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ANT 101  Anthropology: The Cultural View
This course is a basic introductory survey of cultural anthropology. It examines the differences between cultures as well as cultural universals, and the relationship between social organization, ideology, economics, and political structure in different types of societies. It reviews the various theoretical approaches in cultural anthropology’s attempt to explain human behavior, presenting examples from foraging farming, and contemporary industrial societies through readings and films. Cr 3

BIO 105  Biological Principles I: Cellular Biology
This is an introduction to the scientific principles of molecular biology, cell biology, and genetics. Prerequisite: students must have fulfilled the University minimum proficiency requirements in writing and mathematics. Cr 3

BIO 106  Laboratory Biology
Laboratory experiences illustrating concepts and principles introduced in BIO 105. Concurrent enrollment in BIO 105 is highly recommended. Prerequisite: grade of C- or higher or concurrent enrollment in BIO 105. Students must have fulfilled the University minimum proficiency requirements in writing and mathematics. Cr 1.5

CHY 107  Chemistry for Health Sciences
A one-semester introduction to general, organic, and biological chemistry for the health sciences. Topics include acids and bases, pH, chemical kinetics and equilibria, the chemistry of organic compounds; carbohydrates, proteins, lipids, nucleic acids. This course is not suitable for chemistry majors, biology majors, or pre-professionals (pre-dental, pre-medical, pre-veterinary). Cr 3

CON 280  Holistic Health I
This course explores the realm of holistic health in greater depth. A strong component will focus on approaches to healing, including such topics as nutrition, stress management, meditation, therapeutic movement and massage, music, and others. The primary goal is to bring greater self-confidence, increased knowledge, and self-responsibility about health into each student's life. Cr 3

CON 283  Healing & Spirituality
This course will explore the links between spiritual understandings and physical and mental health. Focusing on global spiritual and religious traditions, the course will examine the determinants of health and the healing techniques utilized in each faith. We will also examine the ways in which religious values and expectations become internalized and affect the ways in which we interpret our wellness and our discomforts. This course is designed to offer an opportunity to become familiar with the world’s faith traditions, and to explore spirituality as it relates to healing, both personally and institutionally. Cr 3

CON 356  Concepts in Community Health
This course introduces the concepts and principles basic to the development and maintenance of the community’s health. The epidemiological process guides the survey of current major health issues. The course focuses on the health issues of groups in the community at local, state, national, and global levels. Pre-requisite: must be taken concurrent with or previous to NUR 341. Cr 3

ECE 391  Math in Early Childhood Education
Cr 3

EDU 305  Foundations of Cultural and Linguistic Diversity
This course supports students in exploring and critically analyzing topics, themes, and issues related to cultural and linguistic diversity and helps them build a strong theoretical and practical foundation for becoming successful multicultural educators. 12 hours of fieldwork will be required. Pre-requisites: HRD 200: Multicultural Human Development Cr 3

HCE 686  Internship: Counselor Education
This course provides an opportunity for students to integrate formal coursework with on-the-job experience in selected institutions. Prerequisite: HCE 690. Cr 1-15

HCE 690  Individual Counseling Practicum Seminar
Through lecture, discussion, and group supervision students learn to apply professional knowledge and skills to the practice of counseling with individuals. Role playing, video and audio tapes, and demonstrations are used in helping students develop an integrated counseling style. This course is taken concurrently with HCE 691. Prerequisites: HCE 620, HCE 621, HCE 622 (school counseling specialty only), and HCE 626. Cr 3

HRD 200  Multicultural Human Development
This course introduces developmental theory and research that encompasses the entire lifespan. Emphasis will be on prenatal development through adolescence, with an overview of adult development. A multi-disciplinary and multicultural view of human development will be taken by examining theories from a socio-cultural context and in consideration of change as well as stability throughout the life cycle. The interaction of hereditary, environmental, and socio-cultural factors will be considered in studying physical, cognitive, and psychosocial development. Prerequisite: Second semester freshmen or above; must have completed College Writing and an EYE course. Cr 3

HUM 105  Basic Photography
This course is an introduction to black and white photography, designed to help students gain understanding through “hands-on” photographic work. Lectures include classroom discussions concerning the history and aesthetics of photography, and techniques include camera and lens functions, exposure methods, basic black and white film processing, printmaking, print finishing, and presentation techniques. Cr 3

HUM 304  Writing Children’s Literature
An exploration of how details, characters, and voices create compelling children’s stories. This course will include text readings, multiple online writing assignments, along with analyzing several children’s books and critiquing and commenting on classmates’ work. Students will also write their own children’s picture book. This course has been approved by the State Department of Education for content area in secondary English. Cr 3.

HUM 325  World History and Geography I
This is the first in a series of two courses that are designed to help students develop an understanding of and an appreciation for world history and geography. The course’s goal is to provide students with a humanistic background from which to better comprehend global complexities. This course
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will cover the period from prehistory to the age of modern expansion, from about 50,000 to 500 years ago. Prerequisite: Only students with more than 45 credits are permitted to take this course. This course has been approved by the State Department of Education for content area in secondary Social Studies. Cr 3

HUM 335 Working with Writers
This one-credit course provides training for Writing Assistants who work at the LAC Writing Center. Topics covered include basic composition theory, the Writing Center as a workplace, tutoring in digital formats, helping writers across the curriculum, and communication skills. The course prepares Writing Assistants for CRLA (College Reading and Learning Association) certification. The course may be taken three times (to align with the three levels of CRLA certification). Permission of instructor required. HUM 335 to be offered as a seminar every Fall and Spring semester. Cr 1

HUM 338 Intermediate Writing Theory and Practice
This one-credit practicum provides an intermediate level examination of writing center theory and practice. It is designed to provide content and technical training for experienced Writing Center tutors. Class meetings also provide a venue for group discussion of tutoring experiences. Upon completion of the course, students are eligible for Level 3 College Reading and Language Association (CRLA) certification. Permission of instructor required. Meets 1 hour a week. May be taken three times. Cr 1

HUM 345 Leadership and Film
Like literature, film allows for an exploration of various themes and experiences that would not normally be available to an individual. This course seeks to capture this opportunity by seeking to understand leadership as it is presented in various films. Through the use of film, we will explore themes relating to leadership such as power, influence, oppression, ethics, service, and more. Cross-listed with LOS 345. Cr 3

LAC 112 Microsoft Excel
This course uses a problem-solving approach to electronic spreadsheets. It satisfies the LOS major’s requirement and should follow the LAC 150 introductory course. Students will learn advanced data analysis, formulas, and create graphs to interpret the data. This course should be completed prior to taking the financial management, economics, or budgeting course. Prerequisite: LAC 150 or equivalent. Cr 1

LAC 114 PowerPoint
This computer program allows users an electronic means of giving presentations to groups of people. Students will learn how to create electronic slides using written, graphic, and sound materials. The slides can then be formatted in several different ways: 35 mm slides, overhead transparencies, and handouts. Students who have to give presentations to classes or who are considering careers in teaching, marketing, or public relations fields should consider this course. Cr 1

LAC 188 College & Career Success
The focus of the course is on self, learning and career exploration and the critical role of personal decision making in identifying and pursuing strengths, interests, and areas for growth. Students will learn to understand their own decision making process and the factors that influence that process. Course activities will include assessments of self, assessments of interest, and explorations of academic life and career. This course provides students with the opportunity and tools for taking enhanced control of their academic learning process. Throughout the course, students will be introduced to resources and support systems to help maximize the University experience and create an intentional career path. This is a 3-credit course used as elective credit toward graduation. Cr 3

LAC 269 Exploring Careers, Choosing Life Roles
In this mid-level course in the career development series, students relate self-knowledge to career and life roles, with an emphasis on gaining and managing career information; learning various career and life decision-making strategies; and communicating formative academic, co-curricular, and professional experiences in such formats as accomplishment statements and informal interviews. Offered fall, spring, summer. Cr 1.5

LAC 413 Job Search Skills for the 21st Century
In this final course in the career development series, students assume active agency in career planning through learning how to market themselves to prospective employers. They learn to create and use the tools needed for career placement, such as cover letters, resumes, and interviews. Prerequisite: LAC 269. Offered fall, spring, summer. Cr 1.5

LAC 447 Internship
This online course provides students the opportunity to work in their chosen field to evaluate their interest and acquire basic skills needed to market themselves effectively. Students participate in an online seminar in which they learn about and reflect on workplace issues. Students wishing to take more than 3 credit hours must have permission from their faculty advisors. Prerequisite: LAC 413. Offered fall, spring, summer. Cr 3-61

LAE 200 Education in the U.S. with Field Experience
This course combines an introduction to the study of education in the United States and the examination of its historical perspectives. The course introduces the student to the relationship between schools and society while developing the student's personal philosophy of education. A two-and-a-half hour per week field experience component allows the student to acquire a better understanding of the teaching profession in a school setting. Cr 4

LAE 391 Math in Early Childhood Education
Cr 3

LAE 402 Teaching English in Grades 7-12
This course focuses on ways to organize and teach English classes at the middle school and high school levels based upon current research in literacy and national and state standards in English Language Arts. Various strategies involved in designing and managing a student centered literacy program will be presented. Different theories for teaching English will serve as a backdrop for creating classroom activities that connect the literature to the students’ lives. The writing process and the reading-writing connection will be emphasized to assess and enhance both literacy and learning. Prerequisites: Open to matriculated students in USM's teacher education programs. Cr 3

LAE 404 Teaching Social Studies in Grades 7-12
This course is designed to prepare students for best practices in 7-12 social studies instruction. Students will understand the goals of secondary social studies education, as well as the guiding principles and strands of the discipline. The course framework is built on the CCSSO's Interstate Teacher Assessment and Support Consortium (InTASC) Model Core Teaching Standards and the 7-12 strands of the Maine Learning Results for Social Studies.
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Students will learn how to promote diverse children's proficiency in state standards by implementing multiple strategies. Prerequisites: Open to matriculated students in USM's teacher education programs. Cr 3

LAE 405 Teaching Mathematics in Grades K-8
This course, intended for those preparing to be K-8 teachers, provides experiences to develop, critique, and apply knowledge, skills, and research findings in mathematics, pedagogy, and mathematical learning theory in elementary and middle school classrooms. Major areas of focus include learning and assessment of all children, instruction to support all students' mathematical understanding, reasoning, communication, and collaboration; standards (national, state, and local); content integration; resources; issues; and the discipline's philosophical framework. Prerequisites: Open to matriculated students in USM's teacher education programs. Cr 3

LAE 411 Internship in English in Grades 7-12
This internship is in conjunction with LAE 402 and allows the student to complete assignments graded in class. These include: videotaped teaching and reflection lessons, professional stance, and final exhibition review: portfolio development. Cr 3

LAE 412 Internship in Social Studies in Grades 7-12
This internship is in conjunction with LAE 404 and allows the student to complete assignments graded in class. These include: videotaped teaching and reflection lessons, professional stance, and final exhibition review: portfolio development. Cr 3

LAE 452 Teaching Science in Grades K-8
This course has an interactive laboratory and field-based approach that models the teaching and learning of science at the elementary and middle school levels. The emphasis is on content, process, and methodology. The course framework is based on the CCSSO's Interstate Teacher Assessment and Support Consortium (InTASC) Model Core Teaching Standards, the National Educational Technology Standards for Teachers (NETS-T), and the Maine State Standards for Science and Technology with specific attention to the K-8 grade level strands. Students will learn how to promote diverse children's proficiency in state standards by implementing multiple strategies to support scientific understanding of systems in the natural and designed world. Prerequisites: Open to matriculated students in USM's teacher education programs. Cr 3

LCC 110 College Writing: Language and Literacies
This entry-phase, first-tier writing instruction course introduces students to one or more themes of the Core curriculum. It emphasizes the connections between reading and writing, and students learn how thinking and the language that conveys it develop and change through the process of drafting, revising, editing, and proofreading. The course introduces students to the conventions of expository academic writing and links to co-curricular activities of the Core. Cr 3

LCC 123 College and Community I
This entry phase course introduces students to the promise and possibilities of USM LAC's interdisciplinary, writing-intensive, and student-centered culture. Students will consider the relevance the four themes of the Lewiston Common Core (justice, sustainability, democracy and difference) have to their future lives. Students link their own "stories" -- what has brought them to this point in their personal, academic, and professional lives -- with the habits of mind needed for success in college, career, and global citizenship. 3 cr.

LCC 150 Statistics for Informed Decision Making
This course introduces and applies quantitative analyses to address real world questions. It applies descriptive statistics, sampling and significance testing, correlation, and regression analysis to issues related to the four themes of the Common Core. The course provides the opportunity to interpret and analyze statistical decision making, and identifies data misconceptions and misuses. Cr 3

LCC 200 Creative Critical Inquiry
This writing instruction course introduces students to criteria for identifying and constructing well-reasoned arguments, fosters the discovery and use of students' critical/analytical voice in their writing, and develops skills for incorporating, interpreting and integrating the views of others. It provides the opportunity to refine critical thinking abilities by analyzing everyday life experience, including how culture shapes our sense of reality and ourselves. The course highlights the importance of generating good questions and tolerating ambiguity when seeking to understand complex issues. Prerequisite: College Writing.

LCC 220 U.S. Democracy: Origins and Development
In this course, students consider the convergence of cultures, events, and ideas that led to the founding of the United States as a republic up to c. 1877. The course explores the basic structure of the U.S. system of government, the primary political philosophies that support it, and past efforts made to remedy injustices that ran counter to the ideals of democracy. Cr 3

LCC 230 Environmental Science, Policy, & Sustainability with Lab
This course presents a multidisciplinary survey of the scientific principles underlying energy utilization, nutrient cycles, global warming, population, and natural resource policy and management. The lectures will be comprised of Socratic interactions and group discussions relating regional, national and global components that encompass ecology, economics, politics, and social endeavors. This course includes a laboratory involving field and lab work and service learning efforts. Cr 4

LCC 250 Thinking About Art; Thinking Through Art
This course explores the tools and strategies important in the interpretation of literature and the arts and encourages an appreciation of the role of literature and the arts in social, political, and cultural life. It promotes understanding of and appreciation for the creative expression of shared cultural beliefs in various historical periods of cultures around the world and examines literature and the arts as potential critiques of culture. Co-curricular opportunities are included, especially in connection or conjunction with the Atrium Gallery. Cr 3

LCC 370 Toward a Global Ethics
This writing instruction course assists students in articulating and assessing their own values. It examines the range of ethical theories and positions and explores the influence of particular cultural ideologies on ethical beliefs. The course considers the ethical principles implied by democracy, sustainability, justice, and difference. It examines ethical issues and dilemmas faced by individuals, organizations, and nations while exploring personal and collective decision-making processes in a global context. Prerequisite: Core Area C. Cr 4
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LCC 480  Senior Seminar
This course provides writing instruction experience for students from LAC’s degree programs. Students complete a major research and writing project addressing one of the four themes of the Common Core from an interdisciplinary approach. Prerequisite: ENG 100C or LCC 110C; LCC 200E or LCC 370E; HUM 300, and LOS 300 OR SBS 320. Cr 3.

LOS 250  Organizational Accounting
This course will introduce students to the basic concepts of accounting that they will need to understand financial processes in private, public, and non-profit organizations. Cr 3

LOS 299  Writing in the Major
Students majoring in LOS are required to register for this course simultaneously with their registration in LOS 300 Organizational Theory. It meets for an hour per week of writing instruction for the LOS major. Cr 1

LOS 300  Organizational Theory
This is a foundational course that provides a solid overview of organizational theories in leadership. Current organizational issues are analyzed using structural, human resource, cultural, and political frameworks and the case method. Issues examined include leadership, organizational design, planning, change, decision making, communication, and control. This is an excellent course for students interested in how organizations work. Students in the LOS major must complete this required course with a grade of a B- or better as a condition of their degree. This course includes writing instruction. Prerequisite: familiarity with the Blackboard online learning community. Completion of College Writing with a C or better is required for LOS majors and preferred for all other students. Cr 3

LOS 301  Group Dynamics
This course gives students an understanding of how people behave in groups and the skills needed by group members to participate effectively in group activities. It provides a theoretical foundation for how groups function, with focus on group process and development; and it discusses how these theories can be applied to a wide range of group settings. This course uses experiential techniques to help students develop critical skills and understanding of group dynamics. Cr 3

LOS 302  Organizational Behavior
The goal of this course is to familiarize students with interpersonal dynamics and the tools to make organizational interactions more effective. Through assessments, exercises, and discussions, students will examine how perceptions of self and others influence people’s behavior in a variety of situations. As good communication is critical in building sound interpersonal relationships, students will have many opportunities to fine-tune writing and speaking skills. Cr 3

LOS 312  Human Resources Management (On-line)
This on-line course focuses on the procedures and processes associated with the management of human resources within organizations. Topics include recruitment, staff development, job analysis, personnel systems, and training. Cr 3

LOS 329  Research Methods
This course is an introduction to quantitative and qualitative research methods which can be used in organizational planning and decision making and in the social and behavioral sciences. The course will cover topic areas related to the application of appropriate methods of inquiry and include completion of an applied project. Strongly recommended for students going on to graduate school, careers in consulting, or human resource management. Cross listed with SBS 329. Prerequisite: LCC 150D. Cr 3

LOS 333  Portfolio Development
This Portfolio Development course is offered to the adult learner who is preparing a competency based, experiential, academic portfolio, documenting their college-level knowledge, competencies, and abilities. This course supports students in improving the skills and knowledge needed to document and communicate their prior learning in the area of leadership and organizational studies. At the end of the course, students submit a completed academic portfolio for assessment to USM’s Office of Prior Learning for possible additional credits. Prerequisites: College writing or the equivalent, leadership LOS 350 either concurrently or completed, resume submission, and subsequent permission by instructor. Cr 3

LOS 345  Leadership and Film
Like literature, film allows for an exploration of various themes and experiences that would not normally be available to an individual. This course seeks to capture this opportunity by seeking to understand leadership as it is presented in various films. Through the use of film, we will explore themes relating to leadership such as power, influence, oppression, ethics, service, and more. Cr 3

LOS 350  Leadership
This foundational course for students of leadership will provide learners with a review of major leadership concepts and theories designed to incorporate research findings, practice, skill-building, and direct application to real world scenarios. Beyond leadership concepts and theories, the course will cover a variety of topics impacting today’s leaders as a foundation for learning including power and ethics, leadership development, politics and influence, decision making, and creativity and innovation. An experiential design is used along with traditional online techniques to help students reflect on their personal leadership styles and examine their approaches to leading others in diverse organizational settings. Students in the LOS major must complete this required course with a grade of a B- or better as a condition of their degree. Completion of College Writing with a C or better is required for LOS majors and preferred for all other students. Cr 3

LOS 398  Independent Study (Instructor Perm Required)
Prerequisites: LOS 300 or junior standing and permission of instructor. Cr 1-6

LOS 430  Applied Social Policy
A review of contemporary social policy alternatives and an examination of the macro- and micro-level social policymaking processes. Students complete an applied social policy project which might take the form of a policy paper, a grant proposal or written legislative testimony for a community agency. Prerequisite: junior standing or permission of the instructor. Cross-listed with SBS 430. Cr 3

LOS 440  Organizational Change and Development
This course explores the theory, research, and processes of leading, managing, and adapting to organizational change. Case studies and experiential
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learning are used to examine the effectiveness of change efforts and their impact on the group and individual. Prerequisite: LOS 300 or permission of instructor. LOS 329 or equivalent is also encouraged. Cr 3

LOS 500 Foundations I
This is an on-line course, however plan to meet as a group for the first class meeting. Other face-to-face meeting will be scheduled at that time. The course offers an interdisciplinary exploration of the history and theory of leadership.

LOS 550 Cultural Contexts
This course provides an analysis of the role that culture and cultural differences play in contemporary occupational, social/civic, and interpersonal life. The essential question for the course is: how does one show leadership in creating and supporting multicultural relationships, organizations, institutions, and socio-political and economic systems? Cr 3

LOS 611 Communication and Relationship Building
This course investigates the communication and behavioral theories and techniques that mediate interpersonal dynamics. Students will engage in a course of study designed to help them develop awareness of their communication abilities and difficulties and tools to effectively address the interpersonal challenges they face now and will face in the future. Cr 3

LOS 631 Leadership and Film
Like literature, film allows for an exploration of various themes and experiences that would not normally be available to an individual. This course seeks to capture this opportunity by seeking to understand leadership as it is presented in various films. Through the use of film, we will explore themes relating to leadership such as power, influence, oppression, ethics, service, and more. Cr 3

LOS 688 Capstone Seminar (Instructor Perm Required)
The seminar allows students the opportunity to work with faculty to develop their master’s project or thesis. Seminar meetings will include collegial (student) as well as faculty critique and assistance in developing research and projects. Questions posed by both projects and theses will be discussed. The capstone advisor must approve all projects. The capstone advisor and, when appropriate, an outside reader in an area of concentration must approve thesis topics. The seminar will conclude with students identifying the key questions for their continued study of leadership. Prerequisite: LOS 610. Cr 3

LOS 689 Master’s Project/Thesis
The project option requires students to design an intensive theory-based, applied project that explores the role of leadership in developing and/or implementing meaningful change in an organization or community. Each student will work with a faculty advisor. When appropriate (e.g., when students have a concentration from another graduate program), an outside reader will also be selected jointly by the student and advisor. Written analysis of the project will include a survey of relevant literature, a detailed description of the situation or change being studied, presentation of the method(s) of inquiry and data, and an analysis of the data and other outcomes. The written presentation will include an executive summary and complete bibliography. Projects will also be formally presented to other students, community members, and LAC faculty. Students will be evaluated on both their verbal and written presentation skills. The thesis option requires students to select a topic for intensive library research, reading, and analysis. It may, for example, summarize and analyze work in new methods or contribute a new theoretical proposal that calls for further testing or research. This work will be designed to produce an article of interest for the field of leadership studies. With a thesis advisor, the student will identify an appropriate professional or academic outlet for publication, and the paper will be prepared and submitted to this outlet. Students will formally present their theses to students, community members, and LAC faculty. Students will be evaluated on both their verbal and written presentation skills. Cr 3

MAT 009 Developmental Mathematics
This course emphasizes arithmetic computations and informal geometry. Some of the topics included are elementary number theory, operations with fractions, decimals, ratios, proportions, percents, signed numbers, data interpretation, and introduction and preparation for algebra. Credits for this course do not fulfill degree requirements. Minimum grade of “C” to go on to the next course. Cr 3

MAT 101 College Readiness Mathematics
This course is designed to provide an opportunity for students to master the knowledge and develop skills to ensure success in subsequent math courses. Cr 4

MAT 108 College Algebra
A more in-depth study of the topics introduced in MAT 101. The emphasis will be on the study of functions (polynomial, rational, logarithmic, exponential) and their graphs. Additional topics may include matrices, sequences, counting techniques, and probability. Through the activity-based lab component, applications and modeling will be stressed. Prerequisite: Successful completion of the University’s college readiness requirement in mathematics. Cr 4

MAT 140 Pre-Calculus Mathematics
A brief review of elementary algebra followed by a study of the algebraic, exponential, logarithmic, and trigonometric functions. Prerequisites: successful completion of the University’s college readiness requirement in mathematics and two years of high school algebra or MAT 108. Cr 3

MAT 152D Calculus A
The first course in a three-semester sequence covering basic calculus of real variables. Calculus introduces the concept of limit and applies it to the definition of derivative and integral of a function of one variable. The rules of differentiation and properties of the integral are emphasized, as well as applications of the derivative and integral. This course will usually include an introduction to the transcendental functions and some use of a computer algebra system. Prerequisite: two years of high school algebra plus geometry and trigonometry, or MAT 140D. Cr 4

MAT 152E Calculus B
The second course in a three-semester sequence covering calculus of real variables. The rules of differentiation and properties of the integral are emphasized, as well as applications of the derivative and integral. This course will usually include a study of infinite series and vector valued functions. Prerequisite: MAT 152D. Cr 4

MAT 152F Calculus C
The third course in a three-semester sequence covering calculus of real variables. This course will usually include a study of polar coordinates and the differential equations. Prerequisite: MAT 152E. Cr 4

NUR 300 Health Assessment
This course provides knowledge and skills essential to conduct in-depth bio-psycho-social-cultural health assessment of well individuals throughout the life span. Emphasis is placed on data collection through effective communication and physical skills followed by data analysis and identification of nursing diagnoses. Prerequisites: Anatomy and Physiology I and II, NUR 100 and a GPA of 2.75. Cr 3

NUR 301 Health Assessment Lab
This laboratory course provides knowledge and skills essential to conduct an in-depth bio-psycho-social-cultural, holistic health assessment of well
individuals through the life span. Emphasis is placed on data collection through development of communication and physical examination skills. Data will then be analyzed and nursing diagnoses developed. Concurrent with NUR 300. Cr 2

NUR 306    Nursing Arts and Science
This course introduces the student to concepts and skills basic to the art and science of nursing. The nursing process is introduced as a problem-solving tool, and is used along with scientific principles in the teaching of foundational nursing therapeutics used in most practice settings. Prerequisites: 24 credits, a GPA of 2.75, and Anatomy and Physiology I and II (or concurrent). Cr 3

NUR 307    Fundamentals of Nursing Lab
This course focuses on the cognitive basis, scientific principles, and manipulative component of psychomotor skills used when implementing foundational nursing therapeutics, which promote, maintain, and restore the health of the client. Concurrent with NUR 212. Cr 2

NUR 339    Community Nursing Partnership I
This course is the first one in a two-course series (NUR 339 and NUR 341). Over two semesters students will engage in a partnership with a specific community. This sequence of courses incorporates the concepts of partnership building, risk identification, and health promotion within a community-based context. Students will collaborate with community partners to develop an understanding of both short- and long-term needs of the community. Problem-posing and problem-solving will come from the community. Students will engage in ongoing community assessment, support communities in developing long term interventions/approaches, and engage in evaluation of community level practice. Students will identify individuals and families within their communities who would benefit from individual and family-based nursing assessment, planning, intervention, and evaluation. Students will work with health care providers in these communities to assess the need for services and augment the services available. Students will engage in both formative and summative evaluation over the course of their interaction with the community. Students will consider issues of continuation and termination as they work with individuals, families, fellow students, and community partners. Prerequisite or concurrent: CON 356 and NUR 323/325. Cr 2

NUR 341    Community Nursing Partnership II
This course is the second one in a two-course series. See NUR 339 for description. Prerequisite: NUR 339. Cr 2

NUR 421    Reproductive and Sexual Health Nursing
This course focuses on the theory and research in reproductive and sexual health care. While emphasis is placed on holistic nursing care of diverse healthy females from preconception through the childbearing process, high risk conditions, including end of life care for neonates, and the interventions necessary for successful adaptation are also discussed. Male and female reproductive health issues and nursing care across the lifespan will be presented. Prerequisite: NUR 323/325 or 523/542. Cr 3

NUR 424    Clinically-Applied Genetics
This course explores the genetic basis of human health and disease. It examines the specific mechanisms by which genetic differences give rise to altered body function and influence disease risk, and how these differences are inherited. It emphasizes the advances in genetics that impact the prevention, diagnosis, and treatment of illnesses and conditions. In so doing, it both addresses the basic science of genetics and explores related clinically-applied topics such as the ethical implications of genetics, genetic screening, genetic risk assessment, and gene therapy. Prerequisites: NUR 323 or 541 or consent of instructor. Cr 3

NUR 427    Child Health Nursing
In this course, students examine family-centered nursing care in the health promotion and health care of children. Class discussions focus on theories, research, and literature related to health needs and common health problems of children. Family, heredity, environment, and socioeconomics are among the factors examined in discussions of nursing in child health. Prerequisites: NUR 323/325 or 523/542. Cr 3

OTH 501    Occupational Therapy Foundations
This course introduces students to the profession of occupational therapy by studying its history, philosophy, and standards. Students will examine the multiple contextual factors that influence the practice, professional behaviors, responsibilities of practitioners, and evidence-based practice. Additionally, students will learn about the role and functions of OT practitioners; local, national, and international associations; the OT process; activity and occupational analysis; and OTR and OTA collaboration. Cr 3

OTH 502    Introduction to Occupation
Introduces students to the theory of occupation and the relationship between occupation and occupational therapy practice. Several occupational performance models of practice in OT will be introduced, and students will thoroughly explore the OT Practice Framework. Students will begin to reflect on their "occupational selves" in this course. Cr 3

OTH 503    Reflective Practitioner
Provides an understanding of human behavior; therapeutic use of self; and development of interpersonal communication both personally and professionally. Cr 2

OTH 511    Level 1 Field Work: Developmental Disabilities
Students are placed in clinical settings where they can begin to develop professional behaviors, communication skills, and skilled observation in a pediatric/developmental setting. The accompanying seminar allows students to share and process their experiences as a group. The combination of direct fieldwork experience and an integrated seminar allows students to further integrate course material and provide a common link between the above mentioned classes. Prerequisites and co-requisites: OTH 604, OTH 615. Cr 1

OTH 512    Applied Research II
This course provides the opportunity for students to expand their application of research concepts to the investigation of an occupational therapy question, need, or evaluation of occupational therapy practice. Students will conduct a research project, collecting and analyzing data, culminating in a full research paper and presentation. Course sessions and assignments will be devoted to guiding students through the research process. Cr 3

OTH 513    Applied Concepts of Movement
This course will cover the basic science needed to understand normal body movement. The student will gain an understanding of the functional anatomy of the musculoskeletal system and how it relates to the biomechanics, kinematics, and kinetics of human motion. In addition, the student will learn skills in assessment of musculoskeletal functioning from a biomechanical frame of reference. The course will include hands-on laboratory experiences that will
facilitate the learning of concepts and skills. Co-requisite: OTH 514. Cr 3

**OTH 514  Human Anatomy: Structure and Function**
This course provides an in-depth study of the structure and function of the systems of the human body. Emphasis will be placed on the neuro, skeletal, and muscular systems. Lab work will consist of independent study with models, CD-ROM, and online programs. Cr 4

**OTH 518  Group Process in Practice**
This 2-credit course introduces students to group process principles, including the major characteristics of groups, group norms, and group development. Students will have an opportunity to lead a group as well as apply the group process to multiple areas of practice. Cr 2

**OTH 603  Occupational Performance through Adulthood**
This course integrates occupational therapy theory and practice in the occupations of adults with physical impairments. The class format provides students with an opportunity to apply occupational therapy and new knowledge to clinical cases, develop clinical reasoning skills, and learn hands-on skills needed for entry-level practice. Learning strategies involve applying the OT Practice Framework to practice as well as integrating OT in a variety of practice settings. A focus on case management and team members. Written and verbal skills are highlighted, and role playing/observing interdisciplinary teamwork is stressed. It is expected that students are able to do professional research by accessing information on the Internet via relevant databases. Prerequisites and co-requisites: OTH 510, OTH 514, OTH 601 and OTH 614. Cr 7

**OTH 604  Occupational Performance in Infancy through Adolescence**
This course integrates OT theory and practice in the occupations of individuals, birth to 21. The format of the class includes weekly lectures, case discussions, and lab experiences. Students will apply new knowledge to clinical cases, develop clinical reasoning skills, and learn hands-on skills needed for entry-level practice. Pre- or co-requisites: OTH 511, OTH 513, OTH 514, OTH 601, OTH 615. Cr 4

**OTH 621  Level II Fieldwork**
This fieldwork requirement is a 12-week, full-time, 40-hours per week supervised experience in an occupational therapy setting, or emerging practice area. Students apply theoretical knowledge and practice skills with clients who are experiencing a variety of disorders, taking on an ever-increasing caseload throughout the 12 weeks. Cr 6

**PSY 101  General Psychology I**
An introduction to the study of behavior as a natural science. Among the topics covered are: method of inquiry, physiological foundations of behavior, sensation and perception, motivation and emotion, learning and thinking. This course is a prerequisite for all courses in the department. Cr 3

**PSY 102  General Psychology II**
A continuation of Psychology 101. It deals with complex psychological processes such as ability testing, personality, conflict, behavior disorders and therapy, and social and industrial behavior. Prerequisite: PSY 101 with a grade of C- or better. Cr 3

**SBS 200  Multicultural Human Development**
This course introduces developmental theory and research that encompasses the entire life span. Emphasis will be on prenatal development through adolescence, with an overview of adult development. A multi-disciplinary and multicultural view of human development will be taken by examining theories from a socio-cultural context and in consideration of change as well as stability throughout the life cycle. The interaction of hereditary, environmental, and socio-cultural factors will be considered in studying physical, cognitive, and psychosocial development. Prerequisites: Second semester freshmen or above; must have completed College Writing and, for students using course for USM Core in Portland and Gorham, an EYE course. This course is cross-listed with HRD 200 and satisfies USM Core area: Socio-Cultural Analysis. Cr 3

**SBS 300  Deviance & Social Control**
The course examines the historical and relative notion of deviance and the nature and type(s) of social control. Cr 3

**SBS 301  Group Dynamics**
This course is designed to give students an understanding of how people behave in groups and the skills needed by group members to participate effectively in group activities. It provides a theoretical foundation in how groups function, with focus on group process and development; and it discusses how these theories can be applied to a wide range of group settings. This course uses experiential techniques to help students develop critical skills and understanding of group dynamics. This course is cross-listed with LOS 301. Cr 3

**SBS 302  Organizational Behavior**
The goal of this course is to familiarize students with interpersonal dynamics and the tools to make organizational interactions more effective. Through assessments, exercises, and discussions, students will examine how perceptions of self and others influence people’s behavior in a variety of situations. As good communication is critical in building sound interpersonal relationships, students will have many opportunities to fine tune writing and speaking skills. This course is cross-listed with LOS 302. Cr 3

**SBS 303  Abnormal Psychology**
This course presents an introduction to the classification, diagnosis, and etiology of what is considered mental illness. Cultural aspects of abnormality will be emphasized, as will integrative models of the causes of mental disorders. This integrative approach considers the complex interplay between biological, psychological, interpersonal, and cultural factors as they contribute to the development and expression of psychological disorders. Cr 3

**SBS 304  Food, Culture, and Eating**
This course examines cultural beliefs and practices surrounding diet, food, cooking, eating, and nutrition. Students explore how behaviors and attitudes toward food and eating influence and are shaped by culture. Discussion may include food and healing, the social functions of food, food as represented in the media, food production and food politics, the diet industry, and eating disorders. Students gain insight into their own behaviors and attitudes toward food and eating, as well as those of today’s global cultures. Cr 3

**SBS 305  Child Development**
This course examines the development and behavior of children from conception through middle childhood, and introduces topics in adolescence. Theoretical frameworks and research upon which current knowledge in child development is based will be considered, as well as applications to contemporary topics in child welfare and education. SBS/HRD 200J recommended. Cr 3
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SBS 311  
**Theories of Personality**
This course is an in-depth study of the major theories of personality. It includes consideration of historical developments and cultural differences in the area of personality theory and research. The specific understanding of psychopathology contained in the theories will also be explored. Cr 3

SBS 315  
**Social Psychology of Disability**
This course will examine some of the social psychological issues associated with disability and the rehabilitation of individuals who have disabilities, with a focus on minimizing existing social, vocational, educational, and attitudinal barriers to individuals rather than on minimizing the impact of clients' physical/mental differences within a normed environment. It will familiarize students with the points of view and the experiences of people from various social, ethnic, and cultural backgrounds with a wide range of disabilities/abilities, towards enabling students to approach counseling as a means of expanding opportunities for their clients’ access to these opportunities, and empowering their clients to attain their goals. Cr 3

SBS 323  
**Portfolio Development**
This Portfolio Development course is offered to the adult learner who is preparing a competency based, experiential, academic portfolio, documenting their college-level knowledge, competencies, and abilities. This course supports students in improving the skills and knowledge needed to document and communicate their prior learning in the area of leadership and organizational studies. At the end of the course, students submit a completed academic portfolio for assessment to USM’s Office of Prior Learning for possible additional credits. Cr 3

SBS 329  
**Research Methods**
An introduction to quantitative and qualitative research methods which can be used in organizational planning and decision making and in the social and behavioral sciences. The course will cover topic areas related to the application of appropriate methods of inquiry and includes completion of an applied project. Strongly recommended for students going on to graduate school, careers in consulting, or human resource management. Prerequisite: LOS 328D. Cross-listed with LOS 329. Cr 3

SBS 335  
**Legal Issues: Human Services**
This course examines the legal framework underlying the delivery of health and human services with an emphasis on current socio-legal problems including the rights of clients and the responsibilities of workers. Cr 3

SBS 336  
**Introduction to Public Health**
This course provides an overview of the public health system and examines the purpose, history, organization, approach, functions and determinants of health. The course places special emphasis on current health issues from our daily lives to highlight the relevance of public health. Cr 3

SBS 343  
**Substance Abuse**
This course considers patterns of use of drugs, the bases of their effects and associated harms, and the history of and current options for prevention and intervention efforts. Consideration will be given to the role of society and public policy in influencing our thinking and behavior concerning substance use and abuse. Cr 3

SBS 346  
**Introduction to Social Services**
This course examines the profession of social work from both historical and contemporary perspectives. Students will explore specialty areas in social work such as mental health and disability, crime and violence, and family work. Career options in the social work field will be explored. Cr 3

SBS 348  
**Responding to Mental Health Crisis in the Community**
This course explores history and models of mental health focused on the ability of individuals with mental illness to function successfully in the community. The course will assist students in developing an understanding of crisis intervention theory and perspectives, including knowledge of risk factors and precipitating events, and of available emergency community resources (and associated obstacles to access to these services).

SBS 364  
**Introduction to Expressive Therapies**
This course introduces students to the basic principles, theories, and varied professional applications of the expressive therapies, including modalities of art, drama, movement, music, poetry and play. Exposure to and experience with a variety of experiential processes is a major feature of the course. Exploration of the value of these methods in transcending barriers of age, mental health, physical health, learning styles and needs, language ability and cultural norms is also woven into the course. Cr 3

SBS 375  
**Infant Mental Health**
This course focuses on post-fetal dependence and development (the fourth trimester), brain development, early communication, infant cuing, the calming reflex, and how an infant learns to view and respond to the world. The concepts of infant mental health as relational, reflective, and interdisciplinary will be presented as well as skills and strategies for supporting positive infant mental health. SBS 200 recommended. Cr 3

SBS 391  
**Math in Early Childhood Education**
Cr 3

SBS 430  
**Applied Social Policy**
A review of contemporary social policy alternatives and an examination of social policy making processes at both the macro- and micro-levels. Students complete an applied social policy project which might take the form of a policy paper, a grant proposal or written legislative testimony for a community agency. Prerequisites: either LCC 200 or LCC 370 as well as junior standing or permission of the instructor. Cr 3

SCI 105  
**Biological Principles I**
An introduction to scientific principles underlying the unit and diversity of life. Prerequisite: students must have fulfilled the University minimum proficiency requirements in writing and mathematics. Cr 3

SCI 106  
**Laboratory Biology I**
Laboratory experiences illustrating concepts and principles introduced in SCI 105K. Must be taken concurrently with SCI 105K. Cr 1.5

SCI 113  
**Principles of Chemistry I**
A presentation of fundamental principles of chemical science. These principles will be presented in quantitative terms and illustrated by examples of their
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applications in laboratories and in ordinary non-laboratory experience. This course and SCI 114 (normally taken concurrently) provide the basis for further study of chemistry. Prerequisite: satisfaction of USM math minimum proficiency requirements. Cr 3

SCI 114 Laboratory Techniques I
Laboratory experiments to illustrate the principles that are presented in SCI 113K lectures. Three laboratory hours per week combining recitation and practical lab work. Co-requisite: SCI 113. Cr 1

SCI 170 Human Anatomy and Physiology I
This is the first course in a two-semester sequence in human anatomy and physiology. It introduces basic principles of physiology and anatomy through chemistry, cellular structure and function, genetics, and embryology. This course discusses several physiologic systems including the muscular, skeletal, and integumentary systems. Prerequisites: students should have a basic biology and chemistry from high school courses, GED, or successful completion of SCI 105 or SCI 100. SCI 170K must be taken concurrently with SCI 171K. Cr 3

SCI 171 Human Anatomy & Physiology I Lab
Laboratory experiences illustrating topics introduced in SCI 170K. Must be taken concurrently with SCI 170K. Cr 1.5

SCI 209 Human Genetics
This course examines the role of heredity in human growth, development, and behavior. Decision making, ethical issues and societal responsibilities related to genetic disorders will be discussed. Prerequisite: LCC 130 or SCI 170 or SCI 105. Cr 3

SCI 252 Medical Microbiology with Lab
This lecture and laboratory course introduces basic medical microbiology and focuses on the viruses, bacteria, protozoans, and multi-cellular organisms which cause human diseases. It also discusses epidemiology and the immune system. This course meets the requirements of nursing and allied health programs. Prerequisite: SCI 107 or SCI 270/271. Cr 4

SCI 336 Intro to Public Health
This course provides an overview of the public health system and examines the purpose, history, organization, approach, functions and determinants of health. The course places special emphasis on current health issues from our daily lives to highlight the relevance of public health. Cr 3

SCI 380 Pathophysiology I
This course examines the biology of noninfectious illnesses. Emphasis will be placed on cellular biology, cancer, immunity, inflammation, and the cardiac, pulmonary, and renal systems. Prerequisites: Microbiology, Human Anatomy and Physiology. Cr 3

SED 335 Students with Exceptionalities in General Classrooms
The primary goal of this course is to construct an understanding and knowledge of the range of exceptionalities, including students with disabilities and those identified as gifted and talented. The course is based on the premise that students with exceptionalities should be educated and socially interact to the greatest extent possible with their peers in the general education curriculum and program. The general educator's role in teaching learners who are exceptional will be emphasized. Topics include characteristics of areas of exceptionality; classroom management; assistive technology; state and federal legislation regarding exceptional students; Response to Intervention (RtI); Universal Design for Learning (UDL); individual education plans (IEP); building relationships with parents; students who are culturally and linguistically diverse; and inclusion and collaboration philosophy and practices. This course includes a 24-hour field placement. Cr 3

SOC 100 Introduction to Sociology
The fundamental concepts, principles, and methods of sociology; analyzes the influence of social and cultural factors upon human behavior; evaluates effect of group processes, social classes, stratification, and basic institutions on contemporary society. Cr 3