ANTH 151 Emerging Humanity (3)
CRN: Multiple, Several Sections
Introduction to human biological evolution and the archaeology of culture in the world prior to AD. FGA

ANTH 215 Physical Anthropology (3)
CRN: 70082, TR 9:00a – 10:15a
Human evolution, primatology, human genetics, biological variation, human adaptability, growth and development. Co-requisite: 215L. DB

ANTH 425 Medical Anthropology (3)
CRN: 73356, MW 2:00p - 3:15p
Social and cultural aspects of medicine; the relationship of medicine to the beliefs, social systems, ecological adaptations, and cultural changes of human groups. DS, WI

ANTH 428 Anthropology of the Body (3)
CRN: 79245, MW 12:30-1:45p
Exploration of the history and development of theories of the body via topics such as phenomenology, perception, bodily rituals, gender, sex, race, colonialism, power, pain, medicalization, immunology, reproductive health and cyborgs. DS, WI

ANTH 465 Science, Sex & Reproduction (3)
CRN: 79247, TR 12:00-1:15p
Explores anthropology’s critical analysis of approaches to reproductive health and procreation, primarily in developing countries. Examines sex and reproduction as sites of intervention from public health, development, and biomedical specialists, while also considering local strategies. Pre: 152 or 425 or WS 151. DS, WI

BIOL 304 Biotech: Science and Ethical Issues (3)
CRN: 73289, MWF 11:30a - 12:20p
Introduction to the concepts, goals, ethical issues and consequences of biotechnology using real-life case studies of cloning, DNA fingerprinting, gene therapy and genetical engineering. Pre: 171 or consent. (Cross-listed as MBBE 304). ETH

Biol 375 Concepts of Genetics (3)
CRN: Multiple, Several Sections
General principles, applications, and recent advances of the rapidly growing science of biotechnology. Topics include impact of biotechnology on medicine, animal sciences, environment, agriculture, forensics, and economic and socio-ethical issues. Pre: C (not C-) or better in 275 or consent. DB

BIOL/MBBE 402 Principles of Biochemistry (4)
CRN: 70354 or 76975, MWF 8:00a - 9:20a
Molecular basis of living processes in bacteria, plants and animals; emphasis on metabolism of carbohydrates, lipids, proteins and nucleic acids. Pre: C (not C-) or better in BIOL 275/275L, CHEM 272 and CHEM 273; or consent. DB

BIOL 407 Molecular Biology I (3)
CRN: 76010, MWF 9:30a - 10:20a
Relationship between structure and function at macromolecular level. Pre: C (not C-) or better in 275/275L and CHEM 273, or consent. DB

BOT 442 Medical Ethnobotany (3)
CRN: 79713, T 9:30-12:00p
Survey and theory of plants used as medicines, cultural perspectives of herbal medicine, and the botanical/chemical basis of alternative and naturopathic medicine. Lecture/discussion, term paper or project. Pre: 440 and 470 or CHEM 272 or BIOL 341; or consent. DB

CMB 411 Human Genetics (3)
CRN: 74546, TR 9:00a - 10:15a
Principles of human genetics. Designed for pre-medical or pre-dental students or others who require a course with emphasis on human genetics. Pre: BIOL 172 and BIOL 172L, or consent. DB

COMG 251 Principles of Effective Public Speaking (3)
CRN: Multiple, Several Sections
Combined lecture/laboratory providing extensive practice in preparing and presenting effective public speeches with special emphasis on organization, outlining, audience analysis, analytical reasoning, and delivery skills. DA

COMG 290 Interviewing (3)
CRN: 78215, TR 10:30p – 11:45p
Principles and practice; training in informational, persuasive, employment, appraisal, and research interviewing. Pre: one of 151, 170, 181, 185, 251 or 301; or consent. NI

COMG 381 Interpersonal Relations (3)
CRN: 76698, TR 10:30a – 11:45a
Theory and research on the development, maintenance, and termination of interpersonal relationships. Pre: one of 151, 170, 181, 185, 251 or 301; or consent. DS

ECON 130 Principles of Microeconomics (3)
CRN: Multiple, Several Sections
Examination of the decision-making process of both households and firms. Analysis of the functioning of a competitive market system, using supply and demand models and the role of government in cases where the market system fails. Additional topics include the effects of international rate on the welfare of a nation and the effects of different competitive market structures on society. DS

ECON 321 Introduction to Statistics (3)
CRN: Multiple, Several Sections
Basic elements; descriptive statistics, probability, inference, distributions, hypothesis testing, regression, and correlation analysis. DS

ENG 306 Argumentative Writing I (3)
CRN: Multiple, Several Sections
Theory and practice of written argument; emphasis on the role of invention in argumentative discourse and on the nature of rhetorical proof. Pre: FW and either 200 or one ENG DL course, or consent. WI

FSHN 185 The Science of Human Nutrition (3)
CRN: Multiple, Several Sections
Integration of natural science concepts basic to the study of human nutrition. Emphasis on nutrient requirements of healthy individuals, food sources, functions of nutrients. DB
HIST 156 World History of Human Disease (3)
CRN: 78119, MWF 10:30a - 11:45a
Examines how disease has affected humans in terms of society, culture, politics, religion, and economics. Explores the impact over a broad range of time periods, from pre-history to the present/ future. FGC

HWST 285 La’au Lapa’au: Hawaiian Medicinal Herbs (4)
CRN: 76933, TR 3:00p - 4:50p
Presentation of Hawaiian medicinal herbs including basic philosophy, identification, utilization, and preparation of such herbs for human ailments. Pre: 107 or consent. NI

KBS 305 Principles of Sports Medicine (3)
CRN: Multiple, Several Sections
Examines with some depth, principles of risk management and pathology of athletic injuries, major musculoskeletal structures, and concepts of evaluative skills, treatment, and rehabilitation for common athletic injuries. A-F only. Repeatable one time. DB

KRS 332 Emergency Care and First Aid Training (3)
CRN: Multiple, Several Sections
Practicum in training of persons to become qualified in emergency care knowledge, basic life support, and first aid skills. First Aid and CPR certificates may be earned. DB

KRS 353 Structural Kinesiology (3)
CRN: 75056, TR 7:30a - 8:45a
Gross human anatomy, emphasizing identification and description of parts of the musculoskeletal system; selected applications to motor activity. Primarily for physical education majors, but open to others with consent. A-F only. Pre: PHYL 141/141L or PHYL 301/301L (or concurrent). DB

KRD 151 Intro to Medical Technology (2)
CRN: 75873, M 12:30p – 2:20 p
Designed to acquaint student to the field of medical technology (clinical laboratory science). Repeatable one time.

MICR 351 Biology of Microorganisms (3)
CRN: 72015, MWF 8:30p - 9:20a
Anatomy, chemistry, physiology, genetics, development, and environmental interactions of microorganisms. Pre: BIOL 171 or equivalent, CHEM 272/272L; or consent. Co-requisite: 351L. Recommended: BIOL 275/275L. DB

MICR 461 Immunology (3)
CRN: 72018, MWF 12:30p - 1:20p
Structure and biological actions of antigens and antibodies; fundamentals of antibody synthesis; the relation of immunology to biology and medical sciences. Pre: 351 or BIOL 172; or consent. Recommended: BIOL 275/275L. (Cross-listed as MCB 461) DB

MICR 475 Bacterial Genetics (3)
CRN: 72020, MWF 10:30a - 11:20p
Genetic analysis and molecular basis of transmission replication, mutation, and expression of heritable characteristics in prokaryotes. Pre: 351 or BIOL 275, or consent. DB

MICR 490 Virology (3)
CRN: 74376, Days and time TBA
Basic principles of virus biology. Topics include methods for virus study, virus structure, replication, gene expression, pathogenesis and host response. Pre: 351 or BIOL 275, or consent. DB

MBBE 375 Multidisciplinary Biochemistry (3)
CRN: 77738, MWF 1:30p - 2:20p
Introduction to basic concepts of cellular biochemistry and metabolic pathways as applied to nutritional, medicinal and environmental biochemistry. A-F only. Pre: CHEM 152 or CHEM 272 or BIOC 341, or consent. DB

PHL 301 Human Anatomy and Physiology (4)
CRN: 74905 or 72428, Several Sections
Integrated presentation of human anatomy and physiology. An optional laboratory (PHL 301L) is available separately. Pre: BIOL 171 and BIOL 172, or any PHYL course; and CHEM 161 (or higher) or any BIOC course; or consent. DB

PHL 401 Human Physiology: Organ Systems (4)
CRN: 78269, Days and time TBA
Basic function of the major organ systems in man. Covers cardiovascular, respiratory, renal, acid-base, and gastrointestinal physiology. Pre: 302 or equivalent with consent. DB

PSY 230 Introduction to Psychobiology (3)
CRN: 78168, TR 10:30p – 11:45p
Survey of study of behavior from a natural sciences viewpoint. Evolution, ethological analysis of behavior genetics, neural mechanisms, drugs and behavior, biological development. Pre: 100. DB

PSY 250 Social Psychology (3)
CRN: 78196, MWF 2:30a – 3:20a
Cognitive, behavioral, and emotional effects of people: interpersonal relations, attribution, attitudes, group behavior, stereotypes, social roles, aggression, helping, self-concept; applications. Pre: 100. DS

PSY 371 Abnormal Psychology
CRN: 75434, TR 3:00p – 4:15p
Nature and causes of psychoses; abnormalities of intelligence; psychotherapy. A-F only. Pre: 100 DB

SOC 214 Introduction to Race and Ethnic Relations (3)
CRN: 76976, TR 1:30p – 2:45p
Race and ethnic relations in world perspective; social, economic, and political problems associated with perception, existence, and accommodation of these groups within the wider society. (Cross-listed as ES 214) DS

SOC 354 Survey of Medical Sociology (3)
CRN: 76768, TR 12:00p – 1:20p
Social factors in disease and treatment; illness behavior, roles of patients and healers; nature of healing professions; use of medical services; alternative systems of medical organization. DS

PH 201 Introduction to Public Health (3)
CRN: 77706, T 9:00a – 10:15a
Introduces public health concepts with an emphasis on principles and tools for population health, disease prevention, health professions and healthcare systems, and public health professions and systems. A-F only.

PH 310 Introduction to Epidemiology (3)
CRN: 77708, MW 11:00a – 12:15p
Lecture/discussion on the fundamental principles of epidemiology, exploring patterns of disease, threats to health and EPI methods for prevention, control, and treatment. A-F only.

PH 420 Health Education and Health Promotion (3)
CRN: 77952, MWF 2:30p – 3:20p
Focus on the application of social and behavioral theory in health education, and how health promotion programs are constructed for various populations with an emphasis on cultural diversity and social determinants of health. Sophomore standing or higher. A-F only. (Fall only)

WS 305 Women and Health (3)
CRN: 75706
Explores current issues in the conceptualization and delivery of health care for women. Pre: one of 151, 202, POLS 110, or SOC 100. (Cross-listed as SOC 305) DS

NOTE: It is the student's responsibility to find the most accurate information and fulfill requirements specified by professional schools. The courses listed above are only suggestions of possible electives for students interested in health careers.

Compiled from the University of Hawai’i at Mānoa Schedule of Classes Fall 2012 and http://www.catalog.hawaii.edu