#### 889 Master's Research

Fall, Spring, Summer. 3 credits. RB: (UP 897 or concurrently) R: Open only to master's students in the Urban and Regional Planning major. Approval of department.

Supervised individual research for Plan B master's program.

#### 890 Independent Study

Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.

Faculty-supervised study in aspects of urban planning

#### Internship in Urban Planning 893

Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.

Supervised individual experience in approved agencies and departments in the Lansing area.

#### 894 **Planning Practicum**

Fall. 4(0-8) RB: (UP 801 and UP 823 and UP 865) R: Open only to second-year master's students in the Urban and Regional Planning major. SA: UP 894A, UP 894B

Professional practice in the collection, analysis and synthesis of information by students or student groups under faculty supervision. Developing solutions to specific urban problems.

## 897

Research Writing Seminar
Fall. 2(2-0) R: Open only to second-year master's students in the Urban and Regional Planning major.

Research writing and presentation methods.

#### 899 Master's Thesis Research

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: (UP 897) or concurrently. R: Approval of department.

Master's thesis research.

# VETERINARY VΜ **MEDICINE**

# **College of Veterinary Medicine**

## Veterinary Medicine in Society 101

Spring. 1(1-0)

Role of the veterinary profession in animal and human health. Impact of veterinary medicine on society.

#### 110 **Veterinary Medical Terminology**

Fall. 1(1-0) R: Open only to Veterinary Technology majors.

Veterinary medical terminology, focusing on fundamental recognition, interpretation and usage of

## **Applied Biochemistry and Nutrients for** 120 Veterinary Technicians

Fall. 2(2-0) R: Open only to Veterinary Technology majors.

Basic fundamentals of cell structure and metabo-Energy metabolism, nutrients and nutrient requirements of common domestic species.

## 130 **Comparative Anatomy for Veterinary Technicians**

Fall. 2(1-2) R: Open only to Veterinary Technology majors.

anatomy of the common animal species encountered in veterinary medicine. Overview of the functional anatomy of the musculoskeletal, digestive, cardiovascular, cutaneous, respiratory, urogenital, nervous, and endocrine systems and the special senses.

## 140 Pharmacology for Veterinary Technicians

Fall. 2(2-0) R: Open only to Veterinary Technology majors.

Fundamentals of characteristics, classification and usage of veterinary pharmaceuticals. Introduction to and application of dosage and formulation calcula-

# **Hospital Procedures and Communication** Spring. 2(2-0) P: (VM 110 and VM 140) R:

Open only to Veterinary Technology majors. Development of various modalities of professional and client communication skills.

# **Veterinary Technology Careers and Professional Development**

Fall. 1(1-0) R: Open only to Veterinary

Technology majors.

Career options in veterinary technology, discussion of professional, ethical and legal considerations. Portfolio development, resume and cover-letter writing skills.

#### 160 **Small Animal Nursing Skills**

Spring. 2(1-3) P: (VM 110 and VM 130 and VM 140) R: Open only to Veterinary Technology majors.

Small animal nursing including principles of restraint, physical examination, medical management techniques, and behavior of common companion animals. Recognition of common canine and feline breeds.

## 165 Large Animal and Laboratory Animal **Nursing Care Techniques**

Fall. 2(1-2) P: (VM 110 and VM 130 and VM 140) R: Open only to Veterinary Technology majors.

Fundamentals of the handling of equine, food animal and laboratory animal species. Breed identification, specimen collection, physical exam, medication administration and other nursing care procedures relevant to the species.

## 170 Hematology and Immunology for Veterinary Technicians

Spring. 2(2-0) P: (VM 110 and VM 120) R: Open only to Veterinary Technology majors. C: VM 175 concurrently.

Structure and function of normal blood cells, cellular and humoral immunity, mechanisms of hemostasis, blood group serology, transfusion medicine and vaccinology.

#### 175 Clinical Pathology Laboratory I for **Veterinary Technicians**

Spring. 1(0-2) P: (VM 110 and VM 120) R: Open only to Veterinary Technology majors. C: VM 170 concurrently.

Veterinary clinical pathology laboratory including diagnostic procedures in hematology, serology and ELISA methodology.

## 176 Clinical Pathology Laboratory II for **Veterinary Technicians**

Fall. 1(0-2) P: (VM 175 and VM 170) R: Open only to Veterinary Technology majors.

Comprehensive veterinary clinical pathology laboratory, including diagnostic procedures in urology, dermatology, cytology, and advanced methods in hematology

## 210 **Surgical Nursing for Veterinary** Technicians

Fall. 2(2-0) P: (VM 160) R: Open only to Veterinary Technology majors. C: VM 215 concurrently, VM 303 concurrently.

Role of the veterinary technician as a member of the veterinary surgical team.

## 215 **Surgical Nursing and Anesthetic Management Laboratory**

Fall. 1(0-4) R: Open only to Veterinary Technology majors. C: VM 210 concurrently, VM 303 concurrently.

Principles and techniques in veterinary surgical nursing and anesthesia.

# **Parasitology for Veterinary Technicians**

Spring. 2(1-2) P: (VM 140 and VM 175) RB: (VM 250) R: Open only to Veterinary Technology majors.

Parasites of veterinary and public health importance, including gross and microscopic morphology, transmission, and control.

# **Veterinary Comparative Clinical** 250

Physiology Spring. 5(5-0) P: (VM 110 and VM 120 and VM 130) R: Open only to Veterinary Technology majors.

Function, regulation and integration of organs and organ systems of common domestic species. Concepts with clinical relevance.

## 255 **Small Animal Diseases and Management** Fall. 3(3-0) P: (VM 160 and VM 170 and VM

250) R: Open only to Veterinary Technology majors.

Pathophysiology, transmission, diagnostic process, clinical management and prevention of canine and feline diseases.

#### 265 **Dentistry Techniques for Veterinary** Technicians

Spring. 1(0-4) P: (VM 215) R: Open only to Veterinary Technology majors.

Veterinary dental techniques and oral cavity assessment for companion animals.

## 270 **Health Care Development for Veterinary Technicians**

Spring. 1(0-3) P: (VM 210 and VM 215 and VM 255) R: Open only to Veterinary Technology majors.

Service-oriented approach to the health care development in an operational animal care facility.

## **Large Animal Diseases and Management** Spring. 3(3-0) P: (VM 165 and VM 170 and VM 250) R: Open only to Veterinary Technology majors.

Diseases, husbandry, preventative health care and client education for equine and food animal species.

## 285 Clinical Nutrition for Veterinary **Technologists**

Fall. 1(1-0) P: (VM 250) R: Open only to Veterinary Technology majors.

Nutritional assessment and management of common domestic species in veterinary medicine.

#### 290 **Special Studies in Veterinary Medicine**

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Pre-Veterinary and Veterinary Technology majors.

Faculty-directed individual study on an experimental, theoretical or applied problem. May involve a supervised off-campus experience.

## 295 Biomedical Research and Regulatory

Issues for Veterinary Technologists
Fall. 1(1-0) P: (VM 150) R: Open only to Veterinary Technology majors.

Principles and techniques of biomedical research, governance and regulation of animal care and use.

## 303 **Anesthesiology for Veterinary**

**Technicians**Fall. 2(2-0) P: (VM 140 and VM 250) R: Open only to Veterinary Technology majors. C: VM 215 concurrently, VM 210 concurrently.

Pharmacologic action of preanesthetic and anesthetic drugs. Principles and techniques of induction, maintenance, monitoring, and recovery of the patient. Humane methods of euthanasia.

#### 304 Radiology for Veterinary Technicians

Spring. 2(2-0) P: (VM 110 and VM 130) R: Open only to Veterinary Technology majors.

Production of radiographs, components of the x-ray machine, use of screens and grids, handling film, imaging quality, film processing, patient positioning, and radiation safety.

## 305 **Hospital Practice Management for Veterinary Technologists**

Spring. 2(2-0) P: (VM 150 and VM 155) R: Open only to Veterinary Technology majors. Veterinary practice economics, personnel management, inventory control and marketing techniques.

## 310 **Advanced Clinical Pathology Techniques** Spring. 1(0-2) P: (VM 175 and VM 176) R:

Open only to Veterinary Technology majors. Advanced cytologic techniques including sample collection, processing and evaluation.

#### 369 Introduction to Zoo and Aquarium Science

Spring. 3(3-0) Interdepartmental with Zoology; Landscape Architecture; Fisheries and Wildlife. Administered by Department of Zoology. P: (BS 110 or LBS 144 or LBS 148H) Fundamentals of zoo and aquarium operations

including research, interpretation, design, nutrition, captive breeding, conservation, ethics and man-

## Veterinary Technology Clerkship in 410 Anesthesiology

Fall, Spring, Summer. 3 credits. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in anesthesiology.

# Veterinary Technology Clerkship in Radiology

Fall, Spring, Summer. 3 credits. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in radiology.

## 412 Veterinary Technology Clerkship in **Companion Animal Medicine**

Fall, Spring, Summer. 3 credits. P: (VM 270 and VM 275 and VM 303 and VM 304) R: Open only to Veterinary Technology Majors who have completed the preclinical course-

Application of principles and techniques in restraint, examination, nursing care, monitoring, and preventive medicine of companion animals.

# Veterinary Technology Clerkship in Companion Animal Surgery 413

Fall, Spring, Summer. 3 credits. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in surgical

# Veterinary Technology Clerkship in **Equine Medicine and Surgery**

Fall, Spring, Summer. 3 credits. P: (VM 415) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in equine medicine and surgery.

## Veterinary Technician Clerkship in Food 415 Animal and Equine Medicine and Surgery

Fall, Spring, Summer. 3 credits. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in food animal and equine medicine and surgery.

## 450 Veterinary Technology Clerkship in **Emergency Medicine**

Fall, Spring, Summer. 3 credits. 412) RB: (VM 410 and VM 411 and VM 413) Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in emergency medicine.

## 451 Veterinary Technology Clerkship in Cardiology

Fall, Spring, Summer. 3 credits. P: (VM 412) RB: (VM 410 and VM 411 and VM 413) Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in cardiology.

## 452 Veterinary Technology Clerkship in Neurology

Fall, Spring, Summer. 3 credits. P: (VM 412) RB: (VM 410 and VM 411 and VM 413) Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in neurology and physical therapy.

## 453 Veterinary Technology Clerkship in Ophthalmology

Fall, Spring, Summer. 3 credits. P: (VM412 and VM 413) RB: (VM 410) Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in ophthal-

## 454 Veterinary Technology Clerkship in **Critical Care**

Fall, Spring, Summer. 3 credits. P: (VM 412) RB: (VM 410 and VM 411 and VM 413) Completion of preclinical coursework. R:

Open only to Veterinary Technology majors.

Application of principles and techniques in critical

## 466 Veterinary Technology Clerkship in Large Animal Anesthesia

Fall, Spring, Summer. 3 credits. P: (VM 410 and VM 415)) RB: Completion of preclinical coursework. R: Open only to Veterinary
Technology majors. SA: VM 460, VM 472
Application of principles and techniques of food

animal and equine anesthesiology.

470 Veterinary Technology Clerkship in Food

# **Animal Medicine**

Fall, Spring, Summer. 3 credits. P: (VM 415) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in food animal medicine.

# Veterinary Technology Clerkship in Clinical Pathology Fall, Spring, Summer. 3 credits. P: (VM 270

and VM 275 and VM 303 and VM 304) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in clinical

pathology.

## 482 Veterinary Technology Clerkship in Necropsy

Fall, Spring, Summer. 3 credits. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in postmortem examination of common domestic species with emphasis on specimen description, collection, and

## Veterinary Technology Clerkship in 483 Biomedical Research

Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: (VM 410 and VM 482) Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in biomedical research involving laboratory animals.

## 484 Veterinary Technology Clerkship in Zoo and Wildlife Medicine

Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: (VM 410) Completion of preclinical coursework. R: Open only to Veterinary Technol-

Application of principles and techniques in zoo and wildlife medicine.

## 485 Veterinary Technology Clerkship in Special Problems

Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (VM 302) R: Open only to senior students in the Veterinary Technology major.

Application of principles and techniques in experimental, therapeutic, or laboratory medicine.

## 486 Veterinary Technology Clerkship in Clinical Parasitology

Fall, Spring, Summer. 3 credits. P: (VM 245) RB: Completion of preclinical coursework. R: Open only to Veterinary Technology majors.

Application of principles and techniques in clinical parasitology.

#### 490 Veterinary Technology Clerkship in Special Problems

Fall, Spring, Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (VM 270 and VM 275 and VM 303 and VM 304) RB: Completion of the didactic core curriculum. R: Open only to Veterinary Technology maiors.

Application of principles and techniques in experimental, therapeutic, or laboratory medicine.

Veterinary Perspectives I
Fall. 2(1-2) R: Open only to graduateprofessional students in College of Veterinary Medicine.

Animal handling, restraint, and physical examina-

## 512 Veterinary Integrative Problem Solving I

Fall. 1(1-0) R: Open only to graduateprofessional students in College of Veterinary Medicine.

Integration of subject material from concurrent semester courses

#### 521 **Veterinary Perspectives II**

Spring. 2(2-0) R: Open only to graduateprofessional students in College of Veterinary Medicine. Not open to students with credit in VM 590.

Veterinary medical history and ethics. Client communication and animal behavior.

## 522 **Veterinary Integrative Problem Solving II** Spring. 3(3-0) R: Open only to graduateprofessional students in College of Veteri-

nary Medicine.

Integration of subject material from concurrent and previous semester courses.

# Veterinary Integrative Problem Solving III 532

Fall. 3(1-4) R: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.

Integration of subject material from concurrent and

previous semester courses.

#### 533 **Veterinary Epidemiology**

Fall. 3(3-0) RB: Completion of semester 2 of the graduate-professional program in the college of Veterinary Medicine. Not open to students with credit in VM 549.

Basic epidemiologic theory and study design. Veterinary descriptive and inferential biostatistics. Production veterinary medicine.

#### **Veterinary Perspectives III** 541

Spring. 2(2-0) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 602.

Concepts and principles of veterinary practice management.

# 542

Veterinary Integrative Problem Solving IV Spring. 3(2-3) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.

Integration of subject material from concurrent and previous courses.

#### 543 Cardiovascular Diseases

Spring. 2(2-0) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.

Cardiovascular diseases of domestic animals. Pathogenesis, diagnosis, and treatment.

#### Veterinary Public Health 544

Spring. 2(2-0) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine.

Veterinary environmental and occupational and public health. Milk and meat hygiene. Control of zoonotic diseases

#### **Principles of Anesthesia and Surgery** 545

Spring. 4(3-2) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 570 or VM 578.

Administering anesthetic agents. Fundamentals of surgery: sterile technique, tissue handling, suture patterns, wound healing, postoperative care.

# **Musculoskeletal Diseases**

Spring. 5(5-0) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 582 or VM 592.

Musculoskeletal diseases of domestic animals. Pathogenesis, diagnosis, and treatment.

# **Respiratory Diseases**

Spring. 2(2-0) RB: Completion of semester 2 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 574.

Respiratory diseases of domestic animals. Pathogenesis, diagnosis, and treatment.

# Veterinary Integrative Problem Solving V

Fall. 3(2-3) RB: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine.

Integration of subject material from concurrent and previous semester courses.

# Theriogenology and Urinary Diseases

Fall. 5(4-2) RB: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 560 or VM 580.

Urogenital diseases of domestic animals. Pathogenesis, diagnosis, and treatment.

## 554 Hematological, Oncological and **Dermatological Diseases**

Fall. 3(3-0) RB: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 562 or VM 568.

Hematological, oncological and dermatological diseases of domestic animals. Pathogenesis, clinical presentation, diagnosis and treatment.

## 555 **Neurological and Ophthalmological** Diseases

Fall. 3(3-0) RB: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 563 or VM 566.

Neurological and ophthalmological diseases of domestic animals. Pathogenesis, diagnosis, and treatment

## 556 Digestive, Metabolic and **Endocrinological Diseases**

Fall. 5(5-0) RB: Completion of semester 4 of the graduate-professional program in the College of Veterinary Medicine. Not open to students with credit in VM 540 or VM 576 or

Digestive, metabolic, and endocrinological diseases of domestic animals. Pathogenesis, diagnosis, and treatment.

#### 557 **Operative Surgery**

Operative Surgery
Fall. 2(1-3) RB: Completion of semester 4 of
the graduate-professional program in the
College of Veterinary Medicine. Not open to
students with credit in VM 578 or VM 588 or VM 596.

Soft tissue and orthopedic surgery of domestic animals: preoperative evaluation, surgery, and postoperative care.

# Veterinary Externship

Fall, Spring, Summer. 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: Completion of 5 semesters of the graduate-professional program in the College of Veterinary Medicine.

Clinical or research experience in an off-campus setting.

#### 690 Special Problems in Veterinary Medicine

Fall, Spring. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Veterinary Medicine.

Individual study directed by a faculty member on an experimental, theoretical, or applied problem. May involve off-campus experience in a preceptorial

#### 692 Career Development and Business Skills

Spring. 3 credits. RB: Open only to graduate-professional students who have completed semester 5 of the graduate professional program in the College of Veterinary

Development of leadership, business and interpersonal skills, career planning, and goal setting.

## 810 Food Safety Introduction and Professional Management

Fall, Spring, Summer. 2 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. RB: One year of college level science including one semester of microbiology. R: Open only to students in the Master of Science degree in Food Safety or approval of college.

Various food safety topics. Organizational, managerial, leadership and communication skills.

# **Evolution and Ecology of Foodborne Pathogens**

Spring. 3 credits. R: Open only to students in the Master of Science degree in Food Safety or approval of college.

Evolution of foodborne pathogens. Ecology of microbial organisms found in the food chain from introduction through human consumption.

# 812

Food Safety Toxicology
Spring. 3 credits. R: Open only to students in the Master of Science degree in Food Safety or approval of college.

Nature and properties of toxic substances through the food chain. Nature and magnitude of hazards to human health.

#### 813 **Special Studies in Food Safety**

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Open only to students in the Master of Science degree in Food Safety or approval of college.

Faculty supervised independent study on an experimental, theoretical or applied project. involve on-campus or off-campus experience.

# Applied Project in Food Safety

Fall, Spring, Summer. 6 credits. P:M: (VM 810) R: Open only to students in the Master of Science degree in Food Safety or approval of college.

Faculty directed student project.

#### 818 The Epidemiology of Zoonotic Diseases

Spring of odd years. 3(3-0) Interdepartmental with Epidemiology. Administered by Department of Epidemiology. RB: (EPI 810) R: Open only to master's students in the Epidemiology major or approval of department.

Human susceptibility to diseases of animals. Modes of transmission, surveillance, and strategies for prevention of specific zoonotic diseases.

## **Current Topics in Comparative Medicine** and Integrative Biology

Spring. 1 to 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: Enrollment in graduateprofessional program or graduate program in the biomedical sciences.

Topics in comparative medicine using recently published literature to illustrate concepts.

#### 828 **Food Safety Seminar Series**

Fall, Spring. 1(1-0) Interdepartmental with Agriculture and Natural Resources; Natural Science; Social Science. RB: Enrollment in graduate program in related discipline

Selected current topics covering the broad areas of food safety as they relate to production, processing, transport, microbiology, toxicology, and social and human dimensions.

#### 829 **Problems in Food Safety**

Fall. 1(1-0) Interdepartmental with Agriculture and Natural Resources; Natural Science; Social Science. RB: Enrollment in graduate program in related discipline

In-depth discussion of selected problems in food safety.

#### 899 Master's Thesis Research

Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 18 credits in all enrollments for this course.

Masters thesis research.

#### 999 **Doctoral Dissertation Research**

Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course.

Doctoral dissertation research.

#### WOMEN'S STUDIES WS

# Women's Studies Program College of Arts and Letters

#### 201 Introduction to Women's Studies

Fall, Spring, Summer. 4(4-0)

Diversity of women's situations in social, cultural, historical and international contexts. Focus on women as victims of oppression and as agents. Concepts basic to feminist thought: gender systems,

#### 202 **Introduction to Contemporary Feminist Theories**

Fall. 3(3-0) P: (WS 201) RB: Or approval of program. R: Not open to freshmen.

Contemporary feminist theories of patriarchy, oppression, liberation, sexuality, and the meaning of woman." Influences of liberalism, Marxism, Freud. Intersections of sex, race, class, and ethnicity. Theories by women of color.

# **Bibliographic Methods for Women's** Studies Research

Fall of odd years. 3(3-0) P: Completion of Tier I writing requirement.

Women's studies as interdisciplinary knowledge. Bibliographic and reference sources. Library organization of information. Research problems.

# Lesbian, Bisexual, and Gay Studies: Psychological and Cultural Issues 204

Spring of odd years. 3(3-0) Interdepartmental with Psychology.

Nature, origins, and development of sexual orientation and sexual identity in the context of personality, culture, and society. Multicultural and feminist perspectives on the relationship between sexual orientation and gender, race, class, ethnicity, and relig-

#### 211 Introduction to Gender and **Environmental Issues**

Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife; Forestry; Environmental Economics and Policy; Resource Development. Administered by Department of Fisheries and Wildlife. R: Not open to freshmen. SA: PRM 211

The concept of gender. Overview of environment and habitat. Historical gender roles in environmental management. Gender-based theoretical perspectives. Case studies on developing and developed countries. Environmental management with emphasis on fisheries, wildlife and wetlands. Women environmental professionals.

# Women and Language

Fall. 3(3-0) Interdepartmental with Linguistics. Administered by Department of Linguistics and Germanic, Slavic, Asian and African Languages.

Women and language in societies around the world. Issues such as status and verbal politeness, importance of names, gender differences in language use, women's multilingualism, sexist language, gendered language development in children.

## 301 Sexual Violence Against Women and Children: Theory and Response

Spring. 3(3-0) RB: (WS 201 Or WS 202 Or WS 203) R: Not open to freshmen.

Sexual violence against women and children from theoretical and applied perspectives. Rape, battering, incest and sexual harassment. Intersection of race, class, gender and violence. Individual and collective strategies to prevent or deter assault, race, class, gender and violence.

## 302 Jewish Women's Experiences and Writings

Fall of even years. 3(3-0) RB: (WS 201 Or WS 202 Or WS 203) R: Not open to freshmen.

Diverse experiences of Jewish women from a multidisciplinary perspective. Gender construction of Jewish and majority women and men. Generations of immigrant Jewish women. Anti-Semitism. Jewish feminism. Political and economic issues.

# **Lesbian Cultures and Identities**

Fall of even years. 3(3-0) RB: (WS 201 and

Lesbian history, lesbian cultures/communities, and the construction of lesbian identity.

#### 400 Women in Classical Greek Society

Spring of odd years. 3(3-0) Interdepartmental with Classical Studies. Administered by Department of French, Classics, and Italian. R: Not open to freshmen or sophomores.

Image, role, and status of women in Greek society as seen through literary sources.

## 401

Feminist Theory Spring. 4(4-0) P: (WS 201 and WS 202) R: Not open to freshmen or sophomores.

Integrative and multidisciplinary approaches to theory in women's studies. Conceptualization of sex and gender and the subordination of women. Feminist critique of theories of knowledge. Comparison of evolving feminist theories.

# Women and Change in Developing Countries

Spring. 3(3-0) RB: (WS 201 Or WS 202 Or WS 203) R: Not open to freshmen or sophomores.

Effects of economic, political, and social change on women in developing countries. Interrelationships of gender, class, race, and nationality.

#### Women and the Law in the United States 404

Fall of odd years. Spring of odd years. 3(3-0) Interdepartmental with Fisheries and Wildlife. RB: (WS 201 or WS 202 or WS 203) R: Not open to freshmen or sophomores.

Law in the United States as a vehicle for structuring and maintaining women's social roles, and for social

# **Families in Historical Perspective**

Fall. 3(3-0) Interdepartmental with History. Administered by Department of History. R: Not open to freshmen.

Family forms and socio-economic change in Europe and the United States. Gender, childhood, courtship, sexual relations, marriage, divorce, childbearing, and old age in peasant, industrial, and postindustrial society. War, welfare state, and the family. The marginalized: vagrants, foundlings, immigrants, and single mothers.