in consultation with the professor-sponsor and in accordance with the procedures of the office of Independent Study prior to registration.

3 Semester Hours
VI. Library Holdings

A wide diversity of reference books, periodicals, and texts are now available in the library. There are approximately 1250 books that are directly germane to systematic and regional geography, including the index to Geographical Literature. Currently, the library houses another 1000 or so books of a more general nature dealing with such topics as travel, exploration, etc. In addition, the library contains such necessary U. S. Government publications as the Census of Manufacturing, Agriculture, and Population.

Library Holdings: Periodicals

Periodicals Exclusively Geographic:

Association of American Geographers, Annals

Australian Geographical Studies

Canadian Geographical Journal

Canadian Geographer

Ceylon Geographer

Current Geographical Publications

Czasopismo Geograficzne

Deccan Geographer

Economic Geography

Erde Zeitschrift Der Gesellschaft Fur Erdkunde Zu Berlin

Vol. 17, 1927
Vol. 6, 1968
Vol. 63, 1951
Vol. 10, 1966
Vol. 13, 1964
Vol. 23, 1960
Vol. 37, 1966
Vol. 6, 1967 (Inc.)
Vol. 1, 1925
Vol. 99, 1953
Focus

Geography

Geographica Polonica

Geographical Abstracts A: Geomorphology

Geographical Abstracts B: Biogeography and Climatology

Geographical Abstracts C: Economic Geography

Geographical Abstracts D: Social Geography and Cartography

Geographical Journal - Royal Geographical Society

Geographical Magazine

Geographical Review

Geographical Review of India

Geography

Geoscience Abstracts

Geoscience News

Geotimes

Vol. 4, 1953

Vol. 4, 1965

Vol. 10, 1966

Vol. 1, 1968

Vol. 1, 1968

Vol. 1, 1968

Vol. 132, 1968

Vol. 37, 1964

Vol. 1, 1926

Vol. 28, 1966

Vol. 53, 1968

Vol. 1-8, 1959-1966

Vol. 1, 1967

Vol. 1, 1956
IGU Newsletter  
Institute of British Geographers. Transactions  
Journal of Geography  
Journal of Regional Science  
Journal of Tropical Geography  
Monthly Climatic Data for the World  
National Geographic Magazine  
New Zealand Geographer  
New Zealand Geographical Society - Record of the Proceedings of the Society and its Branches  
Prasobad Geografiya  
Referativnyi Zhurnal Geografii  
Scottish Geographical Magazine  
Soviet Geography Review and Translation  
Weather  
Weatherwise
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<td>Africa</td>
<td>Vol. 35, 1965</td>
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<td>Africa Digest</td>
<td>Vol. 12, 1965</td>
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<td>Africa Report</td>
<td>Vol. 6, 1961</td>
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<td>African Abstracts</td>
<td>Vol. 19, 1968</td>
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<td>African Affairs</td>
<td>Vol. 1, 1901 (Inc.)</td>
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<td>Air Water Pollution Report</td>
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<td>American Behavioral Scientist</td>
<td>Vol. 1, 1957</td>
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<td>American City</td>
<td>Vol. 64, 1949</td>
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<td>American Fisheries Society. Miscellaneous Publication</td>
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<td>American Fisheries Society. Special Publication</td>
<td>1966</td>
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<td>American Fisheries Society. Transactions</td>
<td>Vol. 79, 1945</td>
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American Institute of Planners Journal  Vol. 34, 1958
American Journal of Agricultural Economics  Vol. 50, 1958
American Meteorological Society Bulletin  Vol. 43, 1952
American Pan American Union  Vol. 1, 1949
Asia  1964
Asian Survey  Vol. 3, 1963
Behavior Science Notes  Vol. 1, 1966
Behavioral Science  Vol. 1, 1956
Bibliography of Agriculture  Vol. 28, 1954 (Inc.)
Bulgaria Today  Vol. 17, 1958
Bulletin of Hispanic Studies  Vol. 43, 1966
Canada Fisheries Research Board of Canada Journal  Vol. 25, 1958
Central Asian Review  Vol. 15, 1967
China Quarterly  Vol. 15, 1954
China Reconstructs  Vol. 15, 1966
Commercial Fisheries Abstracts  Vol. 20, 1967
Communist Affairs
Contemporary Japan
Contemporary Poland
Current Bibliography on African Affairs
New Series
Current Digest of the Soviet Press
Earth Science Reviews
Eastern European Economics
Ecological Monographs
Ecological Society of America Bulletin
Ecology
Economic Development and Cultural Change
Environmental Science and Technology
European Community
Far Eastern Economic Review
Foreign Affairs
Free China Weekly
Geophysical Abstracts
Vol. 1, 1962
Vol. 27, 1961
Vol. 1, 1967
Vol. 1, 1968
Vol. 6, 1954 (Inc.)
Vol. 1, 1966
Vol. 6, 1967
Vol. 1, 1931 (Inc.)
Vol. 49, 1968
Vol. 26, 1946
Vol. 1, 1952
Vol. 1, 1967
1964
Vol. 42, 1953
Vol. 3, 1924
Vol. 2, 1964
Vol. 250, 1967
Harvard Journal of Asiatic Studies  
Vol. 23, 1960

India News  
Vol. 9, 1960

Inter-American Economic Affairs  
Vol. 18, 1965

International Affairs  
Vol. 1, 1922

International Affairs Moscow  
1968

International Commerce  
Vol. 65, 1961

International Economic Review  
Vol. 9, 1968

International Social Science Journal  
Vol. 1, 1949

Islamic Quarterly  
Vol. 12, 1968

Journal of Applied Behavioral Science  
Vol. 1, 1965

Journal of Applied Ecology  
Vol. 1, 1964

Journal of Asian History  
Vol. 1, 1967

Journal of Asian Studies  
Vol. 1, 1942

Journal of Conflict Resolution  
Vol. 10, 1966

Journal of Ecology  
Vol. 29, 1941

Journal of Forestry  
Vol. 47, 1949
Journal of Geophysical Research

Vol. 73, 1968

Journal of Hellenic Studies

Vol. 40-56, 1920-1966

(Inc.)

Journal of Inter American Studies

Vol. 7, 1965

Journal of International Affairs

Vol. 20, 1966

Journal of Modern African Studies

Vol. 1, 1963

Journal of Near Eastern Studies

Vol. 27, 1966

Journal of Soil and Water Conservation

Vol. 22, 1967

Journal of Southeast Asian History


Journal of the Atmospheric Sciences

Vol. 22, 1965

Latin American Research Review

Vol. 1, 1965

Middle East Journal

Vol. 1, 1947

Modern Asian Studies

Vol. 1, 1967

New Studies: A Guide to Recent Publications in

the Social and Behavioral Sciences

1966

Pacific Affairs

Vol. 1, 1928

Pan American Union Bulletin

Vol. 70-82, 1936-1948

Peking Review

Vol. 5, 1962
Polish Review
Population Bulletin
Population Index
Population Studies
Posnaj Societ
Russian Review
Scandinavian Studies
Slavic Review
Slavonic and East European Review
Social Forces
Social Problems
Sovetskaia Kultura
Sovetskoe Slavianovedenie
Soviet Review
Soviet Studies
Survey London Journal of Soviet and East European Studies
Ukrainian Quarterly  Vol. 22, 1966


Urban Affairs Quarterly  Vol. 1, 1965

Urban Review  Vol. 1, 1966

World Fisheries Abstracts  Vol. 19, 1968