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7KH &ROOHJH RI $UWV DQG 6FLHQFHV LV IURP ERWK KLVWRULFDO DQG IXQFWLRQDO SRLQWV RI YLHZ WKH FRUH RI WKH PRGHUQ XQLYHUVLW\ 7KH &ROOHJH RI $UWV DQG 6FLHQFHV YLHZV FUHDWLY LW\ LQTXLU\ DQG XQGHUVWDQGLQJ DV DPRQJ WKH JUHDWHVW YDO XHV LQ KXPDQ H[SHULHQFH 7KXV WKH &ROOHJH RI $UWV DQG 6FLHP`HHNV ULFKQHVV WKURXJK GLYHUVLW\ RI LWV SURJUDPV DQG VWUHQJWK WKURXJK HUXGLWLRQ

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Please refer to http://admissions.troy.edu/graduate/academicPrograms for specific program availability by location

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The M.S. program and certificate in the Biomedical Sciences are designed to achieve the following: 1) to prepare students for future entry into medical and other professional schools in the health sciences and 2) to provide students with advanced knowledge in the biomedical sciences.

Upon completion of the degree program, students will gain a thorough knowledge of biomedical concepts developed through courses that focus on the changing face of medicine and biotechnology. This program will foster strategic and critical thinking, logical analysis, and propose solutions to the challenges of medicine, the allied health sciences, and biotechnology.

The expected program learning outcomes of students enrolled in the Master of Science in the Biomedical Sciences include:

1. Demonstrate a conceptual competence of the basic biomedical sciences.
2. Develop a framework for maintaining technological currency in the biomedical sciences healthcare.
3. Develop critical thinking skills for applying scientific knowledge in problem-solving.
4. Acquire skills for developing hypotheses, analyzing data, and interpreting and communicating results in the biomedical sciences.
5. Develop written and oral skills for communicating effectively and professionally.
6. Promote ethical standards for all professional activities in the biomedical sciences and healthcare.

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Candidates for admission must have a baccalaureate degree from a regionally accredited college or university. Prerequisites include physics, general chemistry and organic chemistry. Students with undergraduate degrees outside of the biological sciences and chemistry are encouraged to inquire about the program.

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To apply for admission to the M.S. program in Biomedical Sciences, applicants must submit the following:

1. Completed Application for Admission to the Graduate School;
2. Official transcript(s) from all universities or colleges attended;
3. Official copy of one of the following: GRE (with writing score), MAT, or GMAT scores;
4. Two letters of recommendation from professors, physicians, or other appropriate professionals that address the applicant's potential for success in a graduate program; and
5. A 500-word personal statement that addresses the applicant's professional goals, readiness for graduate school, and potential for completing the M.S. B.M.S. program.

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Applicants may be admitted unconditionally if they meet the following requirements:

1. Applicants who have completed a master's or higher degree from a regionally accredited college or university may be admitted unconditionally. Applicants must submit all materials listed in Admission Requirements for the M.S. in Biomedical Sciences.
2. Attained a bachelor's degree from a regionally accredited adlpu ɻ ɔ ɸ ʊ riredmine ` ion sc.

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All certificate students must be admitted to the Graduate School and M.S. BMS program to qualify for the Certificate. See *UDGXDWH 6FKRRO 5HTXLUHPHQWV.

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Students admitted in the M.S. BMS program may qualify for the BMS Certificate by completing the required courses and maintaining an overall 3.0 grade point average or better. The Graduate Certificate requires 21 semester hours of coursework as described below:

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BMS	6615	3	Medical Microbiology and Immunology
BMS	L615	1	Medical Microbiology and Immunology Lab
BMS	6620	3	Neuroscience
BMS	6625	3	Medical Cell Biology
BMS	L625	1	Medical Cell Biology Lab
BMS	6635	3	Medical Physiology
BMS	6640	/	Ñ e

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The Master of Science in Environmental and Biological Science degree is offered as a 30 semester hour plus thesis or 36 semester hour non-thesis option. Both options require nine semester hours of core courses and 21 semester hours of concentration course options for thesis and 27 semester hours of concentration course options for non-thesis as follows:

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BIO	6601	3	Environmental and Biological Ethics
BIO	6630	3	Pollution Science
BIO	6691	3 cn nS	Research Methodology mM an gy T j669 4 W&

GEO	5526	3	Geography of the Russian Realm
GEO	6624	3	Geographic Characteristics of the Developing Realm
HIS	5503	3	Contemporary Europe
HIS	5504	3	Military History of the United States
HIS	5510	3	England since 1688
HIS	5515	3	Contemporary America, 1945 to Present
HIS	5523	3	U.S. Foreign Policy to 1920
HIS	5532	3	Russia to 1861
HIS	5533	3	Russia since 1861
HIS	5545	3	Modern Germany
HIS	5551	3	Modern East Asia
HIS	5583	3	Latin American States
HIS	5552	3	History of Africa
HIS	5556	3	History of the Middle East
HIS	6614	3	Contemporary Japan
HIS	6615	3	Seminar in Latin American History
IR	5502	3	International Political Geography
IR	5524	3	Contemporary American Foreign Policy
IR	5533	3	Comparative Government
IR	5552	3	International Law
IR	5570	3	Politics of Southeast Asia
IR	6600	3	Selected Topics in International Relations
IR	6602	3	Geostrategic Studies
IR	6610	3	International Organizations
IR	6612	3	Comparative Public Policy
IR	6625	3	Specialized Study in International Relations
	6626		
	6627		
IR	6629	3	Seminar in International Relations
	6630		
IR	6631	3	Intercultural Relations
IR	6633	3	Developed and Developing Nations
IR	6634	3	Tradition, Revolution, and Change
IR	6635	3	National Security Policy
IR	6640	3	Government and Politics of Developing Nations
IR	6641	3	Latin America in World Affairs
IR			

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GEO	5526	3	Geography of the Russian Realm
HIS	5503	3	Contemporary Europe
HIS	5510	3	England Since 1688
HIS	5545	3	Modern Germany
IR	6642	3	Russia and Eastern Europe in World Affairs
IR	6647	3	Western Europe in World Affairs
IR	6670	3	United Kingdom in World Affairs
IR	6672	3	Germany in World Affairs

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HIS	5583	3	Latin American States
HIS	6615	3	Seminar in Latin American History
IR	6640	3	Government and Politics of Developing Nations
IR	6641	3	Latin America in World Affairs
IR	6675	3	Central America in World Affairs
IR	6686	3	Drug Politics in the Americas
IR	6687	3	Free Trade and Economic Integration in the Americas

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Students must choose two courses from the remaining electives listed for the Global Studies Concentration.

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&RPSUHKHQVLYH ([DPLQDWLRQ Students choosing this option must successfully complete a six-hour comprehensive examination, typically after all course work is completed or during the last term that they are registered for course work. Comprehensive examinations are given each term. Examination questions are developed by the MSIR faculty and approved by the Chair. Students must pass by successfully demonstrating the ability to integrate and synthesize information obtained from the course work. The comprehensive examination is graded by a minimum of two full-time and selected part-time MSIR faculty, reviewed by the Chair, and certified by the Graduate Dean. Troy University faculty and staff administer comprehensive examinations.

2. 7KHVLV Students choosing the thesis option must register for IR 6668 (3 credit hours) and IR 6669 (3 credit hours) as their last two courses in the program. They must successfully research, write, and defend their thesis while taking IR 6668 and IR 6669. This process involves directed research in selected areas of international relations, based on the student's proposal, related to the student's needs, with the advice and approval of a thesis adviser and a faculty reader, and culminating in a substantive research paper of appropriate depth and scholarship. Students will receive a Pass or Fail for the two thesis courses, no letter grade. Students completing this option are not required to take

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CJ	6620	3	Current Trends in Criminal Law
CJ	6622	3	Seminar in the Administration of Justice
CJ	6624	3	Court Administration
CJ	6630	3	Juvenile Justice
CJ	6652	3	Seminar in Corrections

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IR	5524	3	Contemporary American Foreign Policy
IR	5551	3	Survey of International Relations
IR	5552	3	International Law
IR	6602	3	Geostrategic Studies
IR	6630	3	Seminar in International Relations
IR	6635	3	National Security Policy
IR	6656	3	International Power and Influence
IR	6660	3	Military Strategy and International Relations

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PA	6607	3	Performance Measurement and Management for Public and Nonprofit Organizations
PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation*
PA	6666	3	Foundations of Nonprofit Organizations
PA	6667	3	Executive Leadership in Nonprofit Organizations
PA	6668	3	Grant Management for Public and Nonprofit Organizations

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PA	6675	3	Public Health Services Administration and Policy
PA	6676	3	Legal and Social Issues in Public Health Administration
PA	6677	3	Public Health Preparedness and Emergency Response
PA	6678	3	Introduction to Public Health

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PA	6604	3	Workforce Planning and Staffing
PA	6605	3	Training and Development
PA	6606	3	Issues in Managing the Public Workforce
PA	6643	3	Advanced Public Human Resources Management
PA	6665	3	Leadership in Public Administration
PA	6668	3	Grant Management for Public and Nonprofit Organizations
PA	6679	3	e-Governance
PA	66xx	3	Approved Adviser elective

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PA 6625 Specialized Study in Public Administration or PA 6660 Readings in Public Administration may be utilized in any concentration with the prior approval of the Director of the MPA Program. In combination, these courses may not be used for more than six total credit hours. A course completed for one concentration cannot be used for another concentration.

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Applicants who want to pursue the Graduate Certificate in Government Contracting must be admitted to the Graduate School and MPA program. See Graduate Admissions and MPA Admission requirements.

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The Graduate Certificate in Government Contracting requires the following four courses:

PA	6645	3	Managing Government Contracts
PA	6647	3	Advanced Contract Administration
PA	6648	3	Contract Negotiation
PA	6649	3	Government Contract Law

Admitted MPA students may qualify for the Certificate by completing the four required courses and maintaining an overall 3.0 GPA or better in order to meet certification requirement.

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Students who wish to be issued a certificate must submit the following to their home campus:

Certification Intent

Copy of student transcript

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PA	6603	3	Economics for Public Management
PA	6607	3	Performance Measurement and Management for Public and Non-profit Organizations
PA	6620	3	Theory of Organizations
PA	6630	3	Strategic Planning
PA	6631	3	Program Evaluation
PA	6640	3	Intergovernmental Relations
PA	6644	3	Administrative Law
PA	6645	3	Managing Government Contracts
PA	6646	3	Organizational Behavior