

AN INVENTORY OF ACTIVE MASTERS PROGRAM

MA — ANTHROPOLOGY, THESIS ONLY

Program Advisor: Dr. Sarah Campbell, Arntzen Hall 342

Goals

- Provide structured training in academic core, appropriate specialization courses, and experience conducting independent research†. Prepare students for a variety of professional careers utilizing anthropology (e.g. social services, international corporations, cultural resource management, forensics, public health)
- Prepare students for PhD programs or other advanced degrees.

Enrollment Fall 2008: 17

Graduates of the Program are employed in:

MS — BIOLOGY, THESIS ONLY

Program Advisor: Dr. Merrill Peterson, Biology Building 312

Goals

To provide a first-class research experience for our students that will provide them with the background and skills to enter a variety of professional careers in biology. We aim to provide a stimulating intellectual environment with rigorous scholarship that facilitates multiple opportunities for graduate student.

Enrollment Fall 2008: 15

Graduates of the Program are employed in university research lab techs, industry research lab techs, community college instructors, Peace Corps workers, private consultants, state and federal agencies such as DNR, US Forest Service, NOAA, or pursue further advanced degrees.

MS — BIOLOGY (MARINE AND ESTUARINE SCIENCE), THESIS ONLY

Visit the Marine and Estuarine Science graduate program website, www.ac.wvu.edu/~mesp/

Curriculum Coordinators: Dr. Brian Bingham, Huxley College of the Environment; Dr. Gisèle Muller-Parker, Department of Biology

For a complete list of participating faculty and their research interests, and for additional information, visit the MESP website The Marine and Estuarine Science option is a joint offering of the Department of Biology, Huxley College, and Shannon Point Marine Center. Students graduating from the program will have an understanding of coastal marine and estuarine environments, biota and topical management issues, and fundamental biological and chemical oceanographic processes.

Enrollment Fall 2008: 12

Graduates of the Program are employed as: university research lab techs, industry research lab techs, marine biology lab techs, research vessel lab techs, community college instructors, state and federal agencies such as NOAA, DNR, or pursue further advanced degrees.

MASTER OF PROFESSIONAL ACCOUNTING

(MPAcc), NON-THESIS

Graduate Program Office, Parks Hall 419, 360-650-3898

E-mail: dorothy.mccoy@wwu.edu; fax: 360-650-4844

Program Director: Dr. Matthew Liao-Troth; Dr. Stephen Senge, program adviser

Department of Accounting: Dr. George D. Sanders, Chair

Goals

The MPAcc program in CBE provides graduate education in accounting designed to:

- Provide opportunities for students to improve their expertise in a field that is rapidly becoming more complex.
- Provide students with an opportunity to acquire the knowledge and skills required in Washington for professional licensing as CPAs in an effective manner.
- Help meet the demand in Washington for well-trained professional accountants.

Enrollment Fall 2008: 11

Graduates of the Program are employed in: Nearly all students are employed by public accounting firms. Other students are employed by private firms or governmental entities.

MASTER OF BUSINESS ADMINISTRATION, NON-THESIS

Graduate Program Office, Parks Hall 419, 360-650-3898
e-mail: dan.purdy@wwu.edu or dorothy.mccoy@wwu.edu;
fax: (360) 650-4844

Program Director: Dr. Matthew Liao-Troth

Program Assistant Director: Daniel Purdy, MBA

Goals

The MBA program in CBE provides a general graduate business program designed to develop organizational leaders who have strong managerial skills, a solid foundation in the core business functions, and a global perspective on issues that affect organizations, and markets.

Enrollment Fall 2008: 72

Graduates of the Program are employed in: MBA Graduates are hired by private, public and nonprofit. Graduates work in areas such as Financial Analysis, Marketing Management, Consulting, Operations Management and General Management. Numerous recent graduates have been employed by Microsoft and Target in the above areas.

MS — CHEMISTRY, THESIS AND NON-THESIS

Program Advisor: Dr. James R. Vyvyan

Goals

This program prepares students for technical careers in industry, or for further study toward a more advanced degree.

Enrollment Fall 2008: 9

Graduates of the Program are employed in: laboratory technicians in industrial settings, community college instructors, or pursue further advanced degrees.

MA — COMMUNICATION SCIENCES AND DISORDERS, THESIS AND NON-THESIS

Graduate Coordinator: Dr. Lina Zeine, Parks Hall 17, 360-650-3178

Goals

The objectives of the program in Speech-Language Pathology are to prepare competent entry-level professionals in speech language pathology and to prepare students for advanced study at the PhD level. The program includes an internship taken after other academic and clinical requirements have been completed.

Enrollment Fall 2008: 43

Graduates of the Program are employed in public schools, private clinics, and hospitals where they serve a variety of clients with communication and swallowing disorders.

MS — COMPUTER SCIENCE

Program Advisor: Dr. Debra S. Jusak. Send e-mail related to the graduate program in computer science to gradinfo.cs@wwu.edu. For further information concerning the program, consult the departmental websites at www.cs.wwu.edu.

Goals

- To graduate students with strong, in-depth background in computer science
- To prepare students for PhD programs
- To engage students in high quality research-oriented projects

Objectives

- To educate students in core concepts in computer science
- To provide students with in depth knowledge, skills, and experiences in computer science
- To focus on the applied aspects of computer science, especially real-world projects that use core concepts and expert knowledge of computer science
- To provide students and faculty opportunities to engage in research in computer science.

Enrollment Fall 2008: 17

Graduates of the Program are employed in: industries such as Microsoft, Mobilisa, SAIC, Google and Boeing. They also have been accepted in doctoral programs both in and out of state.

MEd — CONTINUING AND COLLEGE EDUCATION

Department of Educational Leadership

GRADUATE FACULTY

Program Advisor: Dr. Sandra Daffron, Miller Hall 314A, 360-650-2977, Sandra.Daffron@wwu.edu

Goals

The program prepares both entry-level and advanced practitioners as teachers, trainers, educators, and administrators, particularly in community college and continuing education settings.

Enrollment Fall 2008: 50

Graduates of the Program are employed in: Business and industry, colleges and universities, state and federal agencies, and nonprofit organizations as trainers, teachers, and administrators of programs for adults.

MEd — EDUCATIONAL ADMINISTRATION

Department of Educational Leadership

GRADUATE FACULTY

Program Goals

Graduate Advisor: Dr. Donald Larsen, ext. 4336

Graduate Program Manager: Judy Gramm, 360-650-3708, MH 204D

The Educational Administration program is designed to prepare elementary and secondary school teachers to assume leadership roles as principals, vice principals or instructional technology specialists. Candidates are recommended for the master's degree and/or principal certification. Satisfactory completion of the Superintendent Certificate qualifies candidates for the superintendency as well as other district-level leadership roles.

Enrollment Fall 2008: 27 (masters students)+ 75 (post-masters cert students)

Graduates of the Program are employed in: leadership positions in P-12 schools.

MEd — LITERACY

Department of Elementary Education

Department Office: Miller Hall 262, 360-650-3336.

Graduate Advisor: Dr. Tracy Coskie, Miller Hall 264B, 360-650-2164;

Dr. Marsha Riddle Buly, Miller Hall 260E, 360-650-7348.

Program Goals

The MEd-Literacy program is designed to prepare teachers to focus on the instruction of literacy in grades P-12. Candidates are recommended for the master's degree and the endorsement in reading/language arts. The MEd – Literacy has four main components: foundations, core study, independent research, and study in a concentration area. Concentration electives will generally be selected, by advisement, from elementary and early childhood education, literacy, TESOL, and special education courses.

Enrollment Fall 2008: 9 master's students

Graduates of this program are employed in: P-12 schools as literacy teachers and reading specialists.

MA — REHABILITATION COUNSELING

Department of Human Services and Rehabilitation

Program Director: Dr. Elizabeth Boland, 425-771-7435,

Elizabeth.Swett@wwu.edu.

Goals

The Master of Arts in Rehabilitation Counseling prepares rehabilitation professionals to assist individuals with disabilities to enhance their lives in significant ways, including self-determination, independence, significant ways, employment, and full community participation. The program is fully accredited by the Council on Rehabilitation Education (CORE). The program prepares rehabilitation professionals to work in a variety of public and private settings.

Enrollment Fall 2008: 45

Graduates of the Program are employed in: public and private agencies and medical settings as licensed rehabilitation counselors.

MEd AND MIT — SECONDARY EDUCATION

Department of Secondary Education

Goals

The program prepares students to teach at the secondary school level.

Program Adviser: Dr. Robert Keiper, 360-650-3986

Program Manager: Patricia Roberts, 360-650-3327

Master in Teaching (MIT)

This degree program is designed for students who wish to complete a master's degree while gaining state of Washington residency certification. Students must have completed a baccalaureate degree and must have a major in one of the state-approved endorsable academic majors. This degree program combines the endorsable major with a graduate level program of certification course work to produce a Master in Teaching program. This degree is firmly backed by current research of effective teaching and reflects a conceptual framework which embraces three basic strands in education: artistic, scientific and professional. Completion of the MIT sequence usually takes two years. The MIT program is available on the Bellingham campus or the University Center of North Puget Sound at Everett Community College.

Master in Education

This degree program is designed for certified teachers and includes the following specializations or concentrations:

- High School Curriculum and Instruction

- Middle School Curriculum and Instruction
- Instructional Technology
- Native American Education
- Professional Certification

The secondary education department is not accepting applications for this program at this time.

Enrollment Fall 2008: 107

Graduates of the Program are employed in: middle and high schools and teachers and school leader.

MEd — SPECIAL EDUCATION

Department of Special Education

Goals

The program prepares special educators to become master teachers and consultants in specialized instruction. Graduate studies in special education are generally designed for students who have met Washington state teacher certification requirements, and are seeking a master's degree in combination with an endorsement to teach special education, and for certificated special education teachers.

Enrollment Fall 2008:

Graduates of Program are employed in: graduates are employed as special education teachers and directors in P-12 schools.

MEd — STUDENT AFFAIRS ADMINISTRATION IN HIGHER EDUCATION

Department of Educational Leadership

Program Advisor: Dr. Susan Mancuso, Miller Hall 314C, 360-650-6552, Susan.Mancuso@wwu.edu

Goals

The program prepares professionals for leadership positions in student affairs in higher education..

Enrollment Fall 2008: 22

Graduates of the Program are employed in: community colleges and universities as student affairs administrators.

MA — ENGLISH, THESIS AND NON-THESIS

Program Director: Dr. Allison Giffen, Humanities 343, 360-650-2013

Graduate Program Office, Humanities 327, 360-650-3232

Goals

The MA program in English is designed for those who desire to prepare for:

- PhD and MFA programs, as well as other advanced degrees
- teaching at two-year colleges
- public or private teaching (elementary, middle, secondary)
- careers in technical writing and communication
- careers in editing and publishing
- careers in nonprofit and other business organizations

Depending on the chosen area of concentration, students will attain the following skills:

- preparation in national and global literatures and cultures, creative writing, critical and cultural theory, film and media, pedagogy, composition and rhetoric, technical writing, professional writing, editing and publishing, and linguistics
- teaching experience (if awarded a teaching assistantship or internship)

Enrollment Fall 2008: 45

Graduates of the Program are employed as: teaching assistants in PhD and MFA Programs, faculty in community colleges, technical writers and content managers in high-tech companies such as Microsoft and Boeing and in non-profit companies as well

MS — ENVIRONMENTAL SCIENCE, THESIS ONLY

Program Advisor: Dr. John M. Rybczyk, Environmental Studies, 360-650-2081

The MS in environmental science is a two-year curriculum which draws upon course work from Huxley College and the other colleges of WWU. It is directed toward the development and integration of scientific information in order to describe, predict and/or manage natural systems, and to assess human impacts on those systems.

Goals

The program prepares students to describe, predict and/ or manage natural systems and to assess human impacts on those systems

Enrollment Fall 2008: 19

Graduates of the Program are employed in:

MS — GEOGRAPHY, THESIS

Program Advisor: Dr. Michael J. Medler, Arntzen Hall 210

Program Goals

The program prepares students in the development and management of environmental resources for careers in business, government, planning, consulting, teaching and research. The focus of the MS degree in geography is on the development and management of environmental resources. The program is designed to allow students to develop and integrate social and natural science course work in a regional context. Students are provided with an opportunity to understand the spatial, ethical and societal (cultural) basis for the protection and management of resources.

Enrollment Fall 2008: 12

Graduates of the Program are employed in:

MEd — ENVIRONMENTAL EDUCATION

• *Residency in Environmental Education*

• *Environmental Education*

Program Advisor: Dr. John C. Miles

Goals

The program prepares environmental educators for settings outside the formal classroom, especially in not-for-profit organizations. Environmental education may occur in formal classrooms, nature centers, outdoor and environmental education programs, government agency programs or in many other settings. The content of the program may include science, history, the arts or many other disciplines. The philosophy of environmental education at Huxley College is that it is to be broad and inclusive. Graduate students are expected to identify the path they wish to take in studying the field, and build their emphasis around a set of program requirements. The residency option is aimed at students who will approach environmental education in settings outside the formal classroom, especially in not-for-profit organizations. The option involves a partnership with the North Cascades Institute, which awards a certificate in Nonprofit

administration and Leadership for completion of the professional residency. The thesis/field project option serves teachers and others who wish to develop background and skill to incorporate environmental education into their educational work. All graduate students are expected to develop and implement creative projects that will aid their own teaching with the guidance and advice of the program advisor and other teachers.

Enrollment Fall 2008:23

Graduates of the Program are employed in:

MS — GEOLOGY, THESIS

Program Advisor: Dr. R. Scott Babcock, Environmental Studies Center 240, 360-650-3581

Program Description and Goals

The geology department offers an MS degree with a thesis and 45-48 credits of course work suitable for students wishing any of the geological specialties that can be supervised by its graduate faculty. The program prepares students for a career as a licensed professional geologist or for K-16 earth science teaching. (K-12 teaching in public school settings requires an approved teaching credential.)

Enrollment Fall 2008:17

Graduates of the Program are employed in: state and federal geological agencies, private consulting firms (geotechnical firms), mining companies, Peace Corp, community college instructors or pursue further advanced degrees. [Government 16%, Academic 23%, Engineering and Environmental Consulting Firms 41%, Resource Exploration 14%, Other 6%].

MA — HISTORY, THESIS AND NON-THESIS

For further information, contact departmental office, Bond Hall 364, 360-650-3429.

Graduate Program Advisor: Dr. Peter Diehl, 360-650-3466

Goals

The program prepares students to: 1) enter doctoral programs or pursue other advanced academic training in history; 2) teach at the secondary or community-college level, and 3) assume positions as researchers, writers, teachers and curators in a variety of public and private settings.

Enrollment Fall 2008:21

Graduates of the Program are employed in:

GRADUATE PROGRAM IN ARCHIVES AND RECORDS MANAGEMENT

Program Advisor: Dr. Randall Jimerson, Bond Hall 324, 360-650-3139, Rand.Jimerson@wwu.edu

Goals

The program prepares students to: 1) enter a professional career as an archivist or records manager; 2) apply analytical skills to problem-solving and to evaluation of a broad range of recordkeeping needs within organizations; 3) enter doctoral programs or pursue other advanced academic training; and 4) assume positions as researchers, writers, teachers, or curators in a variety of public and private settings. The Department of History offers a graduate program leading to the degree of Master of Arts in history with a certificate in archives and records management. The Graduate Program in Archives and Record Management (ARM) prepares students for professional careers in both archives and records management. The curriculum emphasizes the interdependence of these two disciplines, both of which are essential to the challenges of documenting and preserving essential evidence of modern organizations and individuals. Grounded in the study of history, the program recognizes the value of historical

knowledge and understanding as a basis for identifying and preserving records of enduring value to society. The curriculum integrates automation and electronic records with traditional methods for textual, audio, and visual records. Students examine basic principles of archives and records management, learn methods of selecting, organizing, and using recorded information, and gain practical work experience in applying these techniques through an extended internship. A required master's thesis provides opportunity for original research and writing. The purpose of this program is to prepare students for a career and to enable them to learn to think and function as professional archivists and/or records managers.

Enrollment Fall 2008:18

Graduates of the Program are employed in:

MS — HUMAN MOVEMENT AND PERFORMANCE, THESIS

Program Adviser: Dr. Kathy Knutzen, 360-650-3763

Program Description

Graduate study leading to a Master of Science degree is offered in two areas: exercise science and sport psychology. The purpose of the program is to provide students with the technical and professional knowledge necessary for the assessment and improvement of human movement and performance. Students will be provided with information that will assist them in the design and implementation of programs that enhance human movement and performance. Through independent research and inquiry, students will solve problems associated with human movement and performance.

Goals

The educational mission of the program is to develop individuals who make informed decisions about exercise, human movement, and performance, that foster health and physically active lifestyles. To this end faculty are dedicated to quality teaching, scholarship and service.

Enrollment Fall 2008:19

Graduates of the Program are employed in: faculty positions in universities and community colleges; physical therapy clinics; US Navy, US Army, & US Air Force; hospitals; P-12 teaching; financial management; professional sport (baseball, hockey); medicine, retirement communities; rehabilitation centers; county health departments; health related businesses, city government staff; staff positions in universities; firefighting/paramedic; athletic training; health clubs; coaching positions in university and community colleges; parks and recreation districts; cardiac rehabilitation; athletic administration.

MS — MATHEMATICS, PROJECT WITH THESIS OPTION

Program Advisor: Dr. Don Chalice, Bond Hall 232,
360-650-3454

The graduate program in mathematics is designed to meet the requirements of subsequent professional and academic work in advanced mathematics. Students are prepared to continue to further graduate studies or for professional employment in industry or in college teaching. The focus is on providing a strong and broad analytical foundation, together with sufficient flexibility to pursue particular interests and areas of application in greater depth.

Goals

- The program prepares students for:
- continuing further graduate studies, or
- professional employment in industry, or
- college teaching.

Enrollment Fall 2008: 25

Graduates of the Program are employed in: high school teachers; community college instructors; math related industries, such as security (for example Norton or Microsoft), scheduling (for example in shipyards), applications (mapping software), analysis (for example Fred Hutchinson and biomedical firms), and numerical (for example Intel or Hughs), or pursue advanced degrees.

MASTER OF MUSIC, THESIS ONLY

Program Advisor: Dr. Edward Rutschman, Performing Arts Center 273.

Goals

To prepare students for professional-level work in music, as performers (singers, instrumentalists or conductors), composers, scholars, educators, or in a combination of these areas.

Enrollment Fall 2008:11

Graduates of the Program are employed in: Professional music performance careers (opera, symphony, conducting), Education (primary, secondary and university levels as well as private music studios), and Arts administration.

MEd — NATURAL SCIENCE/SCIENCE EDUCATION

Program Advisor: Dr. George P. Nelson

Goals

This program is focused on helping practicing teachers of science at all levels P-12 advance their careers by:

- improving their instruction through advanced study, research and field work;
- gaining familiarity with current research on student learning and new developments in curriculum assessment; and developing their leadership skills.

Enrollment Fall 2008:4

Graduates of the Program are employed as practicing teachers in regional K-12 schools.

MA — POLITICAL SCIENCE, THESIS ONLY

Program Advisor: Dr. Vernon Johnson, Arntzen Hall 438

Goals

The program prepares students for

- employment in management positions in government and the nonprofit sector
- admission to PhD programs in political science or other social sciences
- positions in public policy institutes and think tanks.

Enrollment Fall 2008: 11

Graduates of the Program are employed in:

MEd — SCHOOL COUNSELOR, THESIS AND NON-THESIS

Program Advisor: Dr. Diana Gruman, AIC #596

The school counseling program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP), and the National Council for Accreditation of Teacher Education (NCATE).

Goals

The program prepares knowledgeable, skilled, culturally sensitive, and ethical professional counselors who meet the relevant licensing or credentialing standards for practice in mental health and public and private educational settings in the State of Washington.

Enrollment Fall 2009: 12

Graduates of the Program are employed in K-12 public and private schools or social service agencies. Enrollment Fall 2008: 12

Graduates of the Program are employed in:

MS — MENTAL HEALTH COUNSELING, THESIS AND NON-THESIS

Program Advisor: Dr. Christina Byrne, Miller Hall 275

The MS Mental Health Counseling program prepares students for careers in the field of mental health and is accredited by CACREP. The program provides a general foundation in theoretical and applied perspectives which are used by mental health professionals. Special emphasis is placed on skill development, supervised practica with adults, children, and families, and on-site internships in various community and mental health clinics. Exposure to cross-cultural counseling strategies is an important component of the curriculum.

Goals

The program prepares knowledgeable, skilled, culturally sensitive, and ethical professional counselors who meet the relevant licensing or credentialing standards for practice in mental health and public and private educational settings in the State of Washington.

Enrollment Fall 2008: 11

Graduates of the Program are employed in: Graduates of the Mental Health Counseling program typically go on to work in community mental health agencies or private practice.

MS IN PSYCHOLOGY — EXPERIMENTAL PSYCHOLOGY CURRICULUM, THESIS ONLY

Program Advisor: Dr. Ethan Rimmel, Miller Hall 346C

The Experimental Psychology program provides a solid preparation and foundation for students wishing to enter a psychology Ph.D. program. Students who obtain a terminal Masters degree in Experimental Psychology may use their graduate training to become community college instructors, statisticians, research assistants, or use the degree in other settings.

Goals

The graduate curriculum leading to an MS degree in experimental psychology is designed to provide in-depth research experience within specific domains of psychology: cognitive, social, developmental, and neuroscience. This goal is accomplished through a balance of required content and research courses.

Enrollment Fall 2008: 20

Graduates of the Program are employed in: Graduates of the experimental psychology program tend to go on to Ph.D. programs in psychology or jobs where statistical and research skills are important.

FACULTY/STUDENT-DESIGNED PROGRAMS

MA, MS, MEd

At times students and faculty develop programs that are more interdisciplinary than the master's programs described in this catalog. In each instance this requires a complete Graduate School application and a proposed plan of study that has been approved by the graduate faculty and departments the student intends to work with and by the University's Graduate Council. At least two or more graduate disciplines must be involved.

Programs of this type are restricted by several factors: current offerings which can provide a basis for the individual program; availability of appropriate faculty; the applicant's academic preparation and ability; and the internal logic, or relationship of the elements of the proposed program. Each case is considered on its merits.

Enrollment Fall 2008:0

Graduates of the Program are employed in: