The University Curriculum Committee recommends approval of the following:

1. New Courses

**ATMO 203. Weather Forecasting Laboratory.** (0-2). **Credit 1.** Short-range weather forecasting practice; numerical guidance; weather map analysis and discussions. Prerequisite: Concurrent enrollment in ATMO 201.

**ATMO 251. Weather Observation and Analysis.** (2-2). **Credit 3.** Standard and experimental weather observing techniques; subjective and objective analysis; application of conceptual models; simple kinematic and dynamic constraints.

**ATMO 352. Severe Weather and Mesoscale Forecasting.** (2-2). **Credit 3.** Parcel theory for dry and moist convection; sounding diagrams and their application to atmospheric convection; organization of midlatitude convection and severe weather; thunderstorm forecasting. Prerequisites: MATH 172; junior or senior classification.

**ATMO 455. Numeric Weather Prediction.** (2-2). **Credit 3.** Basic principles of computer models of the atmosphere; parameterizations; use and critical evaluation of models and model output. Prerequisites: MATH 308; ATMO 336 or registration therein; junior or senior classification.

**GEOG 325. Geography of Europe.** (3-0). **Credit 3.** Regional geography of European landmass; global, political and cultural characteristics of European geography in historical and ecological contexts. Prerequisite: junior or senior classification.

**GEOG 326. Geography of East Asia.** (3-0). **Credit 3.** Overview of East Asia from physical, social, economic and cultural perspectives; discussions on the roles of East Asia in world affairs and their bilateral ties with the U.S. Prerequisite: junior or senior classification.

**HLTH 214. Health and Physical Activity for Children.** (3-0). **Credit 3.** Coordinated school health and physical activity programs appropriate for elementary aged children; focus on the content of the curriculum and the philosophical underpinnings of programming related to health and physical activity. Prerequisite: KINE 198. Cross-listed with KINE 214.

**IBUS 402. International Marketing: Study Abroad.** (3-0). **Credit 3.** Introduces marketing students to the facets of designing and implementing a marketing strategy in an international setting; provides a traditional classroom experience along with personal exposure to a variety of European cultures; facilitates understanding of the international marketplace in which these students will function. Prerequisites: MKTG 321; junior or senior classification. Cross-listed with MKTG 402.
IBUS 455. Asian Business Environment. (3-0). Credit 3. The scope of business environment of Asia; geographical, demographic and cultural makeup; economic integration; human and cultural elements; financial and communication infrastructures; risk and market analysis; trade and investment patterns; Asian MNC's. Prerequisite: Junior or senior classification.

IBUS 456. European Integration and Business. (3-0). Credit 3. History and institutional structure of the European Union; its regional cultures, values, economies, and rifts; challenges faced by corporations and people in the region, including issues involving doing business with the Union. Prerequisite: Junior or senior classification.


IBUS 458. International Negotiations. (3-0). Credit 3. Skill building strategies and exercises in communication, listening and issue identification; how to negotiate globally; importance of knowing people and cultures; practice and theory of effective negotiation; awareness of diverse constructions of reality and communicating across different groups. Prerequisite: Junior or senior classification.

IBUS 459. Latin American Markets. (3-0). Credit 3. Comparing and contrasting the Latin American, Canadian and U.S. markets across different variables, including culture, economics, social and legal aspects. Prerequisite: Junior or senior classification.

KINE 214. Health and Physical Activity for Children. (3-0). Credit 3. Coordinated school health and physical activity programs appropriate for elementary aged children; focus on the content of the curriculum and the philosophical underpinnings of programming related to health and physical activity. Prerequisites: KINE 198. Cross-listed with HLTH 214.


WFSC 428. Wetland Ecosystem Management. (3-3). Credit 4. Ecosystem approach to the ecology and management of wetlands; emphasis on factors controlling wetland structure and function, characteristics of different wetland types, and applied issues of wetland restoration, creation and delineation. Prerequisite: Junior or senior classification.

2. Course Withdrawals
ATMO 151. Weather Forecasting.

ATMO 206. Atmospheric Science Workshop.

ATMO 326. Environmental Atmospheric Science.

ATMO 425. Methods of Climatological Data Analysis.


ATMO 452. Dynamics of Weather Processes.

ATMO 465. Agricultural Meteorology.

TEFB 325. Middle School Kinesiology.

3. Changes in Courses

ATMO 324. Physical and Regional Climatology.

Course description
From: Climatic causes; temporal and spatial variations of climatic elements; classification and geographical distribution of climates.

To: Climate causes; global and surface energy balance; hydrologic cycle; general circulation; climate change; climate data analysis.

Credit hours
From: (3-0). Credit 3.
To: (2-2). Credit 3.

Prerequisites
From: ATMO 201 and 206; MATH 151; PHYS 218.
To: ATMO 201 and 203; MATH 172; course that satisfies departmental computer science requirement.

ATMO 335. Atmospheric Thermodynamics.

Course description
From: Application of thermostatics to dry, moist and saturated air; stability concepts; model atmospheres.
To: Application of thermodynamics to Earth’s atmosphere; phase changes of water; stability concepts; introduction to physical chemistry.

Prerequisite
From: PHYS 221 or registration therein.
To: CHEM 102; PHYS 219 or 208.

ATMO 336. Atmospheric Dynamics.

Course description
From: Climatic causes; temporal and spatial variations of climatic elements; classification and geographical distribution of climates.

To: Climate causes; global and surface energy balance; hydrologic cycle; general circulation; climate change; climate data analysis.

Credit hours
From: (3-0). Credit 3.
To: (3-2). Credit 4.

Prerequisites
From: ATMO 335; MATH 311.
To: ATMO 335; MATH 311 or registration therein.

ATMO 435. Dynamic Meteorology.

Course title
From: Dynamic Meteorology.
To: Synoptic-Dynamic Meteorology.

Course description
From: Dynamics of synoptic-scale systems; perturbation theory; baroclinic instability; wave energetics; frontogenesis.

To: Dynamics and diagnosis of synoptic-scale systems; perturbation theory and baroclinic instability; wave energetics, frontogenises.

ATMO 446. Physical Meteorology.

Course Description
From: Physics and meteorology of clouds and precipitation; atmospheric electricity; acoustical phenomena; introduction to turbulence and diffusion.

To: Physics and meteorology of clouds and precipitation; atmospheric electricity; radiative transfer.

Prerequisite
   From: ATMO 336.
   To: ATMO 335.

BUAD 301. Mays College and Graduate School of Business.

Course prefix
   From: BUAD 301.
   To: IBUS 301.

GEOG 324. Global Climatic Regions

Course description
   From: Survey climates of the world; spatial and functional relationships among climates, landforms, soils, water and plants; human impact on climates.

   To: Climatological processes and their consequences for spatial distributions of climates; survey of earth’s climates; relationships among climate, landforms, vegetation, soils and humans.

Prerequisite
   From: none.
   To: GEOG 203 or ATMO 201 or approval of instructor.

INFO 301. Business Programming Logic and Design.

Course number
   From: INFO 301.
   To: INFO 250.

Prerequisite
   From: Junior classification in business.
   To: Sophomore classification in business.

Course title
To: Middle and Secondary School Physical Activities.

Course description
From: Physical activities, teaching strategies, media techniques and curriculum in secondary schools.
To: Physical activities, teaching strategies, media techniques and curriculum in middle and secondary schools.

4. Changes in Curriculum

College of Veterinary Medicine
Revision of Third Year of Veterinary Professional Curriculum

New Courses

VLAM 953. Large Animal Clinical Skills. (0-4). Credit 1. Acquisition of basic technical skills useful in the diagnosis and treatment of large animals in general veterinary practice. Modular one month course. Prerequisite: Third year classification in veterinary medicine in good standing.

VLAM 954. Large Animal Medicine. (5-4). Credit 6. Medical disease of large animals; pathophysiology, diagnosis and therapy of diseases in large animals. Prerequisite: Third year classification in veterinary medicine in good standing.

VMID 936. Surgery II. (1-2). Credit 2. Builds on principles developed in Surgery I including aseptic technique, proper use of surgical instruments and gentle tissue handling with emphasis on basic orthopedic principles. Prerequisite: Third year classification in veterinary medicine in good standing.

VMID 953. Clinics II. (0-4). Credit 1. Student participation on a rotating schedule through clinical services in the Veterinary teaching hospital or in a private practice. Prerequisite: Third year classification in veterinary medicine in good standing.
VSAM 953. **Small Animal Clinical Skills.** (0-4). **Credit 1.** Acquisition of basic technical skills useful in the diagnosis and treatment of small animals in general veterinary practice. Modular one month course. Prerequisite: Third year classification in veterinary medicine in good standing.

VSAM 954. **Small Animal Medicine I.** (5-0). **Credit 5.** Medical disease of dogs and cats; pathophysiology, diagnosis and therapy of diseases prevalent in small animals. Prerequisite: Third year classification in veterinary medicine in good standing.

VSAM 955. **Small Animal Medicine II.** (6-4). **Credit 7.** Continuation of Small Animal Medicine I; medical disease of dogs and cats; pathophysiology, diagnosis and therapy of diseases prevalent in small animals.

**Course Withdrawals**

VMID 954. **Medicine.**

VSAM 930. **Advanced Small Animal Medicine.**

**Changes in Courses**

VMID 935. **Surgery.**

  Course title  
  From: Surgery.  
  To: Surgery I.

  Credit hours  
  From: (1-4). Credit 3.  
  To: (2-4). Credit 4.

VMID 952. **Clinics.**

  Course title  
  From: Clinics.  
  To: Clinics I.

  Course description  
  From: Student participation on a rotating schedule through the clinical services in the veterinary teaching hospital.
To: Student participation on a rotating schedule through clinical services in the veterinary teaching hospital; to be taken once in each semester of the third year of the professional veterinary curriculum.

Credit hours
From: (0-8). Credit 2.
To: (0-4). Credit 1.