GENERAL BUSINESS
AND BUSINESS LAW

Department of Finance
The Eli Broad College of Business
and The Eli Broad Graduate
School of Management

395. Law, Public Policy, and Business
Fall, Spring, Summer. 3(3-0) R: Open only to
juniors or seniors. Not open to students with credit
in GBL 395H.
Structure of the legal system. Basic concepts of
constitutional law, torts, contracts, and product
liability. Administrative law and government
regulation of business.

395H. Law, Public Policy, and Business—Honors (W)
Fall. 3(3-0) P: Completion of Tier I writing re-
Quirement. R: Open only to juniors or seniors in
the Honors College. Not open to students with credit
in GBL 395.
Structure of the legal system and basic concepts of
constitutional law, torts, contracts, and product
liability. Administrative law and government
regulation of business.

420. Role of Law and Lawyers in Society (W)
Fall, Spring, Summer. 3(3-0) P: (GBL 395 or GBL 395H)
and completion of Tier I writing requirement. R: Open
to seniors or approval of department.
Law and its relationship to economics, business,
and social justice. Comparative law. Legislative and
judicial processes. The role of lawyers. Overview
of legal education.

Genetics—Descriptions of Courses

490. Independent Study
Fall, Spring, Summer. 1 to 3 credits. A student
may earn a maximum of 6 credits in all enroll-
ments for this course. R: (GBL 395 or GBL 395H)
R: Open only to seniors or graduate students.
Approval of department.
Program of observation and work in selected
business firms and government. Supervised inde-
dependent research on selected legal topics.

484. Legal Environment of Business
Fall, Spring. 3(3-0) R: Open only to students in
the Professional Accounting, Master of Business
Administration programs, and to students in
programs for which GBL 484 is a catalog-listed
requirement.
The legal, political, and social environment of
business and the structural framework in which
law functions.

459. Business Legal Environment
Summer. 3(2-0) R: Open only to Master’s students in
the Advanced Management Program.
Critical analysis of government regulation of
business from legal, political, and social perspec-
tives. An examination of moral concepts and
social policy underlying government regulation.

800. Genetics Seminar
Fall, Spring, Summer. 1(1-0) A student may earn
a maximum of 12 credits in all enrollments for
this course.
Critical analysis of current literature. Student
presentations.

835. Eukaryotic Molecular Genetics
Spring. 3(3-0) Interdepartmental with Microbiol-
ology. Administered by Microbiology. P: BCH 462,
ZOL 341. R: Open only to graduate students in
the colleges of Agriculture and Natural Resources,
Engineering, Human Medicine, Natural Science,
Osteopathic Medicine, and Veterinary Medicine.
Gene structure and function in animals, plants,
and fungi. Basic aspects of modern human genet-
ics and the genetic basis for disease. Molecular
genetic analyses. Eukaryotic modeling systems.

841. Chromosome Structure and
Genetics
Spring of even years. 3(3-0) Interdepartmental with Zoology. Administered by Zoology. R: Ap-
plication of department.
Classical and molecular genetics of chromosome
structure and behavior in mitosis and meiosis.
Synapsis and disjunction, exchange, centromeres,
euchromatin, heterochromatin and transposable
A-93
842. Population Genetics, Genealogy and Genomics
Fall. 3(3-0) Interdepartmental with Forestry: Animal Science; Crop and Soil Sciences; Fisheries and Wildlife; and Horticulture. Administered by Forestry. RB: Pre-calculus, basic genetics. Population genetic processes underlying patterns of molecular genetic variation. Genealogical approaches to the study of genetic diversity, phylogenetic reconstruction, and molecular ecology.

851. Molecular Entomology
Fall of odd years. 3(3-0) Interdepartmental with Entomology. Administered by Entomology. Analysis of molecular processes unique to insects, and their potentials for genetic engineering.

880. Laboratory Rotation
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Ph.D. majors in Genetics. Participation in research with faculty members.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to Ph.D. students in Genetics.

GEOGRAPHY GEO

Department of Geography
College of Social Science

113. Introduction to Economic Geography
Fall, Spring. 3(3-0) Spatial distribution of resources, population, enterprise, trade, consumption, and production. Interaction of those distributions at local to global scales.

151. Cultural Geography
Fall. 3(3-0) Systematic approach to the spatial distribution of cultural features, processes, and relationships.

203. Introduction to Meteorology
Fall. 3(3-0) Fundamentals of meteorology. Energy balance, adiabatic processes, horizontal motion, cyclogenesis, and severe weather.

206. Physical Geography
Fall, Spring. 3(3-0) Geographic and functional interrelationships within the physical environment: Earth-sun relationships, weather, climate, soils, vegetation and landforms (terrain characteristics).

206L. Physical Geography Laboratory
Fall, Spring. 1(0-2) P: GEO 206 or concurrently. Geographic aspects of weather, climate, soil, vegetation, and terrain. Interpretation and application of maps and remotely sensed imagery.

211. Introduction to Geographic Information
Fall, Spring. 3(2-2) Principles and methods of spatial data collection, handling, analysis, and display. Introduction to remote sensing, geographic information systems, and cartography. SA: GEO 223, GEO 225

230. Geography of the United States and Canada
Fall, Spring, Summer. 3(3-0) Regional analysis. Evolution and status of environmental, demographic, economic, and sociocultural patterns and processes.

233. Geography of Michigan
Fall of odd years. 3(3-0) Physical and cultural geography of Michigan.

259. Geography of Recreation and Tourism
Fall of even years. 3(3-0) Cultural, physical, and biotic factors affecting the distribution of recreation and tourism resources and participation. U.S. and international examples and case studies.

306. Environmental Geomorphology
Spring. 3(3-0) Relationships of running water, weathering, gravity, ice, waves, wind, and biota (including humans) to terrain and soils. Evolution of landscapes. Classical and modern interpretations.

311. Introduction to Data Analysis for Urban and Regional Planners
Fall. 3(2-2) Interdepartmental with Urban Planning. Administered by Urban Planning. P: CSE 101 or CSE 131; UP 201. Data gathering analysis, information presentation, and basic techniques of urban planning. Application of related computer programs and software.

314. Methods for Investigation of Urban Systems

324. Remote Sensing of the Environment
Fall, Spring. 4(2-4) Features and interpretation methods of remotely-sensed imagery, especially black-and-white and color infrared airphotos. Basic features of radar, thermal, and multispectral imagery. Interpretation for agriculture, archaeology, fisheries, forestry, geography, landscape architecture, planning, and wildlife management. SA: GEO 224

326. Thematic Cartography
Fall. 4(2-4) P: GEO 221. Principles and techniques of map making. Decision making in designing thematic maps. SA: GEO 223

335. Geography of Latin America
Fall. 3(3-0) R: Not open to freshmen. Completion of Tier I writing requirement. Physical and human geography of Latin America. Current development issues, especially people-environment interaction in urban and rural areas. Topics include migration, urbanization, and industrialization.

336. Geography of Europe
Fall of odd years. 3(3-0) R: Not open to freshmen. Completion of Tier I writing requirement. Major regions and nations, including their physical resources, peoples, political structures, and economies.

337. Geography of East Asia
Spring. 3(3-0) R: Not open to freshmen. Completion of Tier I writing requirement. Spatial patterns and processes of physical and human geography in China, Japan, Korea, and Taiwan. Emphasis on development problems, especially since 1950.

338. Geography of Africa
Fall. 3(3-0) R: Not open to freshmen. Completion of Tier I writing requirement. Physical and human geography of Africa. Current development issues, especially people-environment interaction in urban and rural areas. Topics include drought, agricultural patterns, hunger, rural development, migration, and urbanization.

401. Geography of Plants of North America
Spring of even years. 3(3-0) R: Not open to freshmen and sophomores. Geography of Plants in North America with emphasis on the East. Related ecological principles, soils, and post-cretaceous geologic history. Some field instruction.

402. Agricultural Climatology
Fall of even years. 3(3-0) Interdepartmental with Biosystems Engineering. P: MTH 116. R: Not open to freshmen or sophomores. Relationships between climate and agriculture in resource assessment, water budget analysis, meteorological hazards, pests, crop-yield modeling, and impacts of global climate change. SA: AE 492

403. Microclimate and Its Measurement
Fall of odd years. 4(3-3) Interdepartmental with Biosystems Engineering. Administered by Biosystems Engineering. P: MTH 116. R: Not open to freshmen or sophomores. The climate near the Earth’s surface. Energy balance, thermal radiation exchange, heat fluxes, temperature sensors, wind speed and direction, humidity and evapotranspiration and their measurement. SA: ATM 836, GEO 836

404. Synoptic Climatology