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offered. V

**677 (1-4) Individual Study**

Special arrangements must be made with an appropriate faculty member or the department office. May be repeated for credit on each new topic. V

**680 (1) Curriculum Study in Physics**

Presentation and discussion of curricular developments. V

**681 (2) Demonstration in Physics**

Materials, techniques, and procedures. V

**691 (1-4) In-Service**

A course designed to upgrade the qualifications of persons on-the-job. V

**692 (1-2) Seminar**

May be repeated for credit on each new topic. V

**694 (1-2) Alternate Plan Paper V**

**695 (1-6) Research V**

**696 (1-2) Independent Reading**

Special arrangements must be made with an appropriate faculty member or the department office. May be repeated for credit on each new topic. V

**698 (1-8) Internship**

Provides student the opportunity to gain expertise and experience in a special field under the supervision of a qualified person. V

**699 (1-6) Thesis V**

**Astronomy**

**520 (3) Stellar Astrophysics**

Blackbody radiation, radiative transfer, atomic structure, spectroscopic notation, excitation, ionization, absorption and emission coefficients, line profiles, analysis of stellar spectra. Alt F  
Pre: AST 225 and PHYS 222

**521 (3) Stellar Structure**

The gaseous state, degenerate matter, equations of stellar structure, polytropes, models of stellar interiors and atmospheres, stellar evolution, nucleosynthesis, stellar endpoints. Alt S  
Pre: AST 520

**530 (3) Galactic Structure**

Structure, kinematics, and dynamics of our galaxy.  
Pre: AST 225, PHYS 222, MATH 223, and COMS 272

**540 (5) Relativistic and Nonthermal Astrophysics**

Radio, infrared, ultraviolet, x-ray, and gamma-ray astronomy. Nonthermal radiation mechanisms. Special and general relativity. White dwarfs, neutron stars, and black holes. Active galactic nuclei, accretion disks, and quasars. Cosmology. Alt S  
Pre: AST 225, MATH 223, PHYS 222 and COMS 272

**591 (1-6) In-Service**

A course designed to upgrade the qualifications of

persons on-the-job. V

**594 (1-6) Workshop**

A short course devoted to a specific astronomical topic. May be repeated for credit on each new topic. V

**595 (1-4) Selected Topics**

A course in a particular area of astronomy not regularly offered. May be repeated for credit on each new topic. V  
Pre: Consent

**677 (1-6) Individual Study**

Special arrangements must be made with an appropriate faculty member or the departmental office. May be repeated for credit on each new topic.  
Pre: Consent

**691 (1-6) In-Service**

A course designed to upgrade the qualifications of persons on-the-job. V  
Pre: Consent

**694 (1-2) Alternate Plan Paper**

Pre: Consent V

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**POLITICAL SCIENCE MA**

**PUBLIC ADMINISTRATION MA**

**PUBLIC ADMINISTRATION/  
URBAN & REGIONAL STUDIES  
(JOINT) MA**

*College of Social and Behavioral Sciences  
Political Science Department  
109 Morris Hall • 507-389-2721*

Chair: Doran Hunter, Ph.D.

Graduate Coordinator: John Parham, Ph.D.

Abdalla Battah, Ph.D., Sue Burum, J.D., Carl Ellstrom Ph.D., Tom Ingot, Ph.D., Joe Kunkel, Ph.D., Ph.D., Mark Robbins, Ph.D., Carolyn Shrewsbury, Ph.D., Jackie Vieceli, Ph.D.

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Political Science, with its well-balanced curriculum and diverse and experienced faculty, offers two graduate programs for students pursuing academic and professional interests dealing with public policy questions and issues. The Political Science Department offers Master of Arts and Master of Arts in Public Administration degrees. The Political Science Department also collaborates with the Institute of Urban and Regional Studies to offer the Joint Program in Public Administration and Urban Studies.

Graduates of these programs are successfully pursuing a variety of challenging careers. Many occupy important positions with federal, state or local units of government. Others who have gone on to receive doctorates

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are teaching political science at colleges and universities, consulting, or doing policy analysis with large businesses and organizations. A large number are working in private enterprises, and several have pursued successful careers in practical and electoral politics.

**Admission.** The GRE is not required for admission to any of these programs.

## **POLITICAL SCIENCE, MA**

(Thesis Plan - 34 cr)

(Alternate Plan Paper - 34 cr)

The Master of Arts in Political Science (MAPS) is intended both for those who desire to eventually pursue a Ph.D. in Political Science and those who desire a terminal degree. The MAPS is primarily a generalist degree in political science which also provides a wide range of possibilities for specialization or for interdisciplinary work. The student, in consultation with a faculty advisor, plans a program of study reflecting the student's specific interests.

### **Admission Requirements for the MAPS (Master of Arts in Political Science) are:**

1. An undergraduate GPA of at least 3.0 on a 4.0 scale;
2. A baccalaureate degree from an accredited college or university;
3. At least 9 credits of undergraduate political science coursework. The requirement for 9 credits of undergraduate political science courses may be waived if the applicant can show relevant work related or other experiences that provide the necessary background to pursue graduate work in political science; and
4. When students do not meet the normal admission requirements, they may be recommended for admission by the department subject to removal of deficiencies or other conditions.

### **Required Core (7 cr)**

POL 600 Research Methods (3)

POL 611 Orientation for Graduate Students (1)

POL 650 Seminar: Political Theory (3)

A minimum of 12 of the remaining credits must be Political Science.

### **Required Electives (maximum 21 -26 cr)**

Choose any 500/600 level elective courses selected in consultation with an advisor.

### **Required Written Comprehensive and Oral Exams**

#### **Required Thesis or Alternate Plan Paper**

POL 694 Alternate Plan Paper (1-2)

POL 699 Thesis (3-6)

At least 17 of the 34 credits must be in 600 level classes. A research tool of either a reading knowledge of a foreign language or an advanced statistics or other advanced research course is required but does not count toward the 34 credits required for the MAPS. The research tool must

be approved by the student's committee.

## **PUBLIC ADMINISTRATION MA**

(Thesis Plan - 34 cr)

(Alternate Paper Plan - 34 cr)

This program is designed for persons already in or preparing to enter public service. The program is designed to enable the student to perform management or staff functions in such areas as finance, budget analysis and personnel management. Students are prepared with a knowledge of political and legal processes of government and with an appreciation for managerial decision-making skills required by public agencies. MAPA students may choose between the Thesis Plan and the Alternate Plan. The Thesis Plan requires 34 credits (including credits taken for the thesis, but not including the research tool). The Alternate Plan requires 34 (not including the research tool) credits along with the submission of an alternate plan paper written as a part of the requirements of a designated course. For either plan, 18 credits of core courses are required.

### **Admission Requirements for the MAPA (Master of Arts in Public Administration) are:**

1. A minimum GPA of 3.0 on a 4.0 scale for the last 2 years of undergraduate coursework, OR;

By using other factors (e.g. promising public or private sector work experience) demonstrate that the program can be successfully completed; and

2. A baccalaureate degree from an accredited college or university; and
3. All students need a reasonable background knowledge in government and quantitative methods. In some cases, the student's advisor may require that knowledge and skill deficiencies be remedied.

### **Required Core (18 cr)**

POL 600 Research Methods (3)

POL 606 Organization Theory (3)

POL 622 Seminar: Theory & Pract. Public Administration (3)

POL 662 Human Resource Management (3)

POL 663 Budget & Fiscal Management (3)

POL 665 Seminar: Bureaucracy & Administrative Process (3)

### **Required Electives (10-15 cr)**

Choose any 500/600 level electives selected in consultation with an advisor. Seven credits must be at the 600 level.

### **Required Thesis or Alternate Plan Paper**

POL 694 Alternate Plan Paper (1-2)

POL 699 Thesis (3-6)

Written comprehensive and oral exams are required. An oral defense of the thesis is required.

### **Required Proficiency in Advanced Research Methods:**

POL 669 Seminar: Public Policy

Analysis (3)  
(recommended for research tool)

MAPA students must demonstrate proficiency in an advanced research methods area. The research requirement may be satisfied by taking POLS 669 Sem: Public Policy Analysis or, with the approval of the student's advisor, by taking some other advanced research course or by passing a foreign language competency examination. These credits may not be applied towards the master's degree.

**Extended Campus.** The MAPA program is offered by the Political Science Department through extended campus in the Twin Cities. The extended campus program and its requirements are the same as the on-campus program described immediately above. The Department is committed to offering each of the MAPA core courses at least once every two years.

## **PUBLIC ADMINISTRATION/URBAN AND REGIONAL STUDIES (JOINT PROGRAM) MA**

(Alternate Plan Paper Option Only - 45 cr)

In 1985, the Political Science Department and the Urban and Regional Studies Institute began to offer a joint master's program. This program was designed in response to the growing demand of municipal, state, federal, and private agencies for professionals with interdisciplinary backgrounds.

**Admission to MAPA and Urban and Regional Studies Joint Program.** Students interested in the Joint Program must be admitted by both departments. See Urban and Regional Studies for admission criteria for their department. The normal requirements for admission from the public administration side include meeting the admission criteria to the MAPA program as listed above. It is assumed all students have background knowledge and training for the courses in the MAPA core. A good working knowledge of the content of the following undergraduate courses is necessary: Introduc

tion to Public Administration, Introduction to Political Analysis, and American Government.

### **Required Core (15 cr):**

POL 606 Organization Theory (3)  
POL 662 Human Resource Management (3)  
POL 663 Budget and Fiscal Management (3)  
URSI 602 Planning Process (3)  
URSI 609 Applied Urban Analysis (3)

### **Required Option (15 cr):**

Choose one of the following options:

#### Generalist Management (15 cr):

POL 622 Seminar: Theory and Practice of Public

Administration (3)

POL 628 Seminar in Public Management (3)  
POL 660 Seminar: Public Administration (3)  
POL 665 Seminar: Bureaucracy and Administrative Process (3)  
POL 669 Seminar: Public Policy Analysis (3)

#### Urban Management (15 cr):

URSI 601 Urban Management Process (3)  
URSI 603 Organizational Environment (3)  
URSI 615 Urban Professional Seminar (3)  
URSI 650 Urban Administrative Services (3)  
URSI 653 Urban Management Seminar (3)

### **Required Electives (15 cr):**

Selected in conjunction with the advisor and with approval of the student's committee.

Included in the elective credits is the Alternate Paper Plan (1-2).

Each student must also complete a research tool. This would normally be POLS 600(3)

Research Methods. Credits for the research tool do not count toward the required 45.

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## **COURSE DESCRIPTIONS**

### **510 (1-4) Topics in Political Philosophy**

This course explores topics in political philosophy beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with change of topic.

### **514 (3) Early United States Political Thought**

Political thought in United States from colonial period to the Civil War. Puritans, American revolution, republicanism, debate over United States Constitution, Jacksonian Democracy, Thoreau, reformers and religious and secular utopias, womens' rights, states' rights, abolitionism, proslavery.

### **515 (3) Recent United States Political Thought**

Political thought in United States from reconstruction to present. Controversies over industrial capitalism: Social Darwinism, Utopian Socialism, Populism, Socialism, Progressivism. Women's Rights, suffrage movement and contemporary feminism; African American political thought: liberalism; conservatism.

### **516 (3) Nonwestern Political Philosophy**

This course introduces students to the political philosophies of major thinkers from Asia, Africa and the Middle East. The course is designed to enhance students' analytical and writing skills.

### **520 (1-4) Topics in Political Methods**

This course explores topics in political science research methods beyond what is covered in the existing

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curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**521 (3) Research Methods**

Research methods commonly used in political science and public administration. Emphasis on such topics as the scientific approach, research design, qualitative research and measurement issues.

Pre: POL 221 or permission of instructor

**523 (3) Public Opinion and Polling Methods**

This course examines public opinion in American politics. Topics include the definition, nature and consequences of public opinion; political socialization; public opinion on selected issues; intergroup differences in public opinion, and public polling methods.

**530 (1-4) Topics in International Relations**

This course explores topics in international relations beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**531 (3) International Relations**

An advanced theoretical survey of the dynamics of politics and political change at the global level.

**532 (3) International Law**

A study of the legal norms and institutions which influence international and transnational relations.

**533 (3) International Organization**

Study of the function and process of the United Nations and other international organizations.

**534 (3) United States Foreign Policy**

This course is a general overview of US foreign policy institutions, processes, and politics. US Foreign Policy is examined in historical, global and domestic contexts.

**539 (3) Comparative Social Policy: The Welfare State in Europe and the Americas**

This course offers a cross-national perspective on the politics of social policy and the welfare state in industrialized parts of the world, including North and South America and different regions of Europe. It also explores distinct national patterns of public policy solutions to the common contemporary problems of social security, poverty and health care by paying close attention to both domestic factors and the forces of globalization that work to constrain government decisions. This multidimensional approach is designed to enable students to better understand how politics works in different ways to produce collective or social choices.

**540 (1-4) Topic in Comparative Politics**

This course explores topics in comparative politics beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**541 (3) Russia and Neighboring States Politics**

This course focuses on the Russian political system in relation to domestic social and economic environments and also on the role of Russia as a global actor. It examines the postcommunist transformation in Russia and other former Soviet republics.

**542 (3) South Asia: Politics and Policy**

This course introduces students to the governments and politics of the South Asian countries. The historical and cultural context of politics are explored, as well as contemporary issues.

**543 (3) Middle East Politics**

This class explores the dynamics that determine politics and effect change in the region. Using a comparative perspective for the major countries in the region, we examine such issues as Islam, nationalism, resources, regional conflicts, impact of the international system, and political development.

**544 (3) Latin America Politics**

This course includes a detailed analysis of select countries and theoretical concerns in Latin American studies. Its general goal is to provide students with the knowledge of Latin American politics and societies in both regional and comparative contexts.

**546 (3) African Politics**

This course is designed to acquaint undergraduate and graduate students with key concepts and issues in the study of African politics. The historical and cultural context of politics is explored, as well as topics of current importance in the field.

**547 (3) Europe: Politics and Policy**

The course discusses government institutions, political developments and policy making structures of contemporary Europe, including the former communist countries of East/Central Europe and the Balkans. It will also cover the on-going process of European intergration (European Union) and democratization of the former Soviet bloc countries. Some of the topics covered will include elections, party systems, federalism and devolution, ethnic and minority policy, social policy, economic reforms, gender and politics and cross-Atlantic relations with the U.S.

**548 (3) Political Development and Change**

This course introduces students to key issues and concepts in the study of political and economic development. Both theoretical approaches and empirical data are presented. The course is also designed to enhance students' analytical and research

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skills.

**549 (3) Comparative Criminal Justice System**

A comparison of criminal justice philosophies, structures, and procedures found in various countries around the world. Same as Law Enforcement 434: Comparative Criminal Justice Systems.

**550 (1-4) Topics in Public Law**

This course explores topics in public law beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**551 (3) Administrative Law**

Legal procedures by which state and federal administrative agencies exercise legislative, judicial and executive powers. Emphasis is placed on the constitutional position of administrative agencies, the rule making process, the power of agencies to decide rights and obligations concerning individual cases, and judicial control of administrative action.

**552 (3) Jurisprudence**

Philosophy and sources of law. Schools of legal philosophy and types of legal thinking. Emphasis is placed on Classical Natural Law, Analytical Legal Positivism, Legal Realism and Critical Legal Studies.

**553 (3) Constitutional Law**

Review of selected United States Supreme Court decisions, past and present, relating to the powers of the President, Congress, and the federal courts, as well as the division of power between the states and the federal government. Focus is on case briefing and the rationale which underlies the decisions.

**554 (3) Civil Liberties**

Review of selected United States Supreme Court decisions interpreting important freedoms contained in the Bill of Rights and the 14th Amendment. Focus is on the rationale which underlies decisions and their impact on American political social processes. Provides an opportunity to exercise and develop individual analytical abilities through analysis of Court's reasoning.

**560 (1-4) Topics in Public Policy/Administration**

This course explores topics in public policy and public administration beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**561 (3) Environmental Politics**

A study of the natural environment as a public policy issue in the political process of the United States, with some attention given to comparative and international perspectives.

**562 (3) Collective Bargaining: Public Sector**

A broadly based introduction to the issues, processes,

and techniques of public sector labor relations.

**563 (3) Public Personnel Administration**

The development of public personnel management in federal, state and local governments; strategic planning and policy making, position management, staffing, performance management, workplace relations.

**564 (3) Aging: Policy Issues**

The public policy process and issues as related to the generations, particularly to older Americans. Focuses on the policy context as well as the specific policies and programs.

**570 (1-4) Topics in Institutions, Process**

This course explores topics in political institutions and process beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**572 (3) Urban Government**

Politics of cities and metropolitan areas. Discusses the impact of race, class, gender, immigrant status issues, intergovernmental relations, and how citizens can influence urban politics.

**573 (3) The Legislative Process**

United States Congress and state legislatures, with some cross-national comparisons. Legislative structure, powers; districting, elections, representation, constituency relations; committee system, parties, law-making process, rules and procedure, decision-making, relations with executives and courts. Reforms.

**574 (3) The Executive Process**

Examination of executive politics in United States at a federal and state level, with some cross-national comparisons. United States Presidency and executive branch, governors and state executive branches, mayors, and other local executives.

**575 (3) The Judicial Process**

An examination of the structure, jurisdiction and processes of federal and state courts. Emphasis is placed on selection of judges and justices and on the dynamics of judicial decision-making.

**580 (1-4) Topics in Participation and Behavior**

This course explores topics in political participation and behavior beyond what is covered in the existing curriculum. Students study specialized topics of current importance in the field. Specific topics will change depending on the term and instructor. May be retaken with a change of topic.

**582 (3) Campaigns and Elections**

Elections in the United States at the federal, state and local levels. Election law, history, factors affecting elections, voting behavior, campaign finance, role of parties and groups, campaign strategy and tactics.

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Analysis of contemporary elections.

**583 (3) Political Parties**

Parties in United States at the federal, state, and local levels. Cross-national comparisons. Decline and revival of parties. What parties do. Are two party systems best? Are third parties the answer? Party organization. Voting behavior. Legislative, executive parties. Minnesota focus.

**584 (3) Women and Politics**

Politics impact on women: women's impact on politics and governance; primary focus on United States but some comparative considerations.

**585 (3) Terrorism and Political Violence**

History, philosophy, techniques and countermeasures to terroristic and low intensity threats to public order. Both domestic and international terror. The blurring of the lines between low intensity conflict/terrorism and multinational high intensity crime.

**586 (3) Racial and Ethnic Politics**

This course examines the interrelationships between race/ethnicity and politics in the United States with a focus on African Americans, Asian Americans, Hispanics and Native Americans: their experiences, political attitudes and behaviors, and representation in government. We will examine how some issues, including crime, welfare and immigration, have taken a racial cast as well as white attitudes toward racial and race-related policies.

**587 (3) Political Psychology**

This course examines how psychological ideas and processes (such as intergroup and intragroup relations, stereotyping and authoritarianism) illuminate concepts, theories and principles used in understanding political life. We will explore the contributions of psychology in political arenas such as presidential greatness and character, foreign policy decision-making, political tolerance and mass violence and genocide.

**590 (1-6) Workshop**

Selected topics. May be repeated with change of topic.

**600 (3) Research Methods**

Concepts and methods of conducting applied social science research.

**606 (3) Organization Theory**

Theories and practices of complex public organizations.

**610 (3) Seminar: American Politics**

This course explores topics important to the study of American politics. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**611 (1) Orientation for Graduate Students**

Orientation to graduate programs in political science and public administration to facilitate a successful

experience in the programs.

**620 (3) Seminar: Comparative Government**

This course explores topics important to the field of comparative politics. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**622 (3) Seminar: Theory and Practice of Public Administration**

A capstone course designed to test the student's ability to synthesize and apply information and concepts from the various areas in public administration such as budgeting, personnel administration, finance, organization theory, and policy evaluation. —Ideally this course should be taken at the end of a student's program in public administration

**628 (3) Seminar: Public Management**

An examination of modern principles and techniques of leadership and management. Emphasis is placed on the interactive style of leadership and behavioral concepts of management.

**630 (3) Seminar: International Relations**

This course explores topics important to the field of international relations. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**640 (3) Seminar: Political Parties**

This course explores topics important to the study of political parties. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**650 (3) Seminar: Political Theory**

This course explores topics important to the field of political theory. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**660 (3) Seminar: Public Administration**

This course explores topics important to the study of public administration. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**662 (3) Human Resource Management**

Change is the constant in today's human resource management in public organizations. The technical framework for productivity improvement and employee development is placed in the context of the legal environment. Emphasis is on managing diversity.

**663 (3) Budget and Fiscal Management**

An in depth study of public budgeting and fiscal management, with emphasis on the approaches to budgeting and background on public revenues and revenue management.

**665 (3) Seminar: Bureaucracy and Administrative Process**

An examination of law and politics in the formal and

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informal decision-making processes of large state and federal administrative agencies. Emphasis is placed on formal rule making and adjudicatory processes.

**669 (3) Seminar: Public Policy Analysis**

Focuses on evaluation of public policy and programs through a variety of qualitative and quantitative techniques, e.g., models, forecasting, cost-benefit analysis.

**670 (3) Seminar: Public Law**

Topics in Public Law. Subject areas will vary from semester to semester. The course may be taken up to three times as topics change.

**671 (3) Seminar: Police Administration/Policy**

Topics such as administrative philosophies, organizational structures, ethics, policy formation and implementation, discipline, productivity and staff development. May be repeated for up to nine credits as topics change.

**680 (3) Seminar: State-Urban Governance**

This course explores topics important to the study of state and urban government and governance. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**691 (1-8) Internship**

Field placement with a governmental agency or related organization. Provides a learning experience in which the student can integrate and apply knowledge and theory derived from curriculum. Pre: consent of advisor

**692 (1-5) Individual Study**

Advanced study and research on topics not currently available in existing courses. May be repeated with a change of topic. Requires advisor and instructor approval of topic.

**694 (1-2) Alternate Plan Paper**

For those choosing to write an alternate plan paper.

**695 (1-3) Topics: Public Administration**

This course explores topics important to the study of public administration. Specific topics may change depending on the term and instructor. May be retaken with a change of topic.

**699 (3-6) Thesis**

For those choosing to write a thesis.

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## PSYCHOLOGY

College of Social and Behavioral Sciences  
*Clinical Psychology Department*  
23 Armstrong Hall • 507-389-2724

See **CLINICAL PSYCHOLOGY** or **INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY**

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## PUBLIC ADMINISTRATION MA

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## PUBLIC ADMINISTRATION/ URBAN AND REGIONAL STUDIES (JOINT) MA

*College of Social and Behavioral Sciences*  
*Political Science Department*  
109 Morris Hall • 507-389-2721

See **POLITICAL SCIENCE**

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## RECREATION, PARKS AND LEISURE SERVICES

*College of Allied Health and Nursing*  
*Recreation, Parks and Leisure Services Department*  
213 Highland North • 507-389-2127

**Chair:** James T. Jack, M.S.

Joy Joyner, Re.D., James Petersen, Ph.D.

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RECREATION, PARKS AND LEISURE SERVICES graduate students may develop a recreation core within the Multidisciplinary Studies Master of Science degree program. For more information on this program, please refer to Multidisciplinary Studies, Individualized Option. Leisure is projected as one of the leading growth areas in the American economy in the future. The shortened work week, high-technology-driven professions, the wellness movement and the desire for an increased quality of life are among the forces making the prediction a reality.

Career opportunities in a variety of settings are currently available, including entry- and management-level positions demanding leadership skills and organizational, implementation and administrative competencies. Jobs occur with public, non-profit and private sectors and include positions in therapeutic, municipal, commercial and military recreation, travel and tourism, and special event administration, among many.

The department includes a flexible, up-to-date program of course offerings, along with many opportunities to gain practical experience through internships, workshops, seminars, in-service experience and field studies. Combining Recreation, Parks and Leisure Services courses with coursework in other areas, students may complete a **Master of Science in Multidisciplinary Studies** degree. See the section on the Individualized Option for Multidisciplinary Studies in this bulletin for degree requirements.

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## COURSE DESCRIPTIONS

**547 (3) Programming in Therapeutic Recreation**

This course details the Therapeutic Recreation process: assessment, planning, implementation and evaluation in relation to individual treatment programs in Therapeutic Recreation Service. Emphasis is on interpreting assessment data, writing measurable goals