

Department of Physics

**124 Smith Hall
(716) 395-2182**

Chairperson: Richard V. Mancuso; *Associate Professor:* Mancuso; *Assistant Professor:* Dmitri I. Popov, Mohammed Z. Tahar.

Physics Programs

Physics is the study of the fundamental properties and interactions of matter and energy; it has applications in virtually every field of pure and applied science, such as engineering, optics, materials science, space science, and medicine. A degree in physics, engineering, or astronomy is excellent preparation for:

- Employment as an engineer or technician in industry, government, or a university laboratory.
- Graduate study in physics, engineering, astronomy, or mathematics, leading to careers in university and college teaching or leadership positions in industrial research projects.
- Professional school in law, medicine, or business.
- Teaching at the secondary (grades 7-12) level.

Mathematical Preparation

Students planning to major in physics should have completed algebra, geometry, and trigonometry in high school; pre-calculus and calculus are desirable but not necessary preparation.

Students who are unable to take Calculus I (MTH 201) in their first semester will be unable to complete a degree in physics in four years without summer study.

While at SUNY Brockport, every physics student must, as a minimum, complete courses in calculus, differential equations, linear algebra, and statistics. Students who plan to go on to graduate study in physics or engineering are encouraged to take additional mathematics courses.

Specialties Within the Physics Major

Students majoring in physics may choose from one of three specialties: physics, 3+2 engineering, or teacher certification. Students in all specialties must take the physics core course as well as required supporting courses in mathematics, chemistry, and computer science; further coursework is then tailored to the individual specialty.

In addition to these specialties within the physics major, the department also offers a minor in physics.

1. Physics

This specialty is intended for students who plan to enter graduate school in physics or work in industry.

2. Engineering 3+2

SUNY Brockport has a 3+2 physics/engineering program in cooperation with SUNY Binghamton, SUNY Buffalo, Case Western Reserve University, Clarkson University, and Syracuse University. A student enrolled in the 3+2 program spends three years in the physics program at SUNY Brockport and then two years at one of the engineering schools. At the end of the program, the student earns a bachelor's degree in physics from SUNY Brockport and a bachelor's degree in engineering from Binghamton, Buffalo, Case Western, Clarkson, or Syracuse.

Transfer to an engineering school is contingent upon satisfactory performance in the physics program at SUNY Brockport.

3. Certification for Secondary Teaching

Physics, in conjunction with the Department of Education and Human Development, offers a specialty that leads to provisional certification in secondary level (grades 7-12) physics teaching. The physics course requirements for this track are identical to those for physics, however, additional course work outside the department is needed to satisfy the requirements for

certification. For a complete listing of the requirements for secondary teacher certification, consult the Department of Education and Human Development in this catalog.

Course Requirements

Course requirements for each specialty within the physics major are listed below:

Physics Core: (Required of all physics specialties)		Credits
PHS 201-202	College Physics I and II with Laboratory	8
PHS 300	Classical Physics	3
PHS 302	Dynamical Systems	3
PHS 303	Classical Physics Laboratory	1
PHS 317	Modern Physics	3
PHS 318	Modern Physics Laboratory	1
PHS 320	Electricity and Magnetism	3
PHS 400-401	Physics Seminar I and II	2
PHS 301	Mathematical Methods of Physics	3
Total:		27

Supporting Courses: (Required of all physics specialties)		Credits
MTH 201-202-203	Calculus I-II-III	9
MTH 424	Linear Algebra	3
MTH 455	Differential Equations	3
CHM 205-206	College Chemistry I-II	8
CSC 203*	Fundamentals of Computer Science 1	4
Total:		27

*CSC 203 also fulfills the College Computer Literacy requirement.

Physics Specialty:		Credits
Physics Core		27
PHS 408-409	Physical Methods Laboratory I-II	2
PHS 411	Quantum Mechanics	3
	300/400 Level Physics Elective	3
Total:		35

Teacher Certification Specialty:		Credits
Physics Core		27
PHS 408-409	Physical Methods Laboratory I-II	2
PHS 411	Quantum Mechanics	3
	300/400 Level Physics Elective	3
Total		35

3+2 Engineering Specialty:		Credits
Physics Core		27
PHS 315	Statics	3
PHS 408-409	Physical Methods Laboratory I or II	1
	300/400 Level Physics Elective	3
Total:		34

Minor in Physics:		Credits
PHS 201-202	College Physics I-II with Laboratory	8
PHS 300	Classical Physics	3
PHS 301	Mathematical Methods of Physics	3
PHS 303	Classical Physics Laboratory	1
	and one of the following	
PHS 317	Modern Physics	3
OR		

PHS 302	Dynamical Systems	3
	OR	
PHS 320	Electricity and Magnetism	3
	Total:	18

Physics Courses

PHS 111 General Physics I (A,N). *Corequisite: MTH 121.* Algebra-based introductory physics. Covers the fundamental principles of mechanics and heat. Closed to anyone who has successfully completed PHS 115. Three hours of lecture per week. 3 Cr. Fall.

PHS 112 General Physics II (A). *Corequisite: PHS 111 or PHS 115.* Algebra-based introductory physics. Covers sound, electricity and magnetism, light and quantum physics. Closed to anyone who has successfully completed PHS 116. Three hours of lecture per week. 3 Cr. Spring.

PHS 115 General Physics I with Laboratory (A,L). *Corequisite: MTH 121.* Algebra-based introductory physics. Covers the fundamental principles of mechanics and heat. Includes experiments in mechanics and heat. Closed to anyone who has successfully completed PHS 111. Three hours of lecture and three hours of lab per week. 4 Cr. Fall.

PHS 116 General Physics II with Laboratory (A). *Prerequisite: PHS 111 or 115.* Algebra-based introductory physics. Covers sound, electricity and magnetism, light and quantum physics. Includes experiments on sound, electricity and magnetism, optics and modern physics. Closed to anyone who has successfully completed PHS 112. Three hours of lecture and three hours of lab per week. 4 Cr. Spring.

PHS 201 College Physics I with Laboratory (A,L). *Corequisite: MTH 201.* Introduces the fundamentals of mechanics and thermodynamics, including kinematics, Newton's laws, energy, rotational motion, kinetic theory of gases, and the first and second law of thermodynamics. Three hours of lecture and three hours of lab per week. 4 Cr. Fall.

PHS 202 College Physics II with Laboratory (A). *Prerequisite: PHS 201 or 211; corequisite: MTH 202.* Introduces the fundamentals of electricity, magnetism, optics and sound, including the electric field, electric potential, electrical circuits, the magnetic field, Maxwell's equations, and wave propagation. Three hours of lecture and three hours of lab per week. 4 Cr. Spring.

PHS 211 College Physics I (A,N). *Corequisite: MTH 201.* Introduces the fundamentals of mechanics and thermodynamics, including kinematics, Newton's laws, energy, rotational motion,

kinetic theory of gases, and the first and second law of thermodynamics. Three hours of lecture per week. 3 Cr. Fall.

PHS 212 College Physics II (A). *Prerequisite: PHS 201 or 211; corequisite: MTH 202.* Introduces the fundamentals of electricity, magnetism, optics and sound, including the electric field, electric potential, electrical circuits, the magnetic field, Maxwell's equations, and wave propagation. Three hours of lecture per week. 3 Cr. Spring.

PHS 300 Classical Physics (A). *Prerequisite: PHS 202 or 212; corequisite: MTH 203.* The first part of a one-year transition to advanced physics. Discusses topics in classical physics with an emphasis on mathematical methods. Includes topics such as: the linear oscillator equation, mechanical waves, interference and diffraction, Fourier analysis, and the electromagnetic field. Three hours of lecture per week. 3 Cr. Fall.

PHS 301 Mathematical Methods of Physics (A). *Prerequisite: MTH 203.* Presents a survey of mathematical methods used in the physical sciences. Includes topics such as vector analysis, linear algebra, partial differentiation, multiple integration, Fourier series and complex analysis. Three hours of lecture per week. 3 Cr. Spring.

PHS 302 Dynamical Systems (A). *Prerequisites: PHS 300 and PHS 301, or CPA 404.* An introduction to dynamical systems. Topics include flows in phase space, bifurcation theory, the Lagrangian and Hamiltonian formulation of dynamics, limit cycles and chaotic systems. Chaotic dynamics will be studied in computational projects. Appropriate programming languages, such as C and C++, and software packages such as Mathematica will be used. A solid understanding of differential equations is essential. Three hours of lecture per week. 3 Cr. Spring.

PHS 303 Classical Physics Laboratory (A). *Corequisite: PHS 300.* Allows students to perform experiments on mechanical and electrical oscillators, Fourier analysis, and wave properties of sound and light. Methods of data analysis, such as curve fitting and error propagation, will be introduced. Three hours of lab per week. 1 Cr. Fall.

PHS 306 Circuits Laboratory (A). *Corequisite: PHS 309.* Includes experiments such as basic DC and AC measurements; circuit theorems; transient response; frequency response; impedance measurement; Fourier analysis. Three hours of lab per week. 1 Cr.

PHS 309 Circuit Theory (A). *Corequisites: PHS 301.* Treats the operation of resistors, capacitors, and inductors; phasors; circuit laws; network theorems; signal wave forms; transient and steady-state circuit response; and general network analysis. Three hours of lecture per week. 3 Cr.

PHS 310 Electronics Laboratory (A). *Corequisite: PHS 311.* Allows students to perform experiments including direct and alternating current circuits, power supplies, solid-state devices, amplifiers, oscillators, and elementary digital circuits. Three hours of lab per week. 1 Cr.

PHS 311 Electronics (A). *Prerequisite: PHS 309.* Treats the operation of semiconductor devices, diode circuits, single-transistor amplifier design and analysis, multistage amplifiers, feedback amplifiers, op-amp circuits, digital circuits, noise, and transducers. Three hours of lecture per week. 3 Cr.

PHS 315 Statics (A). *Prerequisite: P HS 301.* Intended especially for students in the 3 + 2 engineering program. Presents a detailed study of forces in equilibrium. Applies treatment to single particles, rigid bodies and systems of particles including the analysis of trusses, frictional forces, potential energy, conditions of stability and virtual work. Three hours of lecture per week. 3 Cr.

PHS 317 Modern Physics (A). *Prerequisite: PHS 300.* Provides an introduction to the theory of special relativity; kinetic molecular theory; the concept of quantization as it applies to matter, charge and energy; the postulates of quantum mechanics; and the solutions of the quantum mechanical wave equation for the simple harmonic oscillator and the hydrogen atom. Three hours of lecture per week. 3 Cr. Fall.

PHS 318 Modern Physics Laboratory (A). *Corequisite: PHS 317.* Allows students to perform experiments, including charge-to-mass ratio of the electron, photo-electric effect, microwave diffraction, the Compton Effect, and measurement of nuclear radiations. Three hours of lab per week. 1 Cr. Fall.

PHS 320 Electricity and Magnetism (A). *Prerequisites: PHS 300 and 301.* Covers the theory of electromagnetic fields developed using vector calculus. Includes development in electrostatic and magnetic fields in vacuum and in matter, time-varying fields, magnetic induction, Maxwell's Equations and the propagation of electromagnetic waves, with applications to superconductors, wave guides and radiation fields. Three hours of lecture per week. 3 Cr. Spring.

PHS 399 Independent Study in Physics (A). *Prerequisite: Instructor's permission.* Arranged in consultation with the instructor-sponsor and in

accordance with the procedures of the Office of Academic Advisement/Transcript Evaluation prior to registration. 1–6 Cr.

PHS 400 Seminar I (A). *Prerequisite: Permission of departmental majors' advisor or course instructor.* Includes attendance at seminars, critique writing, and participation in career and employment work shops. One hour per week. 1 Cr. Fall.

PHS 401 Seminar II (A). *Prerequisite: PHS 400.* Includes preparation and presentation of a technical speech by each registrant. One hour per week. 1 Cr. Spring.

PHS 408 Physical Methods Laboratory I (A). *Prerequisites: MTH 203, PHS 202, and CHM 206.* The statistical treatment of data, propagation of errors, graphs, and report writing. Students conduct experiments using modern physical measurement techniques and produce written scientific reports describing and analyzing the methods and their results. 1 Cr. Fall.

PHS 409 Physical Methods Laboratory II (A). *Prerequisite: P HS 408.* Students conduct experiments using modern physical measurement techniques and produce written scientific reports describing and analyzing the methods and their results. 1 Cr. Spring.

PHS 411 Quantum Mechanics (A). *Prerequisites: PHS 302 and 317, or CHM 405 and 406.* Provides an introduction to quantum mechanics, including solution of the Schrodinger equation and development of matrix formulations. Topics include potential wells, potential barriers, hydrogen-like atoms and time-independent perturbation theory. Three hours of lecture per week. 3 Cr. Spring.

PHS 413 Thermodynamics and Statistical Mechanics (A). *Prerequisites: PHS 302 and 317 or CHM 405 and 406.* Studies the laws of thermodynamics, the statistical description of systems of particles, and application of these laws to microscopic and macroscopic systems. Three hours of lecture. 3 Cr. Fall.

PHS 414 Optics (A). *Prerequisite: PHS 300.* Covers geometrical and physical optics, including ray optics, interference, diffraction and polarization, the wave theory of light; and the design and performance of optical instruments, lasers, and holography. Three hours of lecture and three hours of lab per week. 4 Cr.

PHS 415 Condensed Matter Physics (A). *Prerequisites: PHS 301.* Provides an introduction to the principles of condensed matter physics. Covers topics including crystal structure, the free electron model of solids, band theory, magnetism and super conductivity. Three hours of lecture per week. 3 Cr.

PHS 499 Independent Study in Physics (A).

Prerequisite: Senior status. Arranged in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement/Transcript Evaluation prior to registration. 1–6 Cr.

Astronomy Courses

AST 201 General Astronomy with Laboratory (A,L).

Corequisite: QNT 111. Studies the sun, moon, planets, stars, and other objects in heavens with particular attention given to types of evidence upon which knowledge of astronomy is based. Provides for observation, both with unaided eye and with telescope. When appropriate, utilizes the college planetarium to develop certain concepts. Three hours of lecture and three hours of lab per week. 4 Cr.

AST 211 General Astronomy (A,N). *Corequisite: QNT 111.* Studies the sun, moon, planets, stars,

and other objects in heavens with particular attention given to types of evidence upon which knowledge of astronomy is based. Provides for observation, both with unaided eye and with telescope. When appropriate, utilizes the college planetarium to develop certain concepts. Three hours of lecture per week. 3 Cr. *Fall and Spring.*

AST 399 Independent Study in Astronomy (A).

Prerequisite: Instructor's permission. Arranged in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement/Transcript Evaluation prior to registration. 1–6 Cr.

AST 499 Independent Study in Astronomy (A).

Prerequisite: Senior status. Arranged in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement/Transcript Evaluation prior to registration. 1–6 Cr.

Department of Political Science and International Studies

**228 Faculty Office Building
(716) 395-2584**

Chairperson and Professors: Stephen H. Ullman; *Distinguished Teaching Professor:* W. Raymond Duncan; *Assistant Professors:* Mark Chadsey, John J. Fitzpatrick, Dena Levy, Andrea Rubery; *Visiting Lecturer:* Rebecca R. Jones

The Department of Political Science and International Studies offers two majors. The *political science major* provides concentrations designed for careers in the public and private sectors—ranging from government service and practical politics to such fields as law, state and local government, international affairs and diplomacy, teaching, journalism and intergovernmental organizations. The political science major is well-suited to many careers where knowledge of government behavior and institutions is useful. The *international studies major* is *multidisciplinary* in nature—training students for careers associated with foreign policy, international business, international organizations and other occupations requiring individuals who are “globally skilled.” International studies is well suited to a host of professions associated with the emergence of a globally interdependent world.

Political Science Major

Political science is the study of the state and of power relations within states and among them, as they are and as they ought to be. It seeks better understanding of political and governmental behavior and institutions in order to enable society to use its collective resources more effectively for the general welfare. The principal sub-fields in the SUNY Brockport department are political Philosophy, American politics and government, comparative government and politics, and international relations.

Political science is a liberal arts discipline; therefore, the SUNY Brockport department emphasizes its contributions to the general intellectual development of students. Its subject matter is essential for informed, effective citizenship and is especially pertinent for those entering the fields of law, government service, politics, journalism, and social and global studies.

The department administers three student award funds for the Brockport College Foundation. The James A. Schiller Memorial Award is given to an incoming student who has demonstrated an interest in practical politics or public service, intends to major in political science,

and plans a career in politics or public service. The Harold Rakov Memorial Award is intended for an upper-division political science major and is awarded on the basis of academic performance. The Paul Hanks Memorial Award is presented to a pre-law student.

Service Courses in Political Science

The Department of Political Science offers courses to meet a variety of student educational needs and graduation requirements. These include:

I. General Education

A. Social Sciences Breadth Component courses:

PLS 111	International Relations
PLS 112	Comparative Politics
PLS 113	American Politics

B. Humanities Breadth Component courses:

PLS 203	Political Thought
---------	-------------------

C. Computer Literacy courses:

PLS 300	Political Statistics
---------	----------------------

D. Comparative Perspective courses:

PLS 112	Comparative Politics
---------	----------------------

E. Contemporary Issues courses:

PLS 314	Issues in American Politics
PLS 338	Global Issues
PLS 356	Political Economy
PLS 362	Women in Western Political Thought
PLS 435	Legal Rights of the Disadvantaged

F. Perspectives on Women courses:

PLS 313	Gender Politics
PLS 362	Women in Western Political Thought
PLS 435	Legal Rights of the Disadvantaged

II. Corequisites for other majors. Some political science courses are corequisite requirements for academic majors offered by other departments, such as Criminal Justice.

III. Free electives. Political science courses may be used as free electives to satisfy intellectual curiosity or to complement other aspects of a student's program.

IV. Overseas academic programs. The department participates in the SUNY Brockport social science programs in London and Paris. SUNY Brockport is home of the most comprehensive overseas education program in the SUNY system; more students study abroad through SUNY Brockport than through any other SUNY overseas program.

V. Academic internship programs. The department operates the SUNY Washington Semester Program, the premier internship program in Washington, D.C. It also participates in the Albany Semester Programs which introduces students to New York state government. In addition, the department offers internships in campaigns, county and local governments, political parties, and law offices.

Major in Political Science

I. The political science academic major program requires a total of 36 credits, distributed as follows:

A. Nineteen credits in the following required courses:

	Credits
PLS 111	3
PLS 112	3
PLS 113	3
PLS 203	3
PLS 300	4

PLS 302	Approaches to Political Analysis	3
	Total:	19

B. Twelve credits in upper division courses (300/400 level) including at least one course from each of the four sub-fields: American Politics, Political Philosophy, International Relations and Comparative Politics.

American Politics Courses: PLS 308, 311, 312, 314, 316, 317, 318, 319, 320, 324, 326, 353, 361, 401, 402, 412, 420, 425, 435, 466, 467, (492, 493, Albany Semester), (495, 496, 497, Washington Semester),

Comparative Politics Courses: PLS 340, 342, 343, 346, 348, 364, 383, 437, 438, 447, 448, 470, 475

International Relations Courses: PLS 304, 305, 333, 338, 410, 444, 445, 475

Political Philosophy Courses: PLS 313, 353, 354, 356, 362

C. Five additional credits in PLS electives.

II. Every political science major must have a faculty advisor who must be consulted at least once each semester.

Minor in Political Science

The political science academic minor program requires 18 credits in political science courses, including two of the four required lower-division courses for majors, either of the two required upper-division courses for majors, and nine additional credits in upper-division political science courses. Every political science minor must have a faculty advisor who must be consulted at least once each semester.

Pre-law Preparation

Students preparing to enter law school may do so through any of SUNY Brockport's many academic major programs, provided that their undergraduate program is broad and liberal in the classic sense. More important than specific subject matter, according to law educators, is the development of skills and habits conducive to legal reasoning. Special advisement for students preparing for law school is available through Brockport's Pre-law Advisement Committee. Contact the Department of Political Science, Faculty Office Building, (716) 395-2584.

Political Science Courses

PLS 111 International Relations (A,S,C,O). Studies the macro international political system, traditional power politics, and emerging global interdependence. 3 Cr. Every Semester.

PLS 112 Comparative Politics (A,S,W,D). Examines the government and politics of selected foreign countries. 3 Cr. Every Semester.

PLS 113 American Politics (A,S,D,C). Assesses the organization and interaction of the components of American national government. 3 Cr. Every Semester.

PLS 203 Political Thought (A,G). Studies the works of major political philosophers including Machiavelli, Hobbes, Locke, Rousseau, J.S. Mill, Marx, Lenin and Fascists. 3 Cr. Every Semester.

PLS 300 Political Statistics (A,T). Covers elementary statistics used in political science, including measures of central tendency and dispersion, normal distribution, contingency tables, regression and correlation. Note: Students who have received credit for BIO 431, ECN 204,

MTH 243, PSH 202, SOC 200, or transfer credit for an elementary statistics course from another institution, may waive PLS 300. Students will not receive credit for both PLS 300 and another elementary statistics course. 4 Cr. Every Semester.

PLS 302 Approaches to the Analysis of Political Science (A). Prerequisite or corequisite: PLS 300. Introduces students to the discipline of political science through examination of the assumptions, logic and techniques of several approaches to political analysis. 3 Cr. Every Semester.

PLS 304 International Organization Simulation (A). Consists of student preparation for and participation in the simulation of parts of the decision making process of an international or supranational organization. 3 Cr.

PLS 305 Politics of European Integration (A). Student preparation for and participation in simulation of decision-making process of the European Union. Simulation alternates annually between Brockport campus and European university. 3 Cr.

PLS 311 Parties and Elections (A). Prerequisite: PLS 113. Explores the importance of political

parties and election campaigns in American political life. Topics include U.S. parties in international context; competing institutions (interest groups and news media); how the parties have responded to recent challenges; the legal and regulatory environment in which they operate; the conduct of election campaigns for federal, state, and local office; and the behavior of voters and political activists. *3 Cr.*

PLS 312 Public Administration (A). Covers public management, inter-governmental relations, budgeting and finance, public personnel, program evaluation, and research. *3 Cr.*

PLS 313 Gender Politics (A,I,W). *Cross-listed as WMS 313.* Taught from a feminist perspective. Explores the socio-political barriers that have made women the “majority minority” or “silenced majority.” Covers several barriers including discriminatory legislation, political folkways and sex and gender roles, and myths that have created and perpetuated a male-dominated society. *3 Cr.*

PLS 314 Issues in American Politics (A,I). Covers a selection of contemporary issues of concern to our nation. Includes topics such as lobbying and democracy, the power of the president, and environmental protection vs. economic development. *3 Cr.*

PLS 316 Congressional Politics (A). *Prerequisite: PLS 113.* Analyzes decision making in Congress. Emphasizes factors influencing legislative behavior and the interaction of Congress with other governmental and non-governmental units. *3 Cr.*

PLS 317 American Presidency (A). *Prerequisite: PLS 113.* Explores the historical and contemporary roles of the president. Emphasizes interaction of the presidency with other governmental and non-governmental units. *3 Cr.*

PLS 318 State and Local Government (A). *Prerequisite: PLS 113.* Covers the organization, process, and functions of state and local governments with special reference to New York state. *3 Cr.*

PLS 319 Urban Politics (A). *Prerequisite: PLS 113.* Covers the politics and governments of America’s cities. *3 Cr.*

PLS 320 Law and the Legal Process (A). Covers the judicial process, including its structure and organization; and the political dimensions of judicial decision-making. *3 Cr.*

PLS 324 Constitutional Law I (A). *Prerequisite: PLS 320 or CRJ 305 or equivalent.* Covers the practices, customs and traditions of the Supreme Court. Focuses on the early cases decided by the Court. Includes topics such as judicial review, federalism, presidential and congressional power, the Commerce Clause, the federal court structure,

and nationalization of the Bill of Rights. *3 Cr. Every Semester.*

PLS 326 Constitutional Law II (A). *Prerequisite: PLS 320 or CRJ 305, or equivalent.* Surveys 20th century Supreme Court civil rights and civil liberties cases. Includes topics such as freedom of speech, press, religion, due process rights, equal protection, voting rights and rights of women and minorities. *3 Cr. Every Semester.*

PLS 333 American Foreign Policy (A). *Prerequisite: PLS 111 or 113.* Covers post-World War II American policy formation and execution. Explores the role of the presidency, Congress, the military, the intelligence branches and public opinion in shaping policy. *3 Cr.*

PLS 338 Global Issues (A,I,W). Covers a selection of issues such as military weapons growth, problems of world order, gender issues, international politics of energy, food, population growth and natural resources. *3 Cr. Every Semester.*

PLS 340 European Political Systems (A). *Prerequisite: PLS 112.* Provides an intensive, in-depth study of the politics and governments of selected western European countries, especially Great Britain, France, and Germany. *3 Cr.*

PLS 342 Latin American Politics (A). *Prerequisite: PLS 111 or 112.* Covers the major forces in Latin American domestic and international politics and U.S.-Latin American relations. *3 Cr.*

PLS 343 Canadian Politics and Society (A). *Prerequisite: PLS 111 or 112.* Explores Canada’s geography, history, demography and culture; federal and provincial institutions, e.g., the Prime Minister, House of Commons, parties; and governmental policy on language and international affairs. *3 Cr.*

PLS 346 Russian and East European Politics (A). *Prerequisite: PLS 111 or 112.* Explores the culture, ideology and political institutions of the former Soviet Union and its neighbors. *3 Cr.*

PLS 348 Politics of the Far East (A). *Prerequisite: PLS 112.* Explores the cultures, economics, and politics of China, Japan and South Asia. *3 Cr.*

PLS 353 American Political Thought (A). Explores the roots of liberalism and conservatism in the writings of Federalists and anti-Federalists, Populists, Utopians, Slavocracy, critics of democracy, the contemporary Right and Left. *3 Cr.*

PLS 356 Political Economy (A). Describes and analyzes the kind of political economic system that the welfare state represents. *3 Cr.*

PLS 361 Public Opinion (A). *Prerequisite PLS 111 or 112.* How do we develop our political ideas? How do these ideas relate to our personalities? In what ways does public opinion shape

the decision-making process of our government? In this course, students will acquire and apply research skills to find answers to these questions. 3 Cr.

PLS 362 Women in Western Political Thought (A,J,W,D). *Cross-listed as WMS 362.* Covers major theories of sexual politics, which include Freud's theory of femininity, reform liberalism, socialist theory, and the theory of radical feminism. 3 Cr.

PLS 383 Middle East in World Politics (A). *Prerequisite: PLS 111.* Studies political conflict in the Middle East in the context of global issues and international politics. 3 Cr.

PLS 392 Topics in Political Science (A). Covers selected topics focusing on contemporary political issues and problems. May be repeated as topics change. 3 Cr.

PLS 399 Independent Study in Political Science (A). Defined in consultation with the instructor sponsor and the Office of Academic Advisement. 3 Cr. *Every Semester.*

PLS 401 Local Government Internship (A). *Prerequisite: PLS 113.* Enables students to serve as interns in town, city or county government, engaging in such activities as research, constituent service, and planning. Provides placements in administrative agencies, as well as local legislative bodies. 3–6 Cr. *Every Semester.*

PLS 402 Legal Internship (A). *Prerequisite: PLS 320.* Provides an experiential learning opportunity. Places student interns in either a public or private law office, undertaking paraprofessional responsibilities. 6 Cr. *Every Summer.*

PLS 410 International Political Economy (A). Explores the political forces behind global economic relations. Key topics include international trade and monetary relations, the impact of the international system on domestic politics, and the relationship between rich and poor countries. Specific issues include the importance of the World Trade organization, regional trade blocs, and the political influence of multi-national corporations. 3 Cr. *Spring.*

PLS 420 Civil Liberties, Civil Rights and the Constitution (A). Examines public policy and constitutional rights, focusing on controversial constitutional issues such as affirmative action, capital punishment, adoption, and free press/fair trial. Utilizes a seminar format to discuss issues. 3 Cr.

PLS 435 Legal Rights of the Disadvantaged (A,I,W,D). *Cross-listed as AAS 435 and WMS 435.* An issue-oriented course. Provides an understanding of how the U.S. legal system can improve the status of disadvantaged blacks, Hispanics, women,

prisoners, poor, students, American Indians, homosexuals, and those with mental and physical disabilities. 3 Cr.

PLS 437 Studies in Social Science? London (A). Sponsored by Brunel University and SUNY Brockport. Enables students to live and study in London. Through lectures, discussions and field trips, allows students to examine relationships between British and American society and history. 15 Cr.

PLS 438 Studies in Social Science? Paris (A). *Cross-listed as HST 438.* Investigates French culture by studying one broad topic and one other topic in social sciences, plus study in French language and literature. Allows students to live and study in France. Requires class attendance, readings, field trips, and research. 15 Cr. *Every Semester.*

PLS 444 National Security (A). *Prerequisite: PLS 111 or 113.* Examines post-World War II and post Cold War changes in national security (military defense) policy perception, planning and implementation as a result of technological advances. In particular, focuses on military defense policies including strategies and tactics of the superpowers, their principal allies, and other powers of military consequence, the superpower arms race, arms control, limitation, and reduction. 3 Cr.

PLS 445 International Law and Organization (A). *Prerequisite: PLS 111.* Introduces modern public international law and major international organizations such as the United Nations and associated bodies, as well as major regional organizations. 3 Cr.

PLS 448 Leadership (A). *Prerequisite: PLS 113.* Draws upon recent scholarly studies and biographies to examine the essence of leadership in the modern age. Studies the uses of power that distinguish leaders from mere power holders. 3 Cr.

PLS 466 Environmental Politics (A). Investigates federal and New York state environmental policies and the relationship between the two. Divided into two parts: federal environmental policy and New York state environmental policy. Covers major environmental issues: air, water, land use, solid waste, hazardous waste, aesthetics and conservation, atomic energy, pesticides, and chemical waste. Requires two field trips. 3 Cr.

PLS 470 Nationalism (A). *Prerequisite PLS 111. Cross-listed as INS 470.* Examines the post World War II force of nationalism as a driving force in the international system, with special attention to the post Cold War period. Topics include ethnic nationalism and regional conflicts, multinational states and multistate nations. 3 Cr.

PLS 475 Political Geography (A,C). *Prerequisite PLS 111. Cross-listed as INS 475.* Covers key aspects of geopolitics as it affects foreign policy and international politics in the post World War II period. Examines such topics as resources, environment and human geography as well as issues associated with the study of geography-politics relationships: gateway states; shatterbelts; heartland concept; and trade ties. *3 Cr.*

PLS 492 Albany Internship (A). Enables selected students to serve as interns at the New York Assembly or Senate, or a state agency in Albany. Provides an experiential learning opportunity. *3-12 Cr. Every Semester.*

PLS 493 Albany Internship Seminar (A). Enables selected students to serve as interns at the New York State Assembly or Senate, or a state agency in Albany. Conducted on site in Albany. *3-6 Cr. Every Semester.*

PLS 495, 496 Internship in National Politics I & II (Washington Semester Program) (A). Enables selected students to serve as interns in an Executive branch, Congressional office/committee, Judicial office, political party organization, or a politicized private organization in Washington. Requires a major research project. *12 Cr. Every Semester.*

PLS 497 Seminar for National Interns (Washington Semester Program) (A). Focuses on the evaluation of lessons learned from the internship experience. Requires oral presentations concerning research projects. *4 Cr. Every Semester.*

PLS 499 Independent Study in Political Science (A). Defined in consultation with the instructor sponsor and the Office of Academic Advisement. *1-6 Cr. Every Semester.*

International Studies Major

International studies is an interdisciplinary major that provides students with a broadly-based course of study focusing on the driving forces in world affairs today. As a sole major, international studies is an excellent preparation for careers in government, international business and public service. As a second major, it complements study in many fields, because it centers on the international domain within which a wide range of careers operates.

At SUNY Brockport, we firmly believe that an international studies degree is an education in the future of our nation and the world because an international studies student will be versed not only in the subject areas studied, but will also be trained analytically in problem-identifying and problem-solving where international matters are concerned. Toward this end, international studies students will speak and write at least one foreign language, will have experienced one of SUNY Brockport's many outstanding study-abroad opportunities, and will be computer literate. Given the rise in global interdependence in communications, transportation, trade, financial transactions, and a host of other activities, a degree in international studies is a passport to the emerging challenges of the 21st century.

SUNY Brockport also offers interdisciplinary programs in international business, Asian studies, Canadian studies, and Latin American studies, as well as programs overseas that can be integrated into the international studies major. (See the department chair for further information.)

The international studies major consists of two components: (1) 18 credits of required foundation courses; and (2) 18 credits of upper-division course work in one of four tracks (area studies, multi-regional studies, international business, and environment). A semester of study overseas is strongly recommended. In addition, international studies majors must complete the foreign language requirements for the Bachelor of Arts degree (the Bachelor of Science degree is not available for this major). Specific requirements are described below:

The Curriculum

The international studies major requires 18 credit hours of required foundation courses, 18 hours of upper-division courses in one of four tracks and a foreign language requirement.

PLS 111 International Relations and PLS 112 Comparative Politics are required for the major.

Students choose four additional foundation courses:

AAS 104	Institutional Racism
ANT 100	Survival and Change
ARH 202	Survey of World Art II

ECN 202	International Business Environment OR BUS 345
ESC 102	Introduction to Physical Geography OR
PLS 475	Political Geography
ENL 164	Introduction to World Literature OR
ENL 165	International Fiction
HST 102	The Modern World
SOC 306	The US and the Third World
ECN 202	Principles of Macroeconomics

Note: The following Delta College courses have been determined to fulfill INS Core requirements:

- ANT 100 = DCC 215 or DCC 315
- ARH 202 = DCC 210 or DCC 310
- CMC 418 = DCC 220 or DCC 320
- ENL 164 or ENL 165 = DCC 210 or DCC 310
- HST 102 = DCC 215 or DCC 315

Upper division courses constitute four tracks:

The **Area Studies** track includes 18 credit hours in one of the following areas: Africa, Asia, Canada, Europe, or Latin America.

In the Africa track, students select either DNS 200 or DNS 330 but not both.

Examples of possible courses in these areas include:

Africa: *select one

AAS 302	History South Africa
*AAS 330	African Dance II
AAS 360	Africa Today
AAS 408	Pan-Africanism
AAS 410	Apartheid
AAS/HST 460	Modern Africa
AAS/ANT 404	Sub-Sahara Africa
ARH 450	Egypt/Near East Art
ARH 474	Islamic Art
ARH 478	African Art
CMC 418	Cross-Cultural Communication
*DNS 200	Traditional Dance-African
DNS 330	African Dance II
ENL 366	Arabic Culture & The West
HST 363	Islam
INS 380	Career Exploration
PLS 383	Mid East in World Politics
PLS 475	Political Geography

Asia:

ANT 332	China In Transition
ARH 470	Asian Art
CMC 418	Cross-Cultural Communication
ENL 365	Asia And The West
HST 361	History of Japan
HST 363	Islam
HST 387	Asian Survey
HST 388	Traditional China

HST 463	Rev & Communism China
HST 467	Modern South Asia
INS 380	Career Exploration
PLS 348	Government and Political Far East
PLS 364	Politics of Developing Countries
PLS 383	Mid East World Politics
PLS 447	Russia In Transition
PLS 475	Political Geography

Canada:

ENL 395	Intro Canadian Literature
CMC 418	Cross-Cultural Communication
HST 431	History of Canada
INS 380	Career Exploration
PLS 343	Canadian Politics/Society
PLS 475	Political Geography

Europe:

CMC 418	Cross-Cultural Communication
HST 300	Modern Europe
HST 325	Modern Irish History
HST 343	History of the Soviet Union
HST 351	Nazi Germany
HST 359	European Women
HST 364	History of Britain
HST 447	European Intellectual History
HST 449	Europe in 20 th Century
HST 456	Modern France
HST 459	Modern Germany
INS 380	Career Exploration
PLS 304	International Organization Simulations
PLS 305	Politics of European Integration
PLS 340	European Political Systems
PLS 346	Russian/East-European Politics
PLS 470	Nationalism
PLS 475	Political Geography

Latin America:

ANT 330	World Poverty/Underdevelopment
CMC 418	Cross-Cultural Communication
FCE/WMS 375	Latin-American Women
HST 432	20 th Century Latin America
HST 494	History of Mexico
PLS 342	Latin American Politics
PLS 475	Political Geography

Many other classes are also offered in each of these areas.

Many other classes are also offered in each of these areas:

The **Multi-Regional Studies** track requires students to complete a concentration of three courses in one of the above areas, with three courses in three other areas.

The **Environment** track includes 18 credits of course work focused on issues of global interdependence and ecology. *Students will take four of the following courses. Two electives may be selected in cooperation with an advisor.*

ANT 310	World Health Crises
ANT 315	The Migration Experience
ANT 321	Culture Change

ANT 330	World Poverty
BUS 345	International Business Environment
CHM 370	Energy and Environment
CHM 372	Environmental Issues
CMC 418	Cross-Cult Communication
ESC 364	Water Resource Issues
GEL 463	Environmental Geology
PLS 466	Environmental Politics
PLS/INS 470	Nationalism
PLS/INS 475	Political Geography

The International Business Track

ECN 202 from the INS core is a prerequisite for this track. Eighteen credits are required: BUS 335, BUS 345, BUS 433, BUS 445, ECN 441, PLS 410. Recommended courses are: PLS 300 or equivalent, an upper division course dealing with the region of the world that most interests you, BUS 365 and one computer science course.

Foreign Language Requirement

Student must demonstrate competence in an appropriate foreign language with the completion of one year of intermediate level study or an appropriate score on a qualifying exam. Advanced level study is strongly recommended.

Delta College Global Studies Track

The international studies major may be elected by Delta College students pursuing Option II—(see Delta College entry for details).

Study Abroad

International studies majors are expected to take advantage of one of SUNY Brockport's many opportunities to study abroad. Overseas programs may take the form of traditional studies or an internship program. Study abroad is possible through Brockport in England, France, Canada, Ghana, Jamaica, Japan, Greece, New Zealand, Jordan, Mexico, the Czech Republic and Russia. Internships are available with many organizations and businesses including the British Parliament, Amnesty International's home office in England, as well as many more in Scotland, Mexico and Costa Rica. Most study abroad and internships count toward completion of the major.

Closer to home, students may also take part in the Washington Semester Internship/Study Program. Work opportunities include the State Department, Amnesty International, Greenpeace, the World Bank, congressional committees on international affairs, and the World Health Organization.

(Contact Dr. John Perry or Pat Coates, Office of International Education, Morgan III, (716) 395-2119, for more information on study abroad and international internships.

International Organization Simulations

SUNY College at Brockport takes part in model United Nations and European Union simulations. Both acquaint students with the operations of international politics and the workings of these influential organizations.

International Studies Minor

Students choosing to minor in international studies must complete 18 credits of course work, including a minimum of six credits at the upper-division level. PLS 111 International Relations and PLS 112 Comparative Politics are required. A minimum of two additional courses must be selected from the following list:

ANT 100	Introduction to Cultural Anthropology
ENL 164	Introduction to World Literature
	OR
ENL 165	International Fiction
COM 418	Cross-cultural Communication

ESC 102	Elements of Geography
HST 102	The Modern World
OR	
PLS/INS 475	Political Geography
ECN 202	Principles of Economics-Macro
SOC 306	Social Changes in the Third World

For appropriate electives, consult departmental listings or see department chair.

International Studies Courses

INS 470 Nationalism (A). *Prerequisite PLS 111. Cross-listed as PLS 470.* Examines the post World War II force of nationalism as a driving force in the international system, with special attention to the post Cold War period. Topics include ethnic nationalism and regional conflicts, multinational states and multistate nations. *3 Cr.*

INS 475 Political Geography (A,C). *Prerequisite PLS 111. Cross-listed as PLS 475.* Covers key aspects of geopolitics as it affects foreign policy and international politics in the post World War II period. Examines such topics as resources, environment and human geography as well as issues associated with the study of geography-politics relationships; gate way states; shatterbelts; heartland concept; and trade ties. *3 Cr.*

Professions

Interdisciplinary Courses

The School of Professions sponsors several courses whose interdisciplinary content is applicable to students in many majors, both in the School of Professions and beyond. For information, contact the course professor or Dean of the School of Professions, 264 Faculty Office Building, (716) 395-2510.

PRO 204 Developmental Assessment (A). Investigates physiological, psychological, sociocultural, spiritual and developmental influences on the client. Emphasizes the use of multidisciplinary tools in assessing clients along the age continuum. Examines environmental forces that influence developmental outcomes. Investigates variables which will promote optimal stability for each of eight stages of life. Examines normal lines of defense for each stage to retain the greatest internal resistance. *3 Cr. Every Semester.*

PRO 307 Consumer Issues in Health Care (A,J,W). Examines the dilemmas increasingly confronted by health care consumers throughout life. Explores the need to develop personal values as well as skills in critical thinking and decision making. Examines issues such as: family abuse, genetic engineering, organ transplantation, substance abuse, mass screening, life support, euthanasia, and allocation of health care resources. *3 Cr. Every Semester.*

PRO 310 Research: Process and Critique (A). Introduces and examines the research process as it is evidenced in published professional journals.

Includes the scientific method as utilized in research: problem formulation, literature review, research design and methodology, data analysis, and interpretation of findings. Presents and applies criteria for critically evaluating research to current published research. Emphasizes active learning throughout. *3 Cr. Every Semester.*

PRO 407 Transcultural Issues in Health Care (A,J,W,D). Examines the issues and implications of health and culture; explores and evaluates social policy issues important to addressing the health needs of specific ethnocultural groups and women; examines a variety of historical and theoretical issues related to health and culture; discusses comparative health issues in developed and developing countries; and compares and contrasts health beliefs, values and practices of a diverse population. There is a major service learning component to this course which provide students with firsthand exposure to a cultural group different from their own. *3 Cr.*

PRO 410 Grants Writing (B). A basic, practical, how to course for the beginning grants writer. Includes types of funding sources, how to identify funding sources, and how to write foundation and government proposals. Requires writing a brief sample proposal. Appropriate for all majors. *1 Cr. Spring, Summer.*

PRO 452 Spanish for Health Professionals (A). Presents basic Spanish language useful for health professionals who work with Spanish speaking clients. Also examines cultural differences which impact health and health care decisions. *3 Cr.*

Department of Psychology

**133 Holmes Hall
(716) 395-2488**

Interim Chairperson and Associate Professor: Kelly Brennan; *Professors:* Stuart Appelle, Frederick Gravetter; *Associate Professors:* Sachio Ashida, Stacy Birch, Kelly Brennan, Lori-Ann Forzano, Janet F. Gillespie, William I. Riddell; *Assistant Professors:* David Abwender, Melissa Brown, Herbert C. Fink, Susan Shonk.

Psychology is the science of behavior. It covers the behavior of humans and animals, normal and abnormal behavior, and behavior across the life span. The field is concerned both with the development of principles of behavior and with their application to individuals, society, and the institutions of government, business, and mental health.

The undergraduate major in psychology is often taken in preparation for graduate education in the field, which is necessary for professional work in psychology. However, the study of behavior relates to almost any program of study or vocation, and courses in psychology are required or recommended for many programs offered at SUNY Brockport.

At SUNY Brockport, the psychology major provides students with a broad exposure to these different aspects of the discipline, while allowing concentration in a particular area of interest. The following psychology courses meet the Knowledge Areas requirement in the General Education core:

Natural Sciences: PSH 110

Natural Sciences with lab: PSH 112

The following courses meet the Contemporary Issues requirement in the General Education core:

PSH 455 and 457

The following course meets the Perspectives on Women requirement in the General Education core:

PSH 433

Major in Psychology

All majors are required to complete a minimum of 36 credits of psychology, half of which (18 credits) must be taken at SUNY Brockport. Courses graded Satisfactory/Unsatisfactory may not be counted toward the major. One may elect to take more than the minimum, but not more than 54 credits in psychology will count toward a degree. The major consists of three parts: a required core, one course from each of the four content areas, and five electives to be selected with advisement.

Part 1.

To ensure a common foundation, all majors must take the following three core courses, in the order listed.

Core:

A general psychology course (either PSH 110 or 112), and PSH 202 Introductory Statistics, which is a prerequisite for PSH 301 Research Methods in Psychology.

Part 2.

To be certain that each student covers the breadth of psychology, majors are required to take at least one course in each of the four content areas specified below. Only those courses listed below can be used to meet this 12-credit breadth requirement.

Group I (one required):

PSH 341	Biopsychology
PSH 342	Animal Behavior
PSH 352	Sensation/Perception

Group II (one required):

- PSH 331 Personality
- PSH 332 Social Psychology
- PSH 384 Child Psychology

Group III (one required):

- PSH 334 Abnormal Psychology
- PSH 336 Clinical Psychology
- PSH 397 Health Psychology

Group IV (one required):

- PSH 322 Conditioning and Learning
- PSH 325 Motivation
- PSH 351 Cognitive Processes

Part 3.

Group V (five required):

Each student selects at least five additional psychology courses with the approval of a faculty advisor.

To make normal progress in the major, a student should complete some of the knowledge courses, as well as the general psychology course (PSH 110 or 112) and PSH 202, before entering their junior year. Transfer students should see a psychology faculty advisor as soon as possible.

Minor in Psychology

A minor in psychology consists of 18 credits, nine of which must be upper-division. There are three specifically required courses: a general psychology course (PSH 110 or 112), Introductory Statistics (PSH 202), and Research Methods in Psychology (PSH 301). The remaining nine credits (three courses) are to be selected from the Department of Psychology course offerings with advisement. Courses graded Satisfactory/ Unsatisfactory may not be counted toward the minor. At least half of the minor credits (nine) must be taken at SUNY Brockport.

Psychology Courses

NOTE: 100- and 200-level courses are core course prerequisites (an introductory psychology course is a prerequisite for nearly all other courses offered; a statistics course is a prerequisite for PSH 301 Research Methods). Those courses at the 300 level cover basic content areas in the discipline of psychology and comprise the breadth requirement in the major; 400-level courses cover more specific content areas in the discipline (the distinction between 300- and 400-level courses is one of content focus, not necessarily content difficulty).

NOTE: Courses at the 100, 200, and 300 level are generally offered every semester. Information regarding scheduled offerings of 400-level courses can be obtained from the department secretary or from the *Schedule of Courses* published each semester.

PSH 110 General Psychology (A,N). Provides an introduction to the scientific study of mind and behavior. Includes topics such as personality, motivation, emotion and experience, learning, development, and abnormal psychology. Students who have received academic credit for PSH 112 may not receive credit for this course. *3 Cr. Every Semester.*

PSH 112 General Psychology with Lab (A,L).

Provides an introduction to the scientific study of mind and behavior. Includes topics such as personality, perception, social interaction, learning and memory, development, and abnormal psychology. Requires three hours per week in lecture and one hour per week in small group labs with an additional one or two hours of independent lab work each week. Requires data collection and analysis, and written reports for the labs. Students with credit for PSH 110 may not receive credit for this course. *4 Cr. Every Semester.*

NOTE: Students may not receive credit for more than one of these two courses listed above. If students wish to repeat one of these courses, they must take the same course again; substitutions are not permitted.

PSH 202 Introductory Statistics for Psychology (A). Covers evaluation of experimental results, analysis and interpretation of data from psychological research using traditional inferential and descriptive techniques, and psychology as a quantitative science. Required for majors and minors unless waived by the department. Other students who have received academic credit for BIO 437, ECN 204, MTH 243, PLS 300, or

SOC 200 or transfer credit for an elementary statistics course at another institution may not receive credit for this course. 3 Cr. Every Semester.

PSH 301 Research Methods in Psychology (A).

Prerequisite: PSH 202. Introduces the philosophy and process of research in psychology, including measurement and data collection techniques, research ethics, design and evaluation of research methodologies, data analysis, and the preparation of research reports. 3 Cr. Every Semester.

PSH 322 Conditioning and Learning (A).

Prerequisite: A general psychology course (PSH 110 or 112). Covers the psychology of learning theory, and lab skills with application of lab work to the real world. Studies basic concepts of classical and instrumental conditioning, basic parameters of acquisition and extinction, stimulus control of behavior, and aversive conditioning. 3 Cr. Every Semester.

PSH 325 Motivation (A).

Prerequisite: A general psychology course (PSH 110 or 112). Analyzes the factors (biological, emotional, behavioral and cognitive) that determine human and animal behavior. Addresses theories and research in motivation from each major perspective in psychology (psychoanalytic, behavioristic and humanistic) with an emphasis upon the influence of stress, anxiety and achievement motivation on human behavior. 3 Cr. Every Semester.

PSH 331 Personality (A).

Prerequisite: A general psychology course (PSH 110 or 112). Covers the application of scientific methods to the study of personality, and major theoretical approaches to personality. Examines research findings in major content areas from several experimental and measurement perspectives. 3 Cr. Every Semester.

PSH 332 Social Psychology (A).

Prerequisite: A general psychology course (PSH 110 or 112). Provides a scientific study of human social behavior. Includes topics such as attraction, attitudes, aggression, conflict, social cognition, social influence, and groups. 3 Cr. Every Semester.

PSH 334 Abnormal Psychology (A).

Prerequisite: A general psychology course (PSH 110 or 112). Surveys major categories of abnormal behavior and their causes. Focuses on understanding and treating maladaptive behavior. 3 Cr. Every Semester.

PSH 336 Clinical Psychology (A).

Prerequisite: A general psychology course (PSH 110 or 112); PSH 334 recommended. Provides an empirical overview of clinical psychology, emphasizing the appraisal of assessment strategies and modalities of treatment. Includes research, professional and ethical issues in clinical psychology. 3 Cr. Every Semester.

PSH 341 Biopsychology (A). *Prerequisite:* A general psychology course (PSH 110 or 112). Covers the biological bases of behavior, including anatomy and function of the nervous system, neurotransmitter systems, sleep, biological bases of mental illness, physiological mechanisms in hunger and feeding, brain mechanisms in reward, and physiology of emotions. 3 Cr. Every Semester.

PSH 342 Animal Behavior (A).

Prerequisite: A general psychology course (PSH 110 or 112). Covers the function, mechanics, development and evolution of perception, orientation, motivation, reproduction, and social behavior of human and non-human animals. Integrates films and lab exercises with lectures and readings. 3 Cr. Every Semester.

PSH 351 Cognitive Processes (A).

Prerequisite: A general psychology course (PSH 110 or 112). Examines the basic processes of thinking, pattern recognition, memory, language, and problem solving. Gives special attention to the comparison between human processing and computer processing. 3 Cr. Every Semester.

PSH 352 Sensation/Perception (A).

Prerequisite: A general psychology course (PSH 110 or 112). Examines the sense systems and their role in responding to and producing experiences of the physical world. 3 Cr. Every Semester.

PSH 384 Child Psychology (A).

Recommended: A general psychology course (PSH 110 or 112). Studies human growth and development from conception through adolescence. Includes topics such as mechanisms of development, theories of development, genetic and prenatal influences, and physical, intellectual, emotional, and social development. 3 Cr. Every Semester.

PSH 397 Health Psychology (A).

Prerequisite: A general psychology course (PSH 110 or 112). Presents health psychology as the combination of educational, scientific, and professional contributions of psychology to the promotion and maintenance of health, the prevention and treatment of illness, the identification of causes and correlates of health and illness, and the analysis and improvement of the health care system. Focuses on the examination of how biological, psychological, and social factors interact to influence individual behavior related to promoting health, preventing illness, and coping with illness. 3 Cr. Every Semester.

PSH 423 Practicum in Teaching Conditioning and Learning (B).

Prerequisites: PSH 322 and instructor's permission. Requires participants to work with students in a tutorial capacity. Allows participants to develop tutorial techniques, learn how to tutor small groups of students, supervise students' lab work, and perform interactive tasks.

Satisfactory/Unsatisfactory grading only. 3 Cr. Every Semester.

PSH 427 Psychology of Thinking (A). *Prerequisite:* A general psychology course (PSH 110 or 112). Increases students' understanding of thinking through review and evaluation of the development of new theories and their applications. Focuses on human thinking, particularly problem-directed, undirected, critical, and creative thinking. 3 Cr.

PSH 429 Research in Learning/Motivation (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and instructor's permission; PSH 301 highly recommended. Allows students to participate in the scientific investigation of learning and motivation. Provides a faculty-supervised research experience, including development of a research proposal, collection of data, and preparation of a research report. 1–3 Cr.

PSH 431 Close Relationships (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and instructor's permission; PSH 301 highly recommended. Investigates various approaches to the study of close relationships. Explores theories of attachment, evolutionary psychology, communications, and extant social/psychological approaches, including interdependence theory, that are useful in understanding close relationships. Examines the best means of characterizing close relationships, including the development of a single, integrative frame work. 3 Cr.

PSH 432 Psychology of Social Issues (A). *Prerequisite:* A general psychology course (PSH 110 or 112). Covers psychological factors related to contemporary social issues and provides evaluation of research. 3 Cr.

PSH 433 Psychology of Gender (A). *Prerequisite:* A general psychology course (PSH 110 or 112). *Cross-listed as WMS 433.* Surveys the psychological and social impact of sex differences, sex roles, and the development of gender identity on behavior. Examines historical antecedents of gender differences, development of gender identity, and sex differences in performance, attribution, achievement, cognition, interpersonal behavior, psychopathology, and response to therapy to illustrate facts and fictions in gender research. 3 Cr.

PSH 435 Alcohol Evaluation and Assessment (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and HLS 418 or instructor's permission. Covers theory and methodology of measurement, assessment and evaluation in alcohol abuse and alcohol dependence. Studies the more widely researched and utilized methods of assessment: interviews, structured tests, behavioral assessments, objective techniques, neuropsychological evaluation and clinical reports. Makes extensive

use of clinical materials to illustrate the uses and limitations of various techniques. 3 Cr.

PSH 436 Psychology of Aging (A). *Prerequisite:* A general psychology course (PSH 110 or 112). Provides an overview of adult development, including genetics and longevity, sexual changes with age, cognitive processes and intelligence, social change, work and retirement, sex roles, moral development, mental health and mental disorders associated with aging. 3 Cr.

PSH 437 Psychology and Jewish Studies (A). Examines the psychological factors related to anti-Semitism, the Arab-Israeli conflict and the Holocaust. 3 Cr.

PSH 439 Research in Social/Personality (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and instructor's permission; PSH 301 highly recommended. Allow students to participate in the scientific investigation of social and personality psychology. Provides a faculty-supervised research experience, including the development of a research proposal, collection of data, and the preparation of a research report. 1–3 Cr.

PSH 440 Practicum Teaching Biopsychology (B). *Prerequisites:* PSH 341 and instructor's permission. Entails tutoring small groups of students in a biopsychology course, conducting review sessions, assisting in evaluation, developing tutorial techniques or a class lecture. Satisfactory/Unsatisfactory grading only. 3 Cr.

PSH 441 Introduction to Clinical Neuropsychology. *Prerequisites:* A general psychology course (110 or 112) and PSH 341 or instructor's permission. Introduces human neuropsychological function and disorders. Emphasizes methods of neuropsychological investigation and the links between specific brain regions/structures and higher psychological functions. Explores disorders of emotion, motor and social behavior, speech, memory, and visual-spatial abilities associated with organic brain impairments, including Alzheimer's disease, head trauma, stroke, and other neurologic, psychiatric, and medical illnesses. 3 Cr.

PSH 442 Psychology of Eating and Drinking (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and PSH 341 or instructor's permission. Provides an in-depth look at the field of eating and drinking. Draws on research from a variety of sub-disciplines within psychology, including biopsychology, learning and motivation, personality, sensation and perception, and social psychology. Includes: theories and mechanisms of hunger and thirst, determinants of food preferences and choices, effects of food on behavior, eating disorders, overeating and obesity, and alcohol use and abuse. 3 Cr.

PSH 445 Psychopharmacology (A). *Prerequisites:* PSH 341 or instructor's permission. Covers the effects of psychoactive substances on the central nervous system, behavior, and mood, with emphasis on the role of neurotransmitter systems and receptor sites in the mechanism of drug actions. Includes the pharmacology of recreational drugs as well as those used in the treatment of psychiatric and neurological disorders. 3 Cr.

PSH 449 Research in Biopsychology (A). *Prerequisites:* A general psychology course (PSH 110 or 112), and instructor's permission; PSH 301 highly recommended. Allows students to participate in the scientific investigation of biopsychology. Provides a faculty-supervised research experience, including development of a research proposal, collection of data, and preparation of a research report. 1–3 Cr.

PSH 455 States of Consciousness (A). Examines the nature of human consciousness as evidenced through both common (sleep, dreams, etc.) and altered (psychoactive drugs, meditation, hypnosis, etc.) states of awareness. 3 Cr.

PSH 457 Creativity (A). *Prerequisites:* A general psychology course (110 or 112), junior or senior status, and instructor's permission. Examines anecdotal, biographical, observational, questionnaire and experimental evidence and theory from the arts, humanities, and sciences; discusses relevance of creativity to education and to healthy personal growth; and explores the possibility of training for creativity. 3 Cr.

PSH 459 Research in Perception/Cognition (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and instructor's permission; PSH 301 highly recommended. Allows students to participate in the scientific investigation of perception and cognition. Provides a faculty-supervised research experience, including development of a research proposal, collection of data, and preparation of a research report. 1–3 Cr.

PSH 465 Practicum in Teaching Experimental Psychology (B). *Prerequisites:* PSH 301 and instructor's permission. Allows the instructor to work with a small group of students in an experimental psychology course, evaluate their lab research design and assist them in completing experiments. Also allows students to learn various forms of analysis of variance. Satisfactory/Unsatisfactory grading only. 3 Cr. Every Semester.

PSH 468 Practicum in Teaching Research Statistics (B). *Prerequisites:* PSH 202 and instructor's permission. Allows students to experience the aspects of teaching basic statistical techniques (including class discussions, lab sessions, and evaluation). Requires students to supervise assigned lab sessions. Satisfactory/Unsatisfactory grading only. 3 Cr. Every Semester.

PSH 480 Principles of Assessment (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and PSH 202 or instructor's permission. Explores methodological and ethical issues in assessing individuals and groups. Allows students to develop a basic understanding of assessment procedures, test design, test interpretation, and familiarity with selected intellectual, academic, employment, and neuropsychological tests. 3 Cr.

PSH 481 Individual Differences (A). *Recommended:* PSH 202. Studies the variables contributing to individual differences, including age, sex and race; and measurement of intelligence and personality. Examines both individual and group differences using standard tests. 3 Cr.

PSH 482 Community Psychology (A). *Prerequisites:* A general psychology course (PSH 110 or 112) PSH 336 or instructor's permission. Examines the discipline of community psychology, which deals with theory and practice in the prevention of socioemotional disorders and promotion of psychological well-being. Includes historical background of community psychology (e.g., the community mental health movement), the role of stressful life events/life transitions in adjustment, issues and programs in promotion of social competence, and social policy applications of psychology. 3 Cr.

PSH 483 Behavior Modification (A). *Prerequisite:* A general psychology course (PSH 110 or 112) or instructor's permission. Covers the application of conditioning and learning principles to the treatment of human behavior problems. Examines both child and adult applications in home, classroom and institutional settings. 3 Cr.

PSH 484 Adolescence (A). *Recommended:* A general psychology course (PSH 110 or 112). Covers the application of general principles and theories of development to the adolescent period. Includes topics such as physiological change, cognitive development, social relations, identity, and other issues of adolescence. 3 Cr. Every Semester.

PSH 485 Applied Behavior Modification (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and PSH 483 or instructor's permission. Investigates a number of specific areas in which basic principles and techniques of behavior modification have been successfully applied. Includes areas of study such as education, business and industry, institutional behavior, family living, and interpersonal relationships. 3 Cr.

PSH 486 Psychological Disorders of Children (A). *Prerequisite:* A general psychology course (PSH 110 or 112). Provides an empirical survey of childhood psychological disorders with discussion of theory, research and therapy. Emphasizes the

application of learning principles for understanding and treating disorders. *3 Cr. Every Semester.*

PSH 487 Educational Psychology (A). *Prerequisite:* A general psychology course (PSH 110 or 112). Covers individual development principles; cognitive functioning, information processing and memory; teaching-learning relationships; and social and psychological forces affecting learners. *3 Cr.*

PSH 489 Research in Developmental Psychology (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and instructor's permission; PSH 301 highly recommended. Allows students to participate in the scientific investigation of developmental psychology. Provides a faculty-supervised research experience, including development of a research proposal, collection of data, and preparation of a research report. *1–3 Cr.*

PSH 497 Behavioral Medicine (A). *Prerequisite:* PSH 397 or instructor's permission. Explores the interdisciplinary field concerned with the development and integration of behavioral and

biomedical science, knowledge and techniques related to the understanding of health and illness, and the application of this knowledge and these techniques to prevention, diagnosis, treatment and rehabilitation. Emphasizes mind/body relationships, stress/illness relationships, biofeedback and self-regulation, pain management, and the human brain as a health-care system. *3 Cr.*

PSH 499 Independent Study (A). *Prerequisites:* A general psychology course (PSH 110 or 112) and instructor's permission. Provides theoretical and/or empirical investigations into topics in psychology. Arranged in consultation with the instructor. *1–6 Cr.*

Brockport Career Exploration Course I (B). Allows students to investigate a specific career area under the guidance of an instructor-sponsor. Usually involves a semester-long, off-campus placement. Arranged in consultation with the instructor-sponsor; coordinated through Office of Career Services. Satisfactory/Unsatisfactory grading only. *3 Cr. Every Semester.*

Department of Recreation and Leisure Studies

23 Hartwell Hall
(716) 395-2994

Chairperson: Edward Udd. *Professor:* David L. Jewell. *Assistant Professor:* Joel L. Frater; *Lecturers:* Karen Bibbins, Arthur Graham. *Adjunct Lecturers:* Nancy Ballaron, Kirt Compton, Brian Emelson, Steve Kampf.

Recreation and leisure is one of the most exciting and diverse human service professions. The field provides opportunities to work with all types of people in a variety of settings, addressing the potential and problems of leisure in modern society. Students studying Recreation Management will qualify for employment in a variety of settings including military, public, private, campus, commercial, tourism, and corporate-sector recreation. Students studying Therapeutic Recreation will qualify for employment in clinical, transitional, juvenile and community settings, such as hospitals; nursing homes; schools or residential centers; treatment centers; centers for physical medicine and rehabilitation; psychiatric institutions; and public, private and volunteer agencies. The Management and Therapeutic Recreation emphases provide students with academic and experiential opportunities that foster an exciting undergraduate experience and a challenging professional opportunity.

The Recreation and Leisure Studies faculty has a professional obligation to deny admission or continuation in the program to any student whose level of performance and/or personal characteristics do not adequately meet academic, professional or ethical standards.

All students majoring in Recreation and Leisure Studies must earn a grade of "C" or better in REL core courses and the REL emphasis courses in order to satisfactorily complete the REL major and to be eligible for REL 403: Practicum. Also, only courses for which a grade of "C" or better was earned will be considered for transfer into the program towards satisfaction of the major requirements.

All students during their first semester must take a writing assessment administered by the Department to determine writing ability.

All students must be certified in CPR and First Aid during the period they are to be performing their REL 403 internship.

All students must take the New York State Child Abuse Reporter Training. This is normally offered in REL 402.

Students changing majors to REL must possess at least a 2.00 GPA.

Major in Recreation and Leisure Studies

To complete the major in Recreation and Leisure Studies, students must complete 25.5 credits of core coursework, 15 credits in an emphasis (either recreation management or therapeutic recreation), 18 credits of guided electives, and a 15-credit practicum experience.

Specific requirements are as follows:

Required Core Coursework (25.5 credits)		Credits
REL 302	Leisure and the Individual and Society	3
REL 306	Recreation for Persons with Differing Abilities	3
REL 307	Applied Studies in Recreation and Leisure	3
REL 308	Recreation Programming and Leadership	3
REL 312	Management of Recreation and Leisure Services	3
REL 402	Current Leisure Problems and Issues	3
REL 410	Research and Evaluation in Recreation and Leisure Studies	3
REL 414	Planning, Design, and Management of Recreation and Leisure Facilities	3
PRO 421	Field Experience	1.5
Total:		25.5

Recreation Management Emphasis (15 credits)

The Recreation Management emphasis prepares students for professional positions in the public and non-profit sectors, corporate and commercial recreation settings, and resort and tourism management. Students pursuing this emphasis must complete 15 credits from the following course list:

Select five courses from the following list		Credits
REL 303	Corporate & Commercial Recreation	3
REL 314	Principles of Tourism	3
REL 416	Management of Non-Profit Leisure Services	
REL 430	Special Event Planning	3
REL 435	Resort & Hotel Operations	3
REL 440	Tourism Sales & Marketing	3
Total:		15

Students with an emphasis in Recreation Management must take a minimum of 18 credits in Guided Electives. Note: This is not a comprehensive list, other courses may be substituted with the permission of your academic advisor.

GROUP I: Management Skills (maximum 6 credits permitted)

BUS 317	Intro to Management Information Systems (Prerequisite BUS 280, 285 or instructor's permission) (A,T)
BUS 345	International Business Environment (A)
BUS 365	Principles of Management (A)
BUS 375	Business Law I (A)
BUS 439	Retail Management (prerequisite BUS 335) (A)
CMC 314	Small Group Communication (A)
CMC 316	Interpersonal Communication in Business and the Professions (A)

GROUP II: Communications skills (maximum 6 credits permitted)

CMC 201	Public Speaking (A)
CMC 224	News Writing and Reporting (A)
CMC 312	Argumentation and Debate (A)
CMC 317	Interviewing (A)
CMC 332	Public Relations Principles (prerequisite CMC 262 or instructor's permission (A)
CMC 415	Public Communication in Administration, Business & the Professions (prerequisite CMC 316) (A)
EDC 418	Conferencing Skills (B)
ENL 308	Business Writing (B)

GROUP III: Marketing Skills (maximum 6 credits permitted)

BUS 335	Principles of Marketing (A)
BUS 432	Sales Management (prerequisite BUS 335) (A)
BUS 433	International Marketing (prerequisite BUS 335) (A)
BUS 434	Direct Marketing (prerequisite BUS 335) (A)
BUS 435	Consumer Behavior (prerequisite BUS 335) (A)
BUS 437	Promotional Policy (prerequisite BUS 335 & 435) (A)
CMC 219	Advertising, Mass Persuasion & the Consumer (A,H)

GROUP IV: Analytical Skills (must take one)

ECN 204	Introduction to Statistics (A)
MTH 243	Elementary Statistics (A)
PLS 300	Political Statistics (A,T)
PSH 202	Introductory Statistics for Psychology (A)
SOC 200	Social Statistics (A,T)

GROUP V: Accounting & Finance (maximum 3 credits permitted)

ACC 285	Fundamental Accounting I (B)
ACC 286	Fundamental Accounting II (prerequisite ACC 285) (B)
BUS 316	Introduction to Operations Research (A)
ENC 202	Principles of Economics-Macro (A)
ACC 489	Accounting for Non-profit Entities (B)

GROUP VI: Wellness Issues (maximum 3 credits permitted)

HLS 301	Health Behaviors and Wellness (A)
HLS 311	Nutrition (A)
HLS 409	Introduction to Psychoactive Substance Use & Abuse (A)
HLS 418	Alcohol Use and Abuse (A)
HLS 426	HIV/AIDS: Issues and Implications (A,C)
HLS 470	Health Implications of Stress (A)

GROUP VII: Issues of the Human Life Cycle (maximum 6 credits permitted)

EDC 301	Introduction to Counseling (B)
HLS 306	Contemporary Issues in Health (A,I)
SWO 376	Gerontology (A)
REL 372	Child Abuse (be aware of the 54 hour rule) (A,I)
REL 406	Leisure and Aging (be aware of the 54 hour rule) (A,I,W)

GROUP VIII: Misc. Issues Relating to Recreation & Leisure (max. 6 credits permitted)

SWO 379	People with Disability: Issues, Legislation, Intervention (A,I)
PLS 312	Public Administration (A)
PLS 318	State and Local Government (A)
PLS 435	Legal Rights of the Disadvantaged (A,I,W) (cross-listed: AAS 435 & WMS 435)
CRJ 343	Juvenile Justice Process (instructor's permission) (A)
CRJ 431	Crime Prevention (instructor's permission) (A)
CRJ 477	Family Violence (A) (prerequisites: Intro Sociology & Psychology)
CRJ 479	Victimology (cross-listed as WMS 479, at least junior status) (A)
CRJ 481	Women and Criminal Justice (cross-listed as WMS 481) (A)
CRJ 485	Issues in Juvenile Justice (prerequisite CRJ 343 or instructor's permission)
SOC 352	Sociology of Work (prerequisite any lower division sociology course (A)

GROUP IX: Leisure in Society (maximum 3 credits permitted)

ANT 301	Native Americans (A,I,C)
ANT 321	Culture Change (A,I)
ANT 331	Latinos in the USA (A,I,C)
ANT 342	Native American Culture History (A,C)
AAS 310	Urban Black Politics (A,S)
AAS 314	The Black Family (A,S) (cross-listed as SOC 314)
AAS 332	Urban Economic Problems (A,S)
AAS 370	Leadership Development I (cross-listed as EDI 370) (A)
AAS 371	Leadership Development II (cross-listed as EDI 371) (A)
AAS 428	Racial & Ethnic Relations (cross-listed as SOC 428) (A)
FCE 375	Latin-American Women (A,I,C,W)
FCE 420	Multiculturalism in the USA (A)
HST 387	Asian Survey (A)
SOC 304	Urban Sociology (A,I)
SOC 306	Social Change in the Third World (A,I)
SWO 321	Cultural Diversity (A)
WMS 315	Contemporary Black Women (cross-listed AAS 315)

Therapeutic Recreation Emphasis (15 credits)

The therapeutic recreation emphasis prepares students for positions as therapeutic recreation specialists in clinical, transitional and community settings. Students pursuing this emphasis must complete the following five courses:

		Credits
REL 305	Introduction to Therapeutic Recreation (prerequisite) REL 302, corequisite REL 306 or instructor's permission)	3
REL 320	Leisure Education in Therapeutic Recreation	3
REL 407	Methods of Therapeutic Recreation (prerequisite REL 405)	3
REL 408	Facilitation Techniques in Therapeutic Recreation	3
REL 412	Issues and Trends in Therapeutic Recreation	3
Total:		15

Students electing Therapeutic Recreation as their emphasis must be aware that this program is constructed so that you are eligible to sit for your professional certification examination after graduation. Therefore, nine credits of guided electives are prescribed (BIO 221 or BIO 321, PSH 334 & PSH 384). Additionally, all Recreation & Leisure Studies majors must take an approved statistics course.

Students in the Therapeutic Recreation emphasis are permitted to select only six credits of 18 required elective credits. Further, it is required that you take your emphasis courses in a prescribed sequence. You are required to take REL 305 as a prerequisite or corequisite for any other REL course work in Therapeutic Recreation.

Guided Electives for Therapeutic Recreation (minimum of 18 credits). Students must complete at least one course from Groups I and II, both courses in Group III, and two courses from Groups IV, V, VI (total of 18 credits). Both courses are required in Group III in order to meet National Council on Therapeutic Recreation Certification requirements.

GROUP I: Biological/Physical Sciences (one course required)

BIO 221	Survey of Anatomy and Physiology (A,L)
BIO 321	Survey of Anatomy and Physiology (A)

GROUP II: Analytical Skills (one course required)

ECN 204	Introduction to Statistics (A)
MTH 243	Elementary Statistics
PLS 300	Political Statistics (A,T)
PSH 202	Introductory Statistics for Psychology (A)
SOC 200	Social Statistics (A,T)

GROUP III: Psychology**(REQUIRED)**

PSH 334	Abnormal Psychology (A)
PSH 384	Developmental Psychology (A)

(OPTIONAL)

PSH 332	Social Psychology (A)
PSH 436	Psychology of Aging (A)
PSH 484	Adolescence (A)
PSH 486	Psychological Disorders of Children (A)

Note: all psychology courses require a prerequisite of either PSH 110 or PSH 112.

TAKE TWO COURSES FROM THE FOLLOWING FOUR GROUPS.**GROUP IV: Human Services**

ANT 313	Culture and Disability (A,I,W)
EDC 301	Introduction to Counseling (A)
HLS 306	Contemporary Issues in Health (A)

HLS 402	Women's Health
SWO 379	People with Disability: Issues, Legislation, and Intervention (A)
PLS 435	Legal Rights of the Disadvantaged (A)
REL 406	Leisure and Aging (be aware of the 54 hour rule) (A,I,W)

GROUP V: Health Related Issues

HLS 311	Nutrition (A)
HLS 402	Women's Health (A)
HLS 409	Introduction to Psychoactive Substance Use & Abuse (A)
HLS 418	Alcohol Use and Abuse (A)
HLS 426	HIV/AIDS: Issues and Implications (A)
HLS 470	Health Implications of Stress (A)
REL 372	Child Abuse (be aware of the 54-hour rule) (A)

GROUP VI: Sociology

SOC 300	Sociological Theory (A)
SOC 317	Prejudice, Personality and Culture (A)
SOC 331	Sociology of Mental Illness (A)
SOC 361	Sociology of Sex, Marriage and the Family (A,W)
SOC 371	Deviant Behavior (A)
SOC 372	Criminology (A)
SOC 428	Racial and Ethnic Relations (A)
SOC 465	Sociology of Aging (A)

GROUP VII: Miscellaneous courses that support NCTRC requirements

BIO 281	Elements of Human Biology (A)
CMC 273	Interpersonal Communication (A)
CMC 314	Small Group Communication (A)
EDI 325	Understanding the Exceptional Learner (A)
PES 325	Kinesiological Bases for Exercise and Sport (A)
PES 413	Human Growth and Development (A)
PES 445	Adapted Physical Education (A)
PES 461	Theories of Play (A)
SWO 376	Gerontology (A)

Practicum Experience Requirement (15 credits)

All students majoring in Recreation and Leisure Studies must complete a practicum experience. The practicum is usually completed during the fall or spring semester of the senior year. REL 403 Practicum (prerequisite: REL 307 for 200 clock hours or 15 credits; REL 307 for 180 hours combined with REL 421-426, totaling 200 clock hours.)

Minor in Recreation and Leisure Studies

The minor in Recreation and Leisure Studies is designed for the student whose work is likely to call for understanding of and skill in coping with leisure and recreational implications of extended life expectancies, retirement, the needs of citizens with disabilities, high technology, and the changing family structure.

Note: This minor is in revision, contact the department chair or academic advisement coordinator for current information.

Required Courses: (19 Credits)

	Credits	
REL 302	Leisure and the Individual and Society	3
REL 312	Management of Recreation and Leisure Services	3
REL 395	Leadership for Recreation and Leisure	4

Six credits from one of the following interest area pairs:

REL 307	Applied Studies in Recreation and Leisure	3
OR		
REL 313	Commercial Recreation	3

REL 314	Principles of Tourism	3
REL 307	Applied Studies in Recreation and Leisure	3
	OR	
REL 405	Philosophy and Theory of Therapeutic Recreation	3
REL 307	Applied Studies in Recreation and Leisure	3
	OR	
REL 414	Planning, Design, and Management of Recreation and Leisure Facilities	3
REL 307	Applied Studies in Recreation and Leisure	3
Three credits selected from the following:		
	Any 300- or 400-level REL course (except REL 403 or 499)	3
	OR	
HST 330	History of Recreation and Leisure	3
	Total:	19

NOTE: Courses taken on a Pass/Fail basis may not count toward completion of the minor.

Double Major in Health Science and Recreation and Leisure Studies

The double major in Health Science and Recreation and Leisure Studies is for students interested in working in community, corporate, government, and military settings that offer recreation and wellness programs. To successfully complete the double major in Liberal Arts-Health Science and Recreation and Leisure Studies-Management, students must complete 28 credits of REL core course work, plus 18–19.5 credits of practica, nine credits in the REL specialization, and 30 credits from the Health Science required and by advisement “elective” courses. Plus, 12 credits of guided liberal arts by advisement “elective” courses. The specific requirements for this program are:

Note: The Recreation & Leisure Studies element of the double major is under revision. Contact the department chair or the academic advisement coordinator.

REL Core (28 credits)		Credits
REL 302	Leisure and the Individual and Society	3
REL 306	Recreation for Persons with Differing Abilities	3
REL 308	Recreation Programming	3
REL 312	Management of Recreation and Leisure Services	3
HST 330	History of Recreation and Leisure	3
	OR	
PES 350	History of Sport, Play, and Exercise	3
REL 395	Leadership for Recreation and Leisure	4
REL 402	Current Leisure Problems and Issues	3
REL 414	Planning, Design, and Management of Recreation and Leisure Facilities	3
	Total	28
REL Practica (18-19.5 credits)		
REL 307, PRO 421-426	(totaling 200 hours)	3-4.5
REL 403	Practicum	15
		18-19.5
REL Specialization		
REL 411	Management of Leisure Resources	3
Plus six credits from two of the following:		
REL 303	Leisure in the Corporate Sector	3
REL 313	Commercial Recreation	3
REL 314	Principles of Tourism	3
REL 410	Research and Evaluation in Recreation and Leisure Studies (Prerequisite: Introductory Statistics)	3

HLS Required Courses (30 credits)

HLS 301	Health Behavior and Wellness	3
HLS 306	Contemporary Issues in Health	3
OR		
HLS 307	Consumer Issues in Health Care	3
Plus 24 credits from eight of the following:		
HLS 303	Environmental Health	3
HLS 304	Safety, First Aid and CPR	3
HLS 311	Nutrition	3
HLS 314	Family Life Science	3
HLS 409	Psychoactive Substance Use and Abuse	3
OR		
HLS 418	Alcohol Use and Abuse	3
HLS 419	Human Sexuality	3
HLS 426	HIV/AIDS: Issues and Implications	3
HLS 470	Health Implications of Stress	3
OR		
HLS 471	Childhood and Adolescent Stress	3

Guided Liberal Arts Electives (12 Credits)

The 12 guided liberal arts electives are selected by the student and faculty advisor. Completion of these guided electives will ensure that students meet the goals of the double major, including fulfillment of course requirements for a Liberal Arts major in Health Science and Recreation and Leisure Studies-Management.

The following are required, or students may select an advisor-approved substitute (students and advisor should note prerequisite and co-requisite requirements).

Group I

One of the following courses:

BUS 335	Principles of Marketing	3
BUS 365	Principles of Management	3
BUS 366	Organizational Behavior	3

Group II

One of the following courses:

CMC 201	Public Speaking	3
CMC 224	Newswriting and Reporting	3
CMC 316	Interpersonal Communication in Business and the Professions	3
CMC 319	Propaganda and Persuasion	3
CMC 312	Argumentation and Debate	3

Group III

One of the following courses:

REL 406	Leisure and Aging	3
SOC 465	Sociology of Aging	3
PSH 436	Psychology of Aging	3

Group IV

One of the following courses:

BUS 375	Business Law I	3
PLS 312	Public Administration	3
PLS 315	Government Regulations of Business	3
PLS 318	State and Local Government	3
PLS 320	Law and the Legal Process	3

Recommended Electives

PEP 353	Administration of Intramurals	3
PEP 360	Introduction of Sport Management Theory	3
REL 372	Child Abuse: Causes, Costs and Confrontation	3
HLS 402	Women's Health (Summer Only)	3
HLS 490	Worksite Health Promotion (Summer Only)	3

Recommended Practicum Prerequisites/Certifications

CPR
 First Aid
 Lifesaving
 Mandatory Reporting of Child Abuse
 (seminar, training, or course)

Recreation and Leisure Courses

REL 211 The Leisure Experience (A,S,D,E).

Familiarizes students with the interrelationship between leisure and Western culture and society, and increases awareness of the effects of leisure. Covers the economic impact of leisure, leisure as a modifier of culture, life stages and leisure. 3 Cr. Every Semester. Not for majors.

REL 302 Leisure and the Individual and Society (A). Presents an overview of the recreation/leisure profession and its impact on the individual and society. Covers concepts of recreation and leisure through the study of theories of play. Discusses philosophical frameworks for play, recreation and leisure. Explores the sociological and economic impacts of recreation and leisure. Requires students to develop an operational philosophy of recreation and leisure. 3 Cr. Every Semester.

REL 303 Corporate Sector & Commercial Recreation (B). Prerequisite: REL 302 or instructor's permission. Covers the history, philosophy, organization, programming and financing of industrial recreation. Allows students to develop an operating policy. Includes a field trip. 3 Cr. Fall.

REL 305 Introduction to Therapeutic Recreation (A). Prerequisite: REL 302, REL 308. Corequisite: REL 320, REL 408 or instructor's permission. Covers the process, benefits and function of therapeutic recreation, values of therapeutic recreation service, provision of service by diagnostic group and setting including medical terminology, and historical and professional development of therapeutic recreation. Requires field experience. 3 Cr. Fall.

REL 306 Recreation for Persons with Differing Abilities (A). Corequisite: REL 302 or instructor's permission. Provides both the conceptual framework and the specifics of application relative to integrated lifestyles for persons with disabilities. Focuses on assessing, planning, implementing and evaluating phases of providing integrated recreational services. 3 Cr. Every Semester.

REL 307 Applied Studies in Recreation and Leisure (B).

Prerequisites: REL 302, 308, and 395 or instructor's permission. Investigates professional issues and problems through on-sight experiential learning or through directed research projects. Topics and sites are arranged through the instructor. Requires one or more written projects, depending upon the topic and scope of study. 3 Cr. Summer.

REL 308 Recreation Programming & Leadership (B).

Corequisite: REL 302 or instructor's permission. Provides an overview of various recreation activities, examines frameworks for recreation programs, and evaluates recreation programs. Acquaints students with the theory, principles, and practices of leadership and group dynamics in recreation and leisure situations and settings. 3 Cr. Every Semester.

REL 312 Management of Recreation and Leisure Services (B).

Corequisite: REL 302 or instructor's permission. Focuses on the management of a comprehensive recreation and leisure service system. Covers organizational behavior, marketing, human resources, operations, and finance common to public, private, commercial, and therapeutic sectors. 3 Cr. Every Semester.

REL 314 Principles of Tourism (B).

Prerequisite: REL 302 or instructor's permission. Covers principles affecting tourism: the scope and magnitude of tourist attractions, services, facilities, transportation, accommodations, and the tourist. Examines travel motivations, demand for destinations, economic, socio-cultural and ecological impact, tourism planning, and tourism marketing. Requires site visits. 3 Cr. Spring.

REL 315 International Tourism (A,J,W,D,E).

Examines the international tourism environment. Covers tourism growth and development and its costs and benefits as an international, economic, social, cultural, political, and environmental phenomenon. Covers trends in international tourism through the exploration of literature relating to international tourism destinations and looks at the

role of various constituents in promoting international tourism. 3 Cr. Every Semester.

REL 320 Leisure Education in Therapeutic Recreation (B). Prerequisite: REL 302, and REL 308. Co-requisite: REL 305, REL 306, REL 408. An introduction to leisure education and its use in clinical and community settings. Covers concepts, theories, and practical issues relating to leisure education, including various models, assessment tools, intervention, leisure education programming techniques, and facilitation of leisure education groups. Diverse settings for leisure education services will be examined. Students will be given the opportunity for practical experience that will build on course content. Requires field experience. 3 Cr. Fall.

REL 372 Child Abuse: Causes, Costs and Confrontation (A,J,D). Informs students of the history of child abuse and its various forms in Western culture. Also allows students to learn of its causes, its costs in terms of dollars and human resources, and the means that society can implement to confront the issue. 3 Cr. Every Semester.

REL 402 Current Leisure Problems and Issues (B). NOTE: May only be taken in semester prior to practicum. Identifies and analyzes current leisure trends, problems, and issues that affect both the therapeutic and managerial segments of the leisure services profession. Focuses on the concerns of the present and their implications for the future delivery of leisure and therapeutic recreation programs, services, and treatments. 3 Cr. Every Semester.

REL 403 Practicum (B). Prerequisites: Eligibility for practicum semester, including completion of all General Education requirements, major core courses and appropriate specialization courses; also 200 hours of experience in recreation settings to be met through REL 307, REL 421-426, or through a combination of the above and other course-required field work. Provides a directed practicum in an approved leisure service organization. Also provides practical experience in a setting compatible with the student's chosen recreation option with evaluation reports by the practicum agency. 15 Cr. Every Semester.

REL 406 Leisure and Aging (A,J,D). Examines various aspects of aging as they relate to leisure in contemporary society, leisure needs of mature adults, services for elderly, and leisure pursuits in the subculture of the aging. 3 Cr. Every Semester.

REL 407 Methods in Therapeutic Recreation (B). Prerequisite: REL 305. Corequisites: REL 320, REL 408, REL 412. Covers Applications of the therapeutic recreation process (assessment, planning, implementing and evaluating) to planning comprehensive therapeutic programs in health

and human service settings. Focus on clinical documentation and professional accountability. Requires field work. 3 Cr. Spring.

REL 408 Facilitation Techniques and Group Process in Therapeutic Recreation (B). Prerequisite: REL 302 and REL 308. Corequisites: REL 305, REL 306, REL 320. Emphasizes skill building in therapist facilitation techniques for healing modalities with therapeutic recreation participants. Focuses on individual therapy and group processes, and activity analysis, modality selection, planning multiple sessions, and designing program protocols for contemporary health care delivery across settings serving persons with disabilities. 3 Cr. Fall.

REL 410 (B) Research and Evaluation in Recreation and Leisure Studies. Prerequisites: REL 302, an approved statistics course and instructor's permission. Provides an introduction to research and evaluation in recreation and leisure. Focuses on the tenets of the scientific method as applied to research and evaluation. Emphasizes the use of microcomputers in investigation, data analysis, and writing process. Develops skill in styles and conventions of formal, scientific writing in recreation and leisure studies and services. 3 Cr. Every Semester.

REL 412 Trends and Administrative Issues in Therapeutic Recreation (B). Prerequisite: REL 306. Corequisites: REL 305, REL 320, REL 407 or instructor's permission. Investigates how current trends and administrative issues affect the delivery and advocacy of therapeutic recreation services. Emphasizes contemporary approaches to managing changes in practice in the emerging profession of therapeutic recreation. 3 Cr. Spring.

REL 414 Planning, Design, and Management of Recreation Facilities (B). Applies student's prior knowledge of recreation and leisure theory, philosophy, and programming techniques to outdoor/indoor facility planning, design, and maintenance. Provides planning skills, discussion of design issues, and maintenance management techniques. There is an emphasis on universal access. 3 Cr. Every Semester.

REL 416 Management of Non-Profit Leisure Service Organizations (B). Prerequisite: REL 312. Examines the history and background of the development of non-profit organizations, their missions, how they compliment public sector organizations, the process of establishing a non-profit organization and specifically management styles, funding and everyday operations. Topics covered include grant writing, fundraising, organizational structure, and personnel policies. 3 Cr. Spring.

REL 430 Special Event Planning (B). *Prerequisite:* REL 308. *Corequisite:* REL 314 or instructor's permission. Examines the special event planning process. Covers formulation of goals, needs assessment, selection and design of one-time or on-going event, planning, coordination, revenue generation, marketing, sponsorship, risk management, security, implementation and evaluation. Formats including fairs, festivals, sporting events, grand openings and different levels of managerial involvement will be discussed. Requires the planning and implementation of a special event. 3 Cr. Spring.

REL 435 Resort & Hotel Operations (B). *Prerequisite:* REL 314 or instructor's permission. Examines organizational structure and economics of the resort and hotel and the technical operations integral to resort and hotel management. Covers resort and hotel site development; resort and hotel operations; front office operations; budget operations; food beverage and restaurant operations; housekeeping; and staff management. Requires visit to destination resort and hotel. 3 Cr. Fall.

REL 440 Tourism Sales & Marketing (B). *Prerequisite:* REL 314 or instructor's permission. Examines the fundamental marketing and sales principles related to the tourism industry. Covers service marketing; destination marketing; professional marketing and sales organizations; consumer behavior; market segmentation; marketing research; tourism product, distribution, location, price; marketing communication; marketing and sales information systems; and the role of a manager. 3 Cr. Fall.

PRO 421 Field Experience I (B). Provides an introductory practicum experience for students who may work with adults with special needs in a recreational setting; e.g., adults with mental retardation, visual impairments, hearing impairments, or physical disabilities. Takes place on campus on Thursday evenings only. 1.5 Cr. Every Semester.

PRO 422 Field Experience II (B). *Prerequisite:* REL 421. Provides introductory practicum experience for students who may work with adults with special needs in a recreational setting; e.g., adults with mental retardation, visual impairments, hearing impairments, or physical disabilities. Takes place on campus on Thursday evenings only. 1.5 Cr. Every Semester.

PRO 423 Field Experience III (B). *Prerequisites:* REL 421, 422. Provides an introductory practicum experience for students who may work with adults with special needs in a recreational setting; e.g., adults with mental retardation, visual impairments, hearing impairments, or physical disabilities. Takes place on campus on Thursday evenings only. 1.5 Cr. Every Semester.

PRO 424 Field Experience IV (B). *Prerequisites:* REL 421, 422, and 423. Provides an introductory practicum experience for students who may work with adults with special needs in a recreational setting; e.g., adults with mental retardation, visual impairments, hearing impairments, or physical disabilities. Takes place on campus on Thursday evenings only. 1.5 Cr. Every Semester.

PRO 425 Field Experience V (B). *Prerequisites:* REL 421, 422, 423, and 424. Provides an introductory practicum experience for students who may work with adults with special needs in a recreational setting; e.g., adults with mental retardation, visual impairments, hearing impairments, or physical disabilities. Takes place on campus on Thursday evenings only. 1.5 Cr. Every Semester.

PRO 426 Field Experience VI (B). *Prerequisites:* REC 421, 422, 423, 424, and 425. Provides an introductory practicum experience for students who may work with adults with special needs in a recreational setting; e.g., adults with mental retardation, visual impairment, hearing impairments, or physical disabilities. Takes place on campus on Thursday evenings only. 1.5 Cr. Every Semester.

REL 470 Leisure in the United Kingdom: A Comparative Study (A). Provides an intensive and comprehensive study of the sociological and behavioral foundations of, and impact of, leisure in the United Kingdom. Consists of one week of intensive classroom experience and a second week of intensive hands-on experience in a leisure service setting in the Leeds, England area. Requires a comprehensive paper and additional fees. 3 Cr.

REL 499 Independent Study in Recreation and Leisure. Arranged in consultation with the instructor- sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 1-3 Cr.

Department of Social Work

**170 Faculty Office Building
(716) 395-2324**

Chairperson: Diane C. Dwyer; *Associate Professors:* Dwyer, Kenneth J. Herrmann, Jr., Barbara Kasper; *Assistant Professors:* Carmen I. Aponte, Christian Itin; *Visiting Assistant Professors:* Frederick Daniell, Carol Brownstein-Evans, Carl Jutzin, Warren Skye; *Coordinator of Field Instruction:* Mary Jo Schlecht; *Adjunct Instructors:* Jennie Battaglia, Christopher Callahan, Kjiana Crawford, Jason Dauenhauer, Joseph Evers, Carolyn Hilarski, Mary Ann Kane-Worl, David Markham, Maureen Murphy, Judith Kaplan-Polsky, Douglas Randall.

Social Work Program

The profession of social work is dedicated to solving and preventing social problems, whether they involve individuals, families, small groups, organizations, or communities. A broad range of employment opportunities exists. Social workers are found in hospitals, public schools, family agencies, industry, courts, probation departments, government facilities, children's agencies, and in facilities that serve persons with disabilities. The primary purpose of the program is to prepare students for beginning professional social work practice. In addition, students are prepared for graduate education and responsible citizenship. The undergraduate major in social work is accredited by the Council on Social Work Education. Graduates who continue with their social work education may gain advanced standing in graduate programs because of the accredited status of the major.

Social Work Major

Social work majors must complete a minimum of 54 credits consisting of 12 prerequisite credits plus classroom and field experience in social work totaling 42 credits. Thirty-two credits in social work are allocated to classroom and related learning to help students understand the philosophy, knowledge, values and roles associated with the profession. Ten credits are devoted to the field practicum, which provides students with opportunities to apply and integrate knowledge, skills and values into a beginning level of competence in the practice of social work.

Admission to the Major

Students may indicate their desire to major in social work at any time during the first two years of undergraduate study by registering with the Department of Social Work as an Intent to Major. Such students will be assigned a departmental advisor to assist them with proper course planning and career orientation as they pursue admission to the program. Students wishing to enter the major in social work must submit an application form to the Department of Social Work.

Criteria for Admission to the Major:*

Enrollment is limited. The deadline for applications is March 15 for fall-semester entry, although some students may be admitted prior to March 15. The program does not admit students for the spring semester. Students seeking acceptance to the major must meet the following criteria:

At time of application:

1. Cumulative grade point average of 2.5 or above.**
2. Demonstration of suitability and capacity to enter the profession of social work.
3. Completion of the following prerequisite courses:

SOC 100	Introduction to Sociology
PSH 110	Principles of Psychology
BIO 281	Elements of Human Biology
SOC 200	Social Statistics
	OR
PSH 202	Introductory Statistics

4. Completion of a minimum of 54 credits, or an AA, AS or AAS degree.***

* Transfer students must consult with the coordinator of social work admissions or the chair person regarding equivalency of courses taken at other institutions.

** Grade point averages required of those accepted may be higher depending on the number of applicants.

*** Delta College students must complete 34 credits and meet all other criteria. (The Delta College curriculum meets the program's requirement of SOC 100.)

Requirements for the Major

Prerequisites

The following four courses are prerequisites for the social-work major. All prerequisites must be completed before students enroll in required social-work courses.

		Credits
SOC 100	Introduction to Sociology	3
PSH 110	Principles of Psychology	3
BIO 281	Elements of Human Biology	3
SOC 200	Social Statistics (or equivalent)	3
	OR	
PSH 202	Introductory Statistics (or equivalent)	3

Junior Year

SWO 301-302	Human Behavior and Social Environment I-II	6
SWO 311	Human Service Systems/Social Policy	3
SWO 321	Cultural Diversity	3
SWO 331	Experiential Learning	3
SWO 341-342	Social Work Methods I-II	6
SWO 310	Social Work Research Methods	3

Senior Year

SWO 411	Human Service Systems/Policy Analysis	3
SWO 441	Social Work Methods III	3
SWO 451-453	Field Instruction I-II*	
	OR	
SWO 454	Field Instruction*	10
SWO 455-457	Field Seminar I-II**	
	OR	
SWO 456	Seminar in Field Instruction**	2

* Generally, students are enrolled in SWO 451-453; with permission of faculty advisor and field coordinator, students may select SWO 454 to complete the field instruction requirement as an alternative to SWO 451-453.

** Students enrolling in SWO 451-453 must enroll in SWO 455-457. Students enrolling in SWO 454 must enroll in SWO 456. SWO 441 must be taken with SWO 454-456, or SWO 453-457.

Electives

The department offers electives in fields of practice and areas of special interest. Course selection should be made in consultation with the student's advisor. Electives are open to non-majors.

Evening Program

This program is designed to meet the educational needs of students who work full-time during the day. Both day and evening matriculated students are assigned department advisors.

Transfer Students

Transfer students meet the same standards for admission and continuance in the social-work program as other students. They must consult with the coordinator of social-work admissions or the chairperson regarding equivalency of courses taken at another institution.

No Credit for Work Experience

The program does not give academic credit for life experience or previous work experience or allow such experience to be substituted for the field practicum or other courses required for the social work major.

Course Sequencing

No student, full- or part-time, may take any 400-level course required for the major until all 200- and 300-level required courses are successfully completed.

Continuance in the Social Work Program

Continuance in the program after the fall semester of the junior year is contingent upon the following:

- 1) Maintaining both a cumulative and major GPA of 2.5 or above;
- 2) Maintaining a grade of "C" or better in every social work course required for the major;
- 3) Retaking any required social work course in which a grade below "C" is received; and
- 4) Continued demonstration of suitability and capacity to enter the profession of social work.

The above criteria must be met by all students when they enter field instruction in the senior year and before they graduate from the program.

Readmission to the Social Work Program

Requirements for readmission to the program are identical to those for first-time applicants. Any student who postpones entry into or continuance in the planned course of studies after admission to the social-work program must submit an application for re-entry.

Review and Appeal Procedures

The social-work faculty, meeting as a committee, periodically reviews the progress of each student. The complete formal process for admission and continuance in the social-work program, as well as grievance/appeal procedures, may be found in the program guide for the social-work program. The program is administered without discrimination on the basis of race, color, gender, age, creed, ethnic or national origin, handicap, political or sexual orientation, marital status or status as a Vietnam-era veteran.

Program Information

Please consult the Social-work Program Guide and Program Brochure for further and updated departmental policies and procedures.

Social Work Courses

SWO 221 Contemporary Social Work (Elective) (A). Covers major areas of study: areas of human need and forces contributing to social problems, institutions designed to meet human needs, range of service professions (concepts, techniques and organizational characteristics), and societal value systems with a national as well as international focus. Develops skills in assessment through independent learning projects and group process. Emphasizes professional behavior. 3 Cr.

SWO 301 Human Behavior and Social Environment I (A). *Prerequisites:* SOC 100, PSH 110 and BIO 281 or 282. Open only to majors. Provides a social work perspective on knowledge and theory related to the human life cycle. Studies the life-span development of human beings in the context of their emotional, physical, intellectual, and social needs. 3 Cr. Fall.

SWO 302 Human Behavior and Social Environment II (A). *Prerequisites:* SWO 301, SOC 100, PSH 110 and BIO 281 or 282. Open only to majors. Second course in a two-course sequence dealing with human behavior. Applies social systems theory to collective functioning, specifically the interaction of the individual with the small group, the family, the organization, and the community. Integrates knowledge from the social, behavioral, and human biological sciences to provide a comprehensive view of people interacting with their environments. 3 Cr. Spring.

SWO 303 Crisis Intervention (Elective) (A). Provides in-depth study of issues related to the historical background and theoretical bases of crisis intervention and the steps taken in crisis resolution. Develops an understanding of situational and maturational crises. Examines ethical dilemmas related to the use of authority in crisis situations. Explores the implications of crisis intervention with families, groups, and communities. 3 Cr.

SWO 310 Social Work Research Methods (A,T). *Prerequisite:* SOC 200 or PSH 202. *Open only to majors.* Covers research methods applied to social-work practice and human services. Includes research methods, designs, and basic data interpretation; development of computer skills through data input and data analysis. Emphasizes practice effectiveness and program evaluation. 3 Cr. *Every Semester.*

SWO 311 Human Service Systems/Social Policy (A). Explores social-welfare policies within the framework of historical development and contemporary practices; and evaluation of policies from the perspective of political implications, social-work contexts, client needs and economic factors. 3 Cr. *Spring.*

SWO 321 Cultural Diversity (A). Identifies areas of misinformation that perpetuate exclusion of sub-cultural groups from mainstream opportunities; differentiates covert acts, institutional policies, and ideologies that foster exclusion of culturally diverse groups; compares such groups to mainstream American culture. Recognizes and deals with students' personal feelings regarding range of minority groups and issues as these negatively or positively affect the provision of service. 3 Cr. *Every Semester.*

SWO 331 Experiential Learning (B). *Open only to majors.* Requires a 50-hour practicum in a social agency, combined with 26 hours of classroom instruction. Prepares students for senior-level field instruction by self-assessment and by analysis of social-service systems. 3 Cr. *Every Semester.*

SWO 341 Social Work Methods I (B). *Prerequisites or corequisites:* SWO 321, 301. *Open only to majors.* Emphasizes a generalist orientation to prepare for entry-level practice. Offers a framework for understanding social work as a delivery system, in which skills are learned and carried out. Places special emphasis on basic skill development, especially written communication with a focus on case recording, written assessments, and other professional written documents. 3 Cr. *Fall.*

SWO 342 Social Work Methods II (B). *Prerequisite:* SWO 341; *prerequisite or corequisite:* SWO 331. *Open only to majors.* Explores the face-to-face service delivery process learned through identification and assumption of client/worker roles in generalist social-work practice. Uses exercises, role playing and simulations to enhance learning. Students learn skills of helping individuals, groups and families. 3 Cr. *Spring.*

SWO 372 Sex and the Life Cycle (Elective) (A). Emphasizes sexual development through the life span with an exploration of biological, psychological, societal, and political forces shaping,

determining direction, expression, and lifestyle in positive sexual fulfillment. Uses desensitization exercises for effective handling of feelings and attitudes, and explores selected procedures for dealing with sexual problems. 3 Cr.

SWO 373 School Social Work (Elective) (A). Covers current practice of social work in school settings; roles and tasks of social workers in educational contexts; skills pertinent to this area of practice; developmental/behavioral issues related to school-age children, with emphasis on the role of parents and community members; stress factors in schools; and various models of social work and personnel collaboration in dealing with student dysfunction. 3 Cr.

SWO 374 Probation and Parole (Elective) (A). Offers an overview of the history and philosophical foundations of probation and parole in the United States. Covers issues and problems relating to the pre-sentence report, determinate versus indeterminate sentencing, the variety of roles of the probation and parole officer and the legal decisions affecting probation and parole practice. 3 Cr.

SWO 375 Child Welfare (Elective) (A). Covers the historical development of child-welfare services in the United States and other nations, and related social-welfare policies affecting child and society and family. Emphasizes child abuse/neglect, foster care, adoption, exploitation, adolescent pregnancy, and legal status. Examines the rights of the child. 3 Cr.

SWO 379 People with Disability: Issues, Legislation, Intervention (A,J,D). Covers definition, legislation, and advocacy concerning persons with physically disabling conditions. Places strong emphasis on an exploration of deafness, blindness and cerebral palsy. Provides an historical survey of society's treatment of physically disabled people. Studies federal and state legislation affecting the civil rights of the physically disabled. 3 Cr.

SWO 411 Human Service Systems/Analysis (A). *Prerequisite:* SWO 311. *Open only to majors.* Covers concepts, methods and frame works used in the analysis and change of social welfare policy; human service systems in relation to social policy; economic and political contexts in relation to social policy; and legislated social policies relevant to the social work profession. 3 Cr. *Every Semester.*

SWO 441 Social Work Methods III (B). *Prerequisites:* SWO 331, 341, and 342. *Corequisite:* SWO 453 or 454. *Open only to majors.* Enables students to identify and perform various social-work roles and skills at the macro level and to use change-agent skills for group and community social work (e.g., organization and group member

roles). Explores social issues and social work attitudes for working with self-help groups, community groups and organizations. 3 Cr. *Every Semester.*

SWO 451 Concurrent Field Instruction I (B).

Prerequisites: SWO 331, 341, 342, and all other 200- and 300-level courses required for the major, and instructor's permission. *Open only to majors.* Allows for the application of social-work skills and knowledge to implement tasks and strategies of an entry-level generalist social worker in a service delivery system. 5 Cr. *Fall.*

SWO 453 Concurrent Field Instruction II (B).

Prerequisite: SWO 451; *corequisite:* SWO 441. *Open only to majors.* Provides a continuation of SWO 451 with an emphasis on elaboration and refinement of skills in a service delivery system. 5 Cr. *Spring.*

SWO 454 Block Field Instruction (B).

Prerequisites: SWO 331, 341, 342, and all other required 200- and 300-level courses required for the major, and instructor's permission. *Open only to majors.* Combines SWO 451 and 453 in a concentrated, four-to-five day/week block field placement. 10 Cr. *Fall.*

SWO 455 Concurrent Seminar in Field Instruction I (B).

Corequisite: SWO 451. *Open only to majors.* Provides an opportunity to achieve integration of classroom learning with field experience, and allows for development and integration of responsibilities of social work's professional role. 1 Cr. *Fall.*

SWO 456 Block Seminar in Field Instruction (B).

Corequisite: SWO 454. *Open only to majors.*

Continuation of SWO 455. 2 Cr. *Fall.*

SWO 457 Concurrent Seminar in Field Instruction II (B).

Corequisite: SWO 453. *Open only to majors.* Provides a continuation of SWO 455. Provides an opportunity to review and integrate course content from all of the program components. 1 Cr. *Spring.*

SWO 475 Womens' Lives (Elective) (A).

Cross-listed as WMS 475. Examines women as clients,

helpers, and policy makers in the context of social forces, values, and attitudes. Explores the theoretical, developmental, political and social implications of women's changing roles. Open to selected upper-division undergraduates. 3 Cr.

SWO 476 Gerontology (Elective) (A).

Examines the older person as an evolving individual; bio-psycho-social elements in the aging process; major issues related to the older person, the aging process; and the society. Compares the needs of the elderly with the service systems program and discusses methods of intervention specifically needed for the older person. 3 Cr.

SWO 478 Developmental Disability (Elective)

(A). Examines and analyzes developmental disabilities in individual, family and group-practice experiences; and policy and planning in the development, coordination and implementation of delivery systems. 3 Cr.

SWO 480 Ethical and Value Dilemmas in the Helping Professions (Elective) (A).

Examines the nature, basis and expression of value dimensions in the human helping processes used by professional care providers. 3 Cr.

SWO 482 Dealing with Diversity.

Helps students understand the different constraints and motivations of people from backgrounds different from their own. Examines, critical components of social interaction, the concept of race, social class, age, gender, sexual orientation, and the sociology of minorities. 3 Cr.

SWO 492 Topics in Social Work (A).

Provides an intensive study of a specific topic with a small group of students. May be repeated for credit if topics are different. 1-6 Cr.

SWO 499 Independent Study in Social Work

(A). Enables students to complete an independent project related to either academic or field study in an individually designed course. Enrollment by permission of and in consultation with social-work faculty; and in accordance with policies and guidelines of the Office of Academic Advisement. *Credits based on contract decision.*

Department of Sociology

**165 Faculty Office Building
(716) 395-2619**

Chairperson: Joan Z. Spade. *Professors:* Frederic C. Deyo, Spade; *Assistant Professors:* Jeffrey T. Lashbrook; Eileen O'Brien; Roger K. Steinhauer; Alan Turley. *Visiting Assistant Professor (Great Britain):* John Halsey. *Distinguished Professor Emeritus:* Edward C. Lehman. *Professors Emeriti:* Fred S. Halley; John E. Kramer, Jr.; Dorothy A. Mariner; Robert J. Potter, Robert Rutzen.

Sociology is the study of group life: its characteristics, changes, causes and consequences. It combines scientific and humanistic perspectives in the study of urban and rural life, family patterns and relationships, social change, intergroup relations, social class, mass media and communications, and health-seeking behavior, as well as social movements and community responses to social problems.

Sociology is a valuable liberal arts major not only for students planning careers in social research, criminology, demography or social psychology, but also for those pursuing a course of study in public administration, gerontology, education, nursing, rehabilitation, social work and market research. Sociology provides a useful background to students planning to enter law, business, medicine, community planning, and politics. Sociology majors are encouraged to explore career alternatives with a field placement through the sociology internship program.

Requirements for the Sociology Major:

The sociology major requires students to earn 30 credits in sociology, and complete all general college requirements leading to either the BA or BS degree [see "Baccalaureate Degree Requirements"]. All majors must complete the four core courses listed below.

Core Courses (12 credits)

SOC 100	Introduction to Sociology
SOC 200	Social Statistics
SOC 300	Sociological Theory
SOC 310	Methods of Sociological Research

We also recommend that students complete at least one three-credit course from each of the three course clusters listed below.

Course Clusters:

A. Social Organization

SOC 302	Mass Culture
SOC 304	Urban Sociology
SOC 306	Social Change: U.S. and the Third World
SOC 325	Social Class, Status and Power
SOC 350	Dynamics of Modern Organizations
SOC 352	Sociology of Work
SOC 427	Power in Human Societies

B. Social Institutions

SOC 312	Religion, Society and the Individual
SOC 314	The Black Family
SOC 351	Industrial Sociology
SOC 359	Black Church
SOC 361	Sociology of Sex, Marriage and the Family
SOC 412	Schools, Learning and Society
SOC 427	Power in Human Societies

C. Social Issues and Problems

SOC 210	Social Problems
SOC 317	Prejudice, Personality and Culture
SOC 331	Sociology of Mental Illness
SOC 332	Health, Medicine and Society
SOC 371	Deviant Behavior
SOC 372	Criminology
SOC 428	Racial and Ethnic Relations
SOC 464	Gender and Social Change
SOC 465	Sociology of Aging

Requirements for the Sociology Minor:

The sociology minor requires that students complete SOC 100 and 15 credits from other sociology courses.

Double Major in Criminal Justice and Sociology

This cooperative venture between criminal justice and sociology enables you to complete two majors before graduation. Completing the sociology major, in addition to the criminal justice major, is expected to serve you well in a number of ways. This option displays the completion of a second major on your graduation transcript, indicating an additional breadth of knowledge in the investigation of social problems. Given the social pressures that you know that impinge upon police officers, probation officers, and judges, and the strange character of justice today, additional knowledge and skills should serve you well. Completion of both majors may enhance your employment opportunities in criminal justice. We are now getting students returning for a second major in sociology after completing their bachelor's degree in criminal justice, to become eligible for career advancement. Additional knowledge about such matters as domestic violence, sex crimes, deviant behavior, and alternative methods of conflict resolution is invaluable for the person employed in criminal justice. At such time that you decide to become a master or doctor of criminology or sociology, this combined major should facilitate admission into the many graduate programs that combine sociology and criminology, as well as graduate work in either field. The combined major should also facilitate admission to graduate work in administration or law school, if these possibilities interest you.

For advisement on a double major in criminal justice and sociology, consult with any of your criminal justice professors or consult with any of our sociology professors. We suggest consulting with one of the substantial number of our students currently completing a double major in criminal justice and sociology. If you elect to pursue this option of a double major in criminal justice and sociology, do so as early in your career as possible, since courses in both areas fill up very quickly, and you receive preferential treatment through preregistration as a major in each area.

The double major in criminal justice and sociology is easy to accomplish. Sociology courses can fulfill your criminal justice corequisites and you may overlap sociology and criminal justice courses.

Sociology Courses

SOC 100 Introduction to Sociology (A,S). Introduces the sociological perspective on society and human behavior applied to familiar social surroundings; and the meanings and rules that shape human social life, the organization of social life and ways in which individual human beings are incorporated into and prepared for social interaction. *3 Cr. Every Semester.*

SOC 200 Social Statistics (A,T). Covers basic descriptive and inferential statistics and computer software used in social research. Students who

have received academic credit for BIO 431, ECN 204, MTH 243, PSH 202, PLS 300 or credit for an elementary statistics course from SUNY Brockport or from another institution may not receive credit for this course and must substitute another sociology course for the major. *3 Cr. Every Semester.*

SOC 210 Social Problems (A,S,D). Explores the nature of and the sociological approaches to social problems; the social relativity, extent, and complexity of the specific contemporary social problems selected for study; the range, limitations and the personal and social implications of

solutions to social problems; and sensitivity to the interdependent nature of various social problems. 3 Cr.

SOC 220 Introduction to Social Psychology (A,S). Covers social psychological theory and research in the interaction of individuals and groups; the extent to which others influence individual behavior; the dynamics of group participation; and the extent to which human potential is shaped within the context of group life. 3 Cr.

SOC 271 Gender, Race, and Class (A,W,D). *Cross-listed as AAS 271 and WMS 271.* Examines the intersecting experiences of gender, race, and class, and responses to the institutional and interpersonal discrimination in women's and men's lives. Investigates the history of efforts to end discrimination, and the ways these efforts translate into issues of current concern in the US. 3 Cr.

SOC 300 Sociological Theory (A). *Prerequisite: SOC 100 or 101.* Covers the historical development of sociological perspectives over the last two centuries. Focuses on key classical and contemporary theorists tracing the development of major issues and perspectives in sociology. 3 Cr. *Every Semester.*

SOC 302 Mass Culture (A). Examines the processes through which mass culture products are created and disseminated and the relationships between these products and social norms and values. Utilizes various theoretical perspectives and incorporates comparisons between elements of high and popular culture. 3 Cr.

SOC 304 Urban Sociology (A,D). Considers urbanization, its social consequences, and the alter native strategies for dealing with urban problems. Focuses on contemporary American urban issues, supplemented by examinations of urbanization in historical and cross-cultural perspectives. 3 Cr.

SOC 306 Social Change in the Third World (A). Explores problems of economic and political development in contemporary Third World countries. Emphasizes ways in which relations with industrialized countries influence patterns of social change in Latin America and Asia. 3 Cr.

SOC 310 Methods of Sociological Research (A,T). *Prerequisite: SOC 100 or 101.* Explores the process and logic of research, the range of research designs, and specific research tools for the collection and analysis of social data. 3 Cr. *Every Semester.*

SOC 312 Religion, Society and the Individual (A). Explores forms of religious meaning, action and organization, and the generalizations made in the sociology of religion concerning the relationships among religion, the individual, social

structure and social change. 3 Cr.

SOC 314 The Black Family (A). *Cross-listed as AAS 314.* Explores the sociocultural, political and economic conditions that affect black family life. Confronts the pejorative tradition as the primary modality for examining black family life, and explores the African antecedents and continuities that have influenced the black family in the U.S. 3 Cr. *See AAS 314.*

SOC 317 Prejudice, Personality and Culture (A). *Cross-listed as AAS 317.* Examines the historical and social conditions in which prejudice arises; social functions of prejudice and its psycho-social manifestations; the impact of prejudice and discrimination upon social and race relations in mass societies; and theories of prejudice. 3 Cr. *See AAS 317.*

SOC 325 Social Class, Status and Power (A). *Prerequisite: SOC 100 or 101.* Explores the nature, causes and consequences of inequalities of social class, wealth and power. Also examines major theories of social stratification and mobility in industrial nations. 3 Cr.

SOC 331 Sociology of Mental Illness (A). *Prerequisite: SOC 100 or 101.* Covers social theories and research about the definition and management of mental and emotional health and illness, and the organization of care for mental and emotional illnesses. 3 Cr.

SOC 332 Health, Medicine and Society (A). *Prerequisite: SOC 100.* Examines assumptions about medicine, health, and illness; and current knowledge about the relationship between society, the individual, and the social structure of the medical system. 3 Cr.

SOC 350 Dynamics of Modern Organizations (A). *Prerequisite: SOC 100 or 101.* Covers social scientific and other approaches to the study of modern organizations and bureaucracy in business, government, schools, health care, religion, etc. 3 Cr.

SOC 351 Industrial Sociology (A). *Prerequisite: SOC 100 or 101.* Studies the development of modern industrial organizations and changing patterns of labor-management relations in the U.S. 3 Cr.

SOC 352 Sociology of Work (A). *Prerequisite: Any lower-division sociology course.* Provides a study of work and occupations in modern society. Examines patterns of specialization, professionalization, bureaucratization, alienation, and conflict associated with blue-collar, clerical, professional, managerial, and other occupational groups; and special problems of minorities in the work world. 3 Cr.

SOC 359 The Black Church (A). *Cross-listed as AAS 359.* Provides an extended definition of the soul (essence) of the black church, and a critical analysis of the works of two exponents of the theology of liberation, in light of the historical experience of black people. 3 Cr. See AAS 359.

SOC 361 Sociology of Sex, Marriage and the Family (A,W). *Cross-listed as WMS 361. Prerequisite: Any lower-division sociology course.* Explores social variations in sex, marriage and family behavior, and social theories and research. 3 Cr. Every Semester.

SOC 371 Deviant Behavior (A). *Prerequisite: SOC 100 or 101.* Examines classical and contemporary theories of deviant behavior, the extent of criminal and deviant behavior in modern society, and analysis of various approaches to controlling deviant behavior. 3 Cr.

SOC 372 Criminology (A). *Prerequisite: SOC 100, 210 or 220.* Examines the extent and trends of crime and the problems of measuring crime. Covers the social, political and economic impact of crime on society, and distinguishes among various non sociological and sociological explanations of criminal behavior. Also assesses how each explanation of crime implies specific types of treatment and prevention policies. 3 Cr.

SOC 380 Social Movements (A,W,D). This course familiarizes students with classical and contemporary theories of social movements, and investigates United States movements, including civil rights and women's liberation, by way of these sociological perspectives. 3 Cr. Fall.

SOC 390 Career Exploration in Sociology (B). Brockport Career exploration Course (BCEC) in Sociology is a one-semester elective course that encourages sophomores, juniors and seniors to investigate a career through placement in an area human service agency, government office or class room. Allows students to work under the guidance of an immediate supervisor and a college faculty sponsor, and participate in workshops through the Office of Career Development and Placement. *Credit Varies.*

SOC 399 Independent Study (A). *Prerequisite: Instructor's permission.* Provides theoretical perspectives on social phenomena or a sub-area of sociology not covered by other registered courses. Arranged in consultation with instructor. *Credit Varies.*

SOC 404 Contemporary Sociological Theory (A). Explores different ways of interpreting and understanding the recurring patterns of everyday life, and epistemological assumptions of the major theoretical orientations in contemporary society. 3 Cr.

OAP 407 Studies in Social Science: London. Co-sponsored by Brunel University and SUNY Brockport. Enables students to live and to study in London. Through lectures, discussions and field trips, allows students to examine the relationships between British and American society. 15–30 Cr.

SOC 412 Schools, Learning and Society (A). *Prerequisite: SOC 100 or 101 or instructor's permission.* Explores the relationships between education and other institutions; and social structures and processes through which culture is transmitted. 3 Cr.

SOC 427 Power in Human Societies (A). Explores the acquisition, distribution, and use of power in human societies. Emphasizes the relations between power and major institutional arrangements, e.g., stratification systems, economics, politics, and forms of administrative control. 3 Cr.

SOC 428 Racial and Ethnic Relations (A,D). Provides a study of the role of race and ethnicity in social relations. Examines major theoretical orientations toward racial and ethnic stratification, as well as the consequences of inequality for both majority and minority groups. 3 Cr.

SOC 453 Contemporary Women's Issues (A). *Cross-listed as WMS 453.* Focuses on issues concerning women and their changing role in today's society. Although various issues are singled out for analysis through reading, lecture, and class discussion, all of them are interrelated by virtue of their focus on women. 3 Cr.

SOC 464 Gender and Social Change (A). *Cross-listed as WMS 464. Prerequisite: SOC 100, 101, 210 or 220.* Examines gender inequality in the U.S. and other societies, and the relation of the economic, political and social changes to gender roles. 3 Cr.

SOC 465 Sociology of Aging (A). *Cross-listed as WMS 465. Prerequisite: SOC 100, 101, 210, or 220.* Provides information and theories about the social aspects of aging including health income, family relationships, role change and social policy. 3 Cr. Spring.

SOC 489 Applied Social Research Practicum (A). *Prerequisite: Instructor's permission.* Provides direct experience in conducting sociological research under faculty supervision. 3 Cr.

SOC 499 Independent Study (A). *Prerequisite: Instructor's permission.* Examines various theoretical perspectives on a social phenomenon or sub-area of sociology not covered by other registered courses. Arranged in consultation with the instructor. 3–6 Cr.

Department of Theatre

**1103 Tower Fine Arts Building
(716) 395-2478**

Chairperson: Richard St George; *Associate Professor:* St George; *Assistant Professor and Scenic Designer:* P. Gibson Ralph; *Technical Director/Lighting Designer:* Gary T. Musante; *Costume Designer:* Gail Argetsinger; *Production Manager:* Michael Krickmire.

Synthesizing liberal studies with career-oriented theatre and drama training, the Department of Theatre is dedicated to the preparation of students for successful acting and technical theatre careers in professional and semi-professional venues, while simultaneously enriching the cultural life of the College and surrounding community through the public presentation of quality theatre productions. Theatre education is relevant in many applications and, not surprisingly, a theatre background is useful to and enriching for people in many different occupations.

At SUNY Brockport, theatre classes and productions are open to any student, whatever his/her major or interest.

Suggested career areas in theatre:

Actor/Actress	Drama Therapist	Scene Designer
Arts Administrator	Lighting Designer	Sound Designer
Business Manager	Lighting Technician	Stage Manager
Costume Designer	Make-up Specialist	Teacher
Critic	Producer	Technical Director
Director	Property Specialist	Wardrobe Mistress

Two academic programs are available: (1) major in theatre, BA or BS; (2) minor in theatre. The major in theatre is 43 credits: 25 credits in the major core and 18 credits in the track core. Theatre majors are also required to complete 15 credits of non-theatre courses as prerequisites.

Required Core for all Theatre Majors:

	Credits
THE 202 (B) Stagecraft	3
THE 201 (A,P) Theatre Arts	3
THE 221 (A) Acting I	3
THE 308 (B) Stage Management Practicum	1
THE 314 (A) History of Theatre I	3
THE 315 (A) History of Theatre II	3
THE 319 (A,U,W) Play Analysis	3
THE 401 (A) Research in Theatre	1
THE 402 (A) Senior Project in Theatre	2

And one of the following:

THE 353 (A) Children's Theatre	3
THE 414 (A) American Theatre	3
THE 420 (A,I) Theatre and Dilemmas of Society	3
THE 490 (A) Special Topics in Theatre	3
Total:	25

The Acting Track

1. Core Requirements:	
THE 322 (B) Acting II	3
THE 323 (B) Acting III	3
THE 422 (B) Acting IV	3
THE 124 (A) Voice and Diction	3
THE 234 (A) Physical/Vocal Training	3

And one of the following:

THE 345 (A)	Stage Makeup	3
THE 351 (A)	Directing	3
Total:		18

2. Corequisites:

a) One upper-division course by advisement, in dramatic literature from a discipline outside the Department of Theatre. (Of particular interest are ENL 313 and ENL 314.)

b) A minimum of twelve credits, by advisement, from the following:

Dance technique courses

General dance courses

Fencing

Judo

Music

Total:

15

Design and Technology Track

1. Core Requirements:

THE 236 (B)	Theatre Graphics	3
THE 244 (A)	Costume Construction	3
THE 341 (A)	History of Costume	3
THE 235 (A)	Stage Lighting	3
THE 338 (A)	Technical Production	3
THE 334 (B)	Scene Painting and Rendering	3
Total:		18

2. Corequisites:

ART 221 (A,P)	Drawing I	3
OR		
ARH 201 (A,F)	Survey of World Art I	3
OR		
ARH 202 (A,F)	Survey of World Art II	3
	One class in dramatic literature	3
	(Of particular interest is ENL 313 or 314.)	
	And three of the following:	9/10
ART 101 (A,P)	Visual Art Experience	3
PHS 111 (A)	General Physics I	3
PHS 115 (A,L)	General Physics I with Lab	4
DNS 207 (B)	Dance Production	3
AMT 210 (B,T)	Arts Organization and Information Mgmt.	3
AMT 451 (B)	Internship in Arts Management	3
ARH 215 (A,F)	Art Appreciation	3
DNS 236 (B)	Dance Management	3
CMC 348 (B)	Television Production	3
ARH 480 (B,T)	Museum and Gallery Studies	3
Total:		15/16

General Theatre Track

1. Core Requirements

Any six of the following by advisement:

	Credits	
THE 111 (A,F)	Introduction to Theatre	3
THE 232 (A,P)	Improvitational Theatre	3
THE 235 (A)	Stage Lighting I	3
THE 332 (A)	Scene Design I	3

THE 338 (A)	Technical Production	3
THE 345 (A)	Stage Makeup	3
THE 347 (A)	Costume Design I	3
THE 351 (A)	Directing	3
THE 353 (A)	Children's Theatre	3
THE 363 (A)	Playwriting	3
THE 365 (A)	Puppet Theatre	3
THE 414 (A)	American Theatre	3
THE 420 (A,I)	Theatre and Dilemmas of Society	3
THE 490 (A)	Special Topics in Academic Theatre	3
Total:		18

Note: Courses taken to fulfill theatre major core may not be used for general theatre core.

2. Corequisites:

Non-theatre courses by advisement	Total:	<u>15</u>
-----------------------------------	---------------	-----------

Minor in Theatre

Students are invited to minor in theatre to enhance their knowledge and experience as well as to participate in theatre. A minimum of 18 credits is required.

The following six credits are required courses: Credits

THE 111 (A,F)	Introduction to Theatre	3
	And one of the following:	3
THE 202 (B)	Stagecraft	3
THE 201 (A,P)	Theatre Arts	3
THE 101-107(B)	Practicum (1 credit per semester for 3 semesters)	

NOTE: In addition, by contract, the students must take a minimum of four courses in the area of concentration. 12

Total: 18

Interviews Auditions for Admission into the Department of Theatre

The Department of Theatre at SUNY Brockport offers the following selection of tracks for the BA/BS degree in Theatre: Acting, Design Technologies and General Theatre. To be accepted into the Acting track, candidates must take part in both the interview and audition process described below. Candidates wishing admittance into the Design Technologies track must participate in both the interview and portfolio review described below. Selection into the Acting or Design Technologies tracks will be made by theatre faculty conducting the above. A third track, in General Theatre, does not require a interview, audition or portfolio review. Interested students should contact the Chairperson of the Department of Theatre for specific information about where and when these interviews, auditions and portfolio reviews will be scheduled.

Stage Management Requirement

All theatre majors are required to serve as a stage manager or assistant stage manager. This requirement can be fulfilled by stage-managing one of the following productions while enrolled in the required course, THE 308 Theatre Production Management:

1. Faculty-directed shows
2. Second Season shows
3. Special projects (plays or scenes assigned from appropriate directing and/or acting classes)
4. Senior projects
5. Mini-tour

Production/Audition Participation Requirement

1. All theatre majors, minors, and IARC-theatre specialty students must participate in the production program of the department.
2. All theatre majors, minors, and IARC-theatre specialty students are urged to participate in auditions for faculty-directed productions based on departmental guidelines.

Interdisciplinary Arts for Children: Theatre Specialty**Interdisciplinary Core Courses: (6 Credits)**

IAC 280 (A)	Introduction to Related Arts for Children (fall only) ¹	3
IAC 491 (A)	Seminar in Arts for Children (spring only) ²	3
Interdisciplinary Core:		6

Theatre Specialty: (21 Credits)

Technical

THE 201 (A,P) Theatre Arts

or

THE 202 (B) Stagecraft 3

Performance

THE 221 (A,P) Acting I 3

Child Drama

THE 281 (B) Creative Drama 3

THE 353 (A) Children's Theatre 3

THE 365 (A) Puppet Theatre 3

THE 433 (B) Creative Drama Practicum ³ 3

History (one of the following)

THE 314 (A,U) History of Theatre I: Classical through Renaissance

THE 315 (A,U) History of Theatre II: Romanticism through Modern

THE 319 (A,U,W) Play Analysis 3

Theatre Specialty: 21**Arts Block: (21 Credits)**

Art

ART 101 (A,P) Visual Art Experience 3

ART 417 (B) Methods of Teaching Art on Elementary Level ⁴ 3

Dance

DNS 115 (A,P) Introduction to Dance 3

DNS 483 (A) Children's Dance I 3

Students with previous experience can take DNS 483 and DNS 484 in this sequence.

Music

MUS 105 (A,P) Introduction to Music 3

MUS 487 (A) Music and the Child ⁵ 3

Elective:

ENL 482 (A) Children's Literature 3

Arts Block: 21**Total: 48**¹ This course must be taken before declaring a major in Arts for Children.² This course must be taken by all IARC majors at the conclusion of program of study.³ Prerequisite: THE 281.⁴ Prerequisite: An introductory art course or instructor's permission.⁵ Prerequisite: MUS 105 or instructor's permission.

1. All Arts for Children-Theatre specialty students must participate in the production program of the department.
2. All Arts for Children-Theatre specialty students are required to participate in auditions for faculty-directed productions based on departmental guidelines.

Theatre Courses

THE 101 Acting Practicum (B). Allows students to develop an understanding of the theatre production process through a practicum experience in acting. *1 Cr.*

THE 102 Lighting Practicum (B). Allows students to develop an understanding of the theatre production process through a practicum experience in stage lighting. *1 Cr.*

THE 103 Directing Practicum (B). Allows students to develop an understanding of the theatre production through a practicum experience in directing. *1 Cr.*

THE 104 Sound Practicum (B). Allows students to develop an understanding of the theatre production process through a practicum experience in sound. *1 Cr.*

THE 105 Painting Practicum (B). Allows students to develop an understanding of the theatre production process through a practicum experience in painting scenery. *1 Cr.*

THE 106 Costume Practicum (B). Allows students to develop an understanding of the theatre production process through a practicum experience in costume design and construction. *1 Cr.*

THE 107 Stage Crew Practicum (B). Allows students to develop an understanding of the theatre production process through a practicum experience as part of a stage crew. *1 Cr.*

THE 111 Introduction to Theatre (A,F). Allows students to develop an understanding of the basic elements and unique characteristics of the theatre arts. Studies representative dramatic master pieces. *3 Cr. Every Semester.*

THE 124 Voice and Diction (A). Provides a basis for improving the voice, including proper breathing, resonance, phonation, and articulation. Emphasizes elimination of regional accents, proficiency in articulation of vowel, diphthong and consonant sounds, and increased awareness of variety in pitch, inflection and volume. Includes study of the International Phonetic Alphabet (IPA). *3 Cr.*

THE 201 Theatre Arts (A,P). Provides an introduction to theatrical production, including basic analysis of the playscript, developing artistic concepts, translating concepts into workable plans, and methods for executing plans. *3 Cr. Every Semester.*

THE 202 Stagecraft (B). Familiarizes students with the theatre technician's tools, areas of theatre, and factors that comprise production work in scenery construction. *3 Cr. Every Semester.*

THE 221 Acting I (A,P). Provides an introduction to the methods of acting, with emphasis on basic techniques. Also provides for the development of the human instrument through various physical, emotional, and psychological methods of training. *3 Cr. Every Semester.*

THE 232 Improvisational Theatre (A,P). Covers principles and techniques of improvisation as an art form, and fundamentals of ensemble-playing, characterization and play-making (creation of scenarios). Explores the effect of the dramatic process on communication skills and human development. *3 Cr. Every Semester.*

THE 234 Physical and Vocal Training (A). *Prerequisite: THE 124.* Provides a basic introduction to the coordination of the voice and body as an instrument of communication. Emphasizes proper body alignment and efficient vocalization, including relaxation techniques, proper breathing and resonance exercise, and exploration of the mind-body voice as a unified entity. *3 Cr.*

THE 235 Stage Lighting I (A). *Prerequisite: THE 202.* Introduces the use of various types of lighting equipment. Studies basic design and color theory and practice. Requires students to serve as lighting crew for departmental productions. *3 Cr.*

THE 236 Theatre Graphics (B). *Prerequisite: THE 202.* Covers the use of standard drafting equipment; drawing of two- and three-dimensional projections; and application of drafting skills to theatre projects. *3 Cr.*

THE 244 Costume Construction (A). Studies theories and procedures in the stage costume process, including costume design, construction, patterns, fabric, shop organization. Allows students to acquire basic sewing skills, as well as practical backstage experience. *3 Cr.*

THE 281 Creative Drama (B). Covers theories of creative drama. Provides discussion and demonstrations of the process mode art form, application to child development and to curriculum, and micro teaching units with lab class emphasizing improvisation exercises and story dramatization. *3 Cr.*

THE 308 Stage Management Practicum (B). Allows students to develop an understanding of

the theatre production process through a practicum experience in management. *1 Cr.*

THE 314 History of Theatre I: Classical Through Renaissance (A,U). Surveys the origin and development, production techniques, acting styles, and significant plays from the classical period through the Renaissance. Also includes the discussion of aesthetics, rituals, functions, and theatre traditions of non-western cultures: India, China, Japan, Korea, Africa, Latin America, etc. *3 Cr. Fall.*

THE 315 History of Theatre II: Romanticism through Modern (A,U). Covers the development of theatre and drama from the 19th century to the present. *3 Cr. Spring.*

THE 319 Play Analysis (A,U,W). Studies selected plays from the directorial point of view. Includes analysis of themes, characters, structures, and styles; discussion of women's perspectives based on the plays written by women; understanding characteristics of the plays written by ethnic minority writers; and critique of productions. *3 Cr.*

THE 322 Acting II (B,U). *Prerequisite: THE 221.* Provides continuing work in acting, with an emphasis on character development and analysis through scene work and discussion. *3 Cr.*

THE 323 Acting III (B,U). *Prerequisite: THE 322.* Provides advanced work in acting techniques, characterization and script analysis; and continuing work on basic physical tools of voice and movement. *3 Cr.*

THE 332 Scene Design I (A). *Prerequisite: THE 236.* Allows students to develop and communicate a visual metaphor for a play, and use the basic elements of design and the principles of composition. Analyzes design and explores our age in the history of theatrical design, both Western and Oriental. *3 Cr.*

THE 333 Scene Design II (B). *Prerequisite: THE 332.* Requires students to translate a visual metaphor into a design for the stage, communicate that design to others via the graphic process, develop and use a unit list to mount a production, and learn the verbal and visual sources necessary to understand a play. *3 Cr.*

THE 334 Scene Painting and Rendering (B). *Prerequisite: THE 333.* Allows students to match colors by mixing different kinds of paint, copy and enlarge paintings for stage purposes, develop painter's elevations, and render a design. *3 Cr.*

THE 336 Stage Lighting II (B). *Prerequisite: THE 235.* Provides an advance study of lighting design and practice. Includes draft lighting plots and related paper work. Requires students to learn

to program computer control board. May provide practical design assignments. *3 Cr.*

THE 338 Technical Production (A). Covers the operation of basic shop equipment; basic construction techniques for building platforms, step units, flattage, and two-dimensional scenery; and theoretical knowledge applied to theatrical production. *3 Cr.*

THE 341 History of Costume (A). Covers the history of clothing from Classic to modern times, using primary source material. Allows students to evaluate costumes and adapt costume forms for stage use. Requires preparation of personal library of sources. *3 Cr.*

THE 345 Stage Makeup (A). Covers techniques in stage makeup, including uses and characteristics of makeup materials and methods of application, character analysis and design of realistic, old age, caricature, and fantasy styles. *3 Cr.*

THE 347 Costume Design I (A). Covers the fundamentals of costume design: design principles, character analysis, and use of historical source material; analysis of how clothing reveals character and motive; and selection of colors, forms, fibers, and weaves appropriate to the mood, style, period, and interpretation of a play. *3 Cr.*

THE 348 Costume Design II (A). Explores techniques and styles in designing film, theatre and dance costumes, involving a variety of historical, contemporary, and non-traditional theatre pieces. Allows students to design/assist workshop and lab theatre productions in order to apply theory to practical experience. Emphasizes portfolio presentation, research, and design criticism. *3 Cr.*

THE 351 Directing (A). *Prerequisites: THE 221 and 314 or 315.* Prepares students for directing, including intensive analysis of the playscript, development of the ground plan, basic principles of composition, picturization, and movement. *3 Cr.*

THE 353 Children's Theatre (A). Covers dramatic literature for young audiences, representative forms and theatres, historical perspective and current trends. Includes theory and practice. *3 Cr.*

THE 363 Playwriting (A,U). *Cross-listed as WMS 363.* Covers principles of playwriting. Requires preparation, with class discussion and critiques, of an original one-act play. Includes optional rehearsed reading. *3 Cr.*

THE 365 Puppet Theatre (A). Covers the historical roots of puppetry and its relationship to other arts, especially theatre; and designing, constructing, and manipulating various kinds of puppets. *3 Cr.*

THE 399 Independent Study in Theatre (A). *Prerequisite: Instructor's permission.* To be defined in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 1–3 Cr.

THE 400 Theatre Viewing (A,U). Provides students with the tools and opportunity to critically analyze, evaluate and appreciate theatre productions. Students view several professional theatre productions and participate in backstage tours and discussion with artistic staff. 3 Cr.

THE 401 Research in Theatre (A). *Prerequisite: Junior or senior status.* Covers research methods used in theatre. Requires students to design and formulate a project in the area of their specialization in theatre which will be completed in THE 402, including necessary research and a written proposal for the project. 1 Cr. *Every Semester.*

THE 402 Senior Project in Theatre (A). *Prerequisite: Senior status.* Requires preparation and execution of a research project. 2 Cr. *Every Semester.*

THE 414 American Theatre (A,U,W). Covers the development of American theatre from Colonial period to present time, particularly theatre architecture, production techniques, scene design, styles of acting, producers, plays, and playwrights. 3 Cr.

THE 420 Theatre and Dilemmas of Society (A,I). Explores the role played by the theatre in raising consciousness towards significant social, political, educational, religious, and technological developments. 3 Cr.

THE 422 Acting IV (B,U). *Prerequisite: THE 323 or instructor's permission.* Provides intensive study and practice of specific acting techniques as they pertain to various periods, including Elizabethan, Restoration, and others selected by instructor. 3 Cr.

THE 426 Improvisational Studio (B). *Prerequisites: THE 232 and instructor's permission.*

Provides advanced work in giving dramatic structure to ideas and stories. Requires performance for and leadership of groups of various ages in improvisation. 3 Cr.

THE 430 Children's Theatre: Mini-Tour (B). *Prerequisites: THE 281, 353, and/or instructor's permission.* Covers methods for development and performance of plays for children in non-theatre spaces and the genre of plays suitable to the specific project. Requires performing in an ensemble, developing skills in group and individual improvisation, material suitable for presentation to a child audience, working with a child audience, and touring production for child audiences. 4 Cr.

THE 450 Field Experiences in Theatre (A). *Prerequisite: Instructor's permission.* Allows students to identify methods, techniques, and procedures involved in the project being studied, perform these functions and/or observations, and plan a design for implementing the project in a different situation. 6–12 Cr.

THE 483 Creative Drama Practicum (B). *Prerequisite: THE 281.* Examines current theories in creative drama in United States and England. Requires research and preparation of appropriate activities as part of training leaders, and 20 hours of independent work in an educational institution or community agency. 3 Cr.

THE 490 Special Topics in Theatre (A). Covers topics such as non-Western theatre, dramatic theory and criticism, and contemporary trends in theatre. The exact nature of the topic and instructional methodology are defined by the instructor. 3 Cr.

THE 499 Advanced Independent Study in Theatre (A). *Prerequisite: Instructor's permission.* To be defined in consultation with the instructor-sponsor and in accordance with the procedures of the Office of Academic Advisement prior to registration. 3 Cr.

Water Resources—See Earth Sciences

Women's Studies—Interdisciplinary Program

**140 Faculty Office Building
(716) 395-5700**

Director: Jennifer M. Lloyd; *Faculty:* Michele Carron (Physical Education and Sport), Patti A. Follansbee (Health Science), Kathleen Hunter (Health Science), Owen S. Ireland (History), Barbara Kasper (Social Work), Lloyd (History), John K. Marah (African and Afro-American Studies), Catherine McKeen (Philosophy), Anne Macpherson (History), Yuko Matsukawa (English), Evelyn S. Newlyn (English), Eileen O'Brien (Sociology), Andrea Parada (Foreign Languages and Literatures), Christine Plumeri (Criminal Justice), Andrea Rubery (Political Science), Robert Rutzen (Sociology), Patricia Sharkey (Nursing), Alan Turley (Sociology), LouAnn Wurst (Anthropology).

The Women's Studies program at SUNY Brockport is a multidisciplinary, college-wide program which engenders in students an inclusive perspective, and provides students and faculty a framework within which to focus on questions, issues, and theories related to women's lives, roles, status, and contributions. The Women's Studies program is also committed to the integration of women's experiences, values, and accomplishments into all College curricula.

Additional goals are to make women visible in their similarities and their differences, and to value personal experience as a way of knowing; to develop a greater understanding of institutional, psychological, and social forces which relegate women to positions of social subordination; and to create and produce new scholarship and new knowledge about women and apply it to personal, political, and institutional change.

Courses deal with topics such as the diversity of women's experiences; gender similarities and differences; women's self-perceptions; images of women in folklore, film, and literature; and the intersection of race, class, and gender. A central objective is the development of knowledge and methodologies relevant to the shaping of social policies affecting women's lives in institutions such as the health-care system, the workplace, the family, and the judicial system.

Women's studies strengthens both individual and career development, and is valuable preparation for fields such as law, administration, social work, education, the health professions, government service, business, counseling, journalism, recreation, and library science. Students may take courses for a minor, a CLAM major, or a concentration within an existing major, as electives, or for independent study.

CLAM Programs in Women's Studies

CLAM (Contractual Liberal Arts Major) programs are possible in women's studies. An individualized selection of courses related to an existing major must be established in consultation with two advisors. For further information, contact the Director of Women's Studies at (716) 395- 5700.

Minor in Women's Studies

A minor in women's studies requires 18 credits, with nine in interdisciplinary core courses: WMS 101, 301, and 401. The remaining nine credits are chosen, with advisement, from the list of approved women's studies electives. At least one elective must be an upper-division course. Half the credits for the minor in women's studies (nine credits) must be taken at SUNY Brockport.

The required core courses for the minor are:

		Credits
WMS 101	Introduction to Women's Studies	3
WMS 301	Feminist Theory	3
WMS 401	Senior Seminar in Women's Studies	3

Women's Studies Courses

WMS 101 Introduction to Women's Studies (A,S,W,D). Provides an introduction to women's studies, its perspective, and its interdisciplinary nature. Using several disciplines, examines women's position in culture and society and explores the genesis, development, and impact of our culture's assumptions about women's nature and women's roles. 3 Cr. *Every Semester.*

WMS 102 Women and Men (A). Examines women's position and representations of women in society, culture, the economy and politics. Investigates women's continuing subordination to men. 3 Cr.

WMS 200 Topics in Women's Studies (A). To be defined by the instructor in accordance with the specific topic to be covered in that semester. Typically, topic areas are gender and language or women on the margins of society. 3 Cr.

WMS 250 Women and the Arts (A,F,W). *Cross-listed as IDA 250.* Explores the hidden history of women artists. Analyzes the characteristics of feminine movements, and studies the aesthetics of visual and performing arts created by women in various cultures. 3 Cr.

WMS 262 Female: Myth and Reality (A). Explores the roles and status of females from a cross-cultural perspective; how females perceive themselves and how they are perceived by others in different societies; and biological differences between males and females as these are used to arrive at socially significant distinctions. 3 Cr. *Spring.*

WMS 270 Leadership—An Introduction (A). *Cross-listed as DCC 250.* Introductory course based on the Gettysburg Leadership Model. Entails 29 interactive leadership modules and an experiential learning component emphasizing goal setting and team building. Specifically emphasizes gender and other co-cultural differences affecting leadership. 3 Cr.

WMS 301 Feminist Theory (A). *Prerequisite: WMS 101 or instructor's permission.* Provides an advanced interdisciplinary and multicultural introduction to the main traditions of feminist theory, to the impact of feminist theory on a variety of disciplines, and to feminist theory as applied to various issues in society and culture. 3 Cr. *Fall.*

WMS 307 Gendering The Past (A,J,W). *Cross-listed as ANT 307.* Explores the relationship between past and present in the context of interpreting gender roles. Evaluates claims or interpretations based on historical or archeological

data. Introduces a wide range of historically conditioned gender roles. 3 Cr.

WMS 310 Women in Art (A). *Cross-listed as ARH 310.* Until recently art history texts contained no references to either women artists or to the role that women played in the arts. First addresses a number of questions in order to discover the reasons why women were ignored when art history texts were written, and finally examines the accomplishments of women artists throughout recorded history. 3 Cr.

WMS 312 Sex, Evolution, and Behavior (A). *Cross-listed as BIO 312.* Studies the relationship between genetics, anatomy, physiology, and behavior from the point of view of sexual reproduction, competition, and fitness. Also explores the relationship between reproductive mating systems and specific ecological environments. Examines invertebrates and vertebrates, with a final discussion on whether humans "fit" the typical patterns encountered in other mammalian species. For non-biology majors. 3 Cr.

WMS 313 Gender Politics (A,I,W). *Cross-listed as PLS 313.* Explores, from a feminist perspective, socio-political barriers that have made women the "majority minority" or "silenced majority." Includes barriers such as discriminatory legislation, political folkways, sex and gender roles, and myths that have created and perpetuated a male-dominated society. 3 Cr. *Fall.*

WMS 315 Contemporary Black Women (A,I,W,D). *Cross-listed as AAS 315.* Eclectically explores the various positions and roles played by black women in contemporary times against their historical back drop. Focuses on the roles of black women in traditional and contemporary contexts in Africa, black women in rural and urban areas, black women in the Caribbean, and professional black women and their characteristics. 3 Cr. *Spring.*

WMS 323 History of European and American Women (A,U,W). *Cross-listed as HST 323.* Surveys the history of women in Europe and North America from 1700 to the present. Examines changes in women's economic, social, cultural and political roles, and in images and stereotypes of women, and explores the growing emphasis on reproduction and mothering in the modern era. Focuses on ordinary women's experience. 3 Cr.

WMS 328 Women in America (A,W,D). *Cross-listed as HST 328.* Examines cultural images of American women, such as the Victorian lady, the flapper, and Rosie the Riveter, as prescriptions within specific socio-economic contexts, from the ante-bellum period to the present; individual as

well as organized resistance to conventional definitions of womanhood; and contemporary issues, including employment, reproductive freedom, and the significance of the media within an historical context. 3 Cr. Fall.

WMS 335 Feminism and Philosophy (A,J,W,D). *Cross-listed as PHL 335.* Covers feminist theory and philosophy as they converge on some basic questions of enduring importance, e.g. personhood, knowledge, and reality. Explores some varieties of feminism (liberal, radical, multicultural, postmodern and cyberfeminism). Investigates how these feminisms engage issues of contemporary moment such as work equity, sexuality, pornography, and technology, and examines the philosophical significance of these engagements. 3 Cr.

WMS 339 Writings by African-American Women (A,U,W,D). *Cross-listed as ENL 339 and AAS 339.* Explores the literary representations of women in Afro-American fiction from the Harlem Renaissance to the present. Examines the degree to which sexism, cultural stereotypes and racism influence the portrayals and function of women in black American literature. To what extent is the author concerned with women's issues? How has the emergence of the feminist movement influenced contemporary authors? 3 Cr.

WMS 344 Sex, Sin and Sorority: Women in the Early American Republic (A,U,W). *Cross-listed as HST 344.* Explores the origins of the modern American woman. Seeks to describe and explain the ways women in America transformed their reproductive, productive, political, and personal lives during the first century of The Great American Republic, c.1776-1876. Aimed at a general audience. Entails lectures, reading, discussion, quizzes, essay exams. 3 Cr. Fall.

WMS 350 Interdisciplinary Perspectives on Western Women (A). *Cross-listed as GEP 350.* Examines and explores Western women's experience from ancient Greece to the present from many perspectives: historical, professional, political, social, familial, and legal. 3 Cr. Summer.

WMS 354 American Film Genres (A). *Cross-listed as HST 354.* Focuses on American film genres such as musicals, film noir, westerns, science fiction and horror, and melodrama, stressing an understanding of film technique; theories about genre formulation; the evolution of genres within specific socioeconomic contexts during the 30s, 40s, and 50s; the relevance of genres to contemporary filmmakers; and the ideological function of film. 3 Cr. Spring.

WMS 359 European Women (A,U,W). *Cross-listed as HST 359.* Examines the history of European women since 1500, including traditional roles in political, cultural, and social life. Focuses on change over the centuries. 3 Cr.

WMS 360 Sex and Culture (A,J,W,D). Explores human sexuality as variously and richly patterned by different cultures. Covers the evolution of human sexuality; cultural significance of biological sex differences; sex roles; patterning of heterosexuality, homosexuality, and transsexuality in selected world cultures; and changing patterns of sexual behavior in the U.S. Emphasizes the female perspective and the interplay of biological, psychological, and cultural factors in the patterning of human sexuality. 3 Cr. Every Semester.

WMS 361 Sociology of Sex, Marriage and the Family (A,W). *Prerequisite: Any lower-division sociology course. Cross-listed as SOC 361.* Examines social variations in sex, marriage and family behavior; and social theories and research. 3 Cr. Every Semester.

WMS 362 Women in Western Political Thought (A,J,W,D). *Cross-listed as PLS 362.* Covers major theories of sexual politics, including Freud's theory of femininity, reform liberalism, socialist theory, and the theory of radical feminism. 3 Cr.

WMS 375 Latin-American Women (A). *Cross-listed as FCE 375.* Analyzes women's roles within the societies of the Caribbean and Latin America to develop an understanding of the double standards imposed on men and women. Studies the impact of socialization and the development of a critical consciousness. One semester each in English and Spanish. 3 Cr.

WMS 378 Women Writers in American Literature (A,J,W,D). *Cross-listed as ENL 378.* Examines the ways in which American women writers address the particular circumstances of women's lives during particular decades. Explores the diversity of women's writing by including the works of best-selling writers, women of color, working-class women, and radical experimentalists. Provides students with an historical, social and cultural context in which to locate various works. 3 Cr. Spring.

WMS 380 Issues and Perspectives on Women's Health Care (A,U,W). *Cross-listed as NUR 380.* Analyzes and examines issues and needs related to the health care of women, from both an individual and societal focus. Includes women's changing roles and lifestyles, and traditional and non-traditional modes of health care. Covers these

topics: sexuality, sexually transmitted diseases, abortion, birth-control methods, rape, battered women, eating disorders, substance abuse, depression, reproductive technology, pregnancy, healthy aging, health promotion, and interacting with the medical system. 3 Cr. *Spring*.

WMS 390 Gender Apartheid (A). Examines the issue of forced segregation of women (gender apartheid) from domestic and global perspectives. Discusses contemporary US movements that promote gender apartheid and analyzes fictional and non-fictional accounts of cultures that practice it. Explores in depth the status of women and children in Afghanistan after the Taliban takeover. 3 Cr.

WMS 396 Women in Sport (A). *Cross-listed as PES 396.* Covers the historical, contemporary, and future perspectives of women in sport. Reviews insights from history, psychology, and sociology related to women in sport, as well as athletes' perceptions of their performance. Focuses on information and issues which are fundamental to understanding women's participation in sport. 3 Cr. *Every Semester.*

WMS 401 Senior Seminar in Women's Studies (A,W). *Prerequisites: WMS 101 and 301, and senior status; or instructor's permission.* Provides advanced study of a significant topic in women's studies through an integrative interdisciplinary and multicultural approach. Also provides students the opportunity to think critically and analytically about women's lives, experiences, values, and contributions; and requires students to produce a well-reasoned seminar paper. 3 Cr. *Every Semester.*

WMS 402 Women's Health (A,W). *Cross-listed as HLS 402.* Explores many facets of the health-care system and addresses many issues pertaining to the emergence of women taking an active role in maintaining physical, mental, and emotional health. Presented in a non-medical manner to provide useful information any woman can understand and use. 3 Cr. *Summer.*

WMS 403 Biography and Life History (A). *Cross-listed as ANT 403.* Explores the expression of life stories, their collection and recording, and their presentation in written format. Covers the evolution of the life history in anthropology and oral history; life history as a Western genre; life stories in non-Western form; gender and life stories; the life history as an expression of the self versus the life history as a window on culture; and the limitations of life history research. 3 Cr. *Spring.*

WMS 419 Human Sexuality (A,W). *Cross-listed as HLS 419.* Provides each student with the opportunity to gain an awareness of him/herself and others as sexual beings. Examines sexual knowledge, attitudes, and behaviors throughout the various life stages, in order to integrate human sexuality into one's total health and well-being. 3 Cr.

WMS 420 Practicum in Women's Studies (A). Allows students to put feminist theory into practice in a structured setting. Provides a faculty-supervised opportunity to work in a woman-centered organization, to devise and complete projects within the organization, and to study the organization from a feminist perspective. 3 Cr.

WMS 427 Women in the English Novel (A,U,W). *Cross-listed as ENL 427.* Provides an in-depth examination of some of the great English novels, with some attention to novels from other countries, to consider their thematic forms and functions, their literary significance, and especially what they reveal about the roles of women and attitudes to patriarchy. 3 Cr.

WMS 429 Women: History and Theory (A). *Prerequisite: HST 328 encouraged, but not required. Cross-listed with HST 429.* Designed as a reading seminar, investigates how women's history is constructed as social and cultural history, and how the discipline intersects with cultural studies in analyzing representations of women in popular culture, biography, and visual media. 3 Cr. *Spring.*

WMS 433 Psychology of Gender (A). *Prerequisite: A general psychology course (PSH 101, 110, or 112). Cross-listed as PSH 333.* Surveys the psychological and social impact of sex differences, sex roles, and the development of gender identity on behavior. Examines historical antecedents of gender differences, development of gender identity, and sex differences in performance, attribution, achievement, cognitive, interpersonal behavior, psychopathology, and response to therapy to illustrate "facts" and "fictions" in gender research. 3 Cr.

WMS 435 Legal Rights of the Disadvantaged (A,I,W,D). *Cross-listed as AAS 435 and PLS 435.* Issue-oriented. Includes an understanding of how the U.S. legal system can be used to improve the status of the disadvantaged, such as blacks, Hispanics, women, prisoners, poor, students, Native Americans, homosexuals, and those with mental and physical disabilities. 3 Cr.

WMS 438 Latin American Women's History (A). *Cross-listed as HST 438.* Examines at an advanced level the diversity of Latin-American and Caribbean women's experiences from Iberian conquest to the 20th century. Analyzes the gender dynamics of colonial, national, dictatorial, and revolutionary states, economies, and cultures, as well as the importance of women's movements and feminism. Discusses Latina history in the U.S. and of Latin-American and Caribbean masculinity in historical perspective. 3 Cr.

WMS 441 American Literature: 19th-century Women's Novel (A,U,W). *Cross-listed as ENL 441.* Provides an advanced study of women in literature and women's literature, focusing, for example, on some aspect of female lives, such as adolescence; on one or more female authors writing in a shared tradition, genre, or period; or on women writing on a common topic or from perspectives held in common. 3 Cr.

WMS 451 Women and Work (A). *Cross-listed as SOC 451.* Examines women's work from cross-cultural, historical, and sociological perspectives, with particular emphasis on the analysis of the role assigned to women in late industrial society as housewives. 3 Cr.

WMS 452 Women and Health (A). *Cross-listed as SOC 452.* Analyzes the myths and realities of women, health and illness. Includes a review of the place of women in the health-care system as patients and health-care providers. Concentrates on women/health/illness in the 20th-century U.S., but uses cross-cultural and historical materials to give an added dimension to the theories and substantive materials of this field. 3 Cr.

WMS 453 Contemporary Women's Issues (A). *Cross-listed as SOC 453.* Focuses on issues concerning women and their changing role in today's society. Singles out various issues for analysis through reading, lecture, and class discussion, all interrelated by virtue of their focus on women. 3 Cr.

WMS 457 Women and Film (A,J,W,D). *Cross-listed as ENL 457.* Focusing on films directed by women, considers the following questions: Have women filmmakers depicted the world differently from "dominant" cinema? What possibilities exist for forms of "feminine" film discourse which are truly different from dominant film discourse? What has been the history of women filmmakers? How many of these women have indeed tried to speak a different language? 3 Cr.

WMS 464 Gender Roles and Social Change (A). *Cross-listed as SOC 464. Prerequisite: SOC 100, 101, 210, or 220.* Examines gender inequality in the U.S., and the relation of the economic, political, and social changes in gender roles. 3 Cr. *Spring.*

WMS 465 Sociology of the Aging (A). *Cross-listed as SOC 465. Prerequisite: SOC 100, 210, or 220.* Covers information and theories about the social aspects of aging, including health, income, family relationships, role change, and social policy. 3 Cr. *Spring.*

WMS 467 The Politics of Poverty (A). *Prerequisite: PLS 113, HST 212, ECN 111, ECN 202, or SOC 100. Cross-listed as PLS 467.* Who are the poor in America? Why are poverty levels highest among women? Why and in what ways do attitudes diverge toward poverty and the role of the public sector in alleviating it? Why is "welfare reform" continually on the public agenda? Examines these questions from an intergovernmental public policy perspective. Pays equal attention to their policy implications for women and men. 3 Cr.

WMS 470 Women and Popular Culture (A,J,W,D). *Cross-listed as ENL 470.* Explores women's popular culture to engender a cultural analysis. Considers questions such as how women's popular culture responds to women's psychosocial needs, and how it functions within the dominant culture. 3 Cr.

WMS 475 Women's Lives (A). *Cross-listed as SWO 475.* Examines women as clients, helpers, and policy makers in the context of social forces, values, attitudes, and norms. Covers theoretical, developmental, political, and social implications of women's changing roles. 3 Cr. *Spring.*

WMS 479 Victimology (A). *Prerequisite: Junior or senior status. Cross-listed as CRJ 479.* Develops an understanding of crime victimization, both direct and indirect. Focuses on street crime, social and political oppression, victimization of women, and victims of corporate deviance. Emphasizes theory and policy analysis. 3 Cr. *Spring.*

WMS 481 Women and Criminal Justice. (A). *Prerequisite: Junior or senior status. Cross-listed as CRJ 481.* Examines women's relationship with crime and the criminal justice system. Specifically provides a study of women and crime: victimization, occupational obstacles and opportunities; and develops an understanding of how social, political, and economic conditions affect these problems. 3 Cr. *Spring.*

WMS 495 Women, Gender, and Class (A).

Cross-listed as HST 495. Examines and analyzes European and U.S. women's experiences between the two world wars in terms of gender and class. Introduces theories of women's and gender history and of gender and class analysis. Seminar format; requires committed student participation. 3 Cr.

WMS 496 Sex and Censorship (A). *Prerequisite:*

ENL 112 or equivalent. Cross-listed as ENL 496. Considers the expression of sexual themes—and

their censorship—in contemporary literature, film, and media. Includes topics such as the erotic in art; definitions of pornography and obscenity; evolution of censorship standards and practices; the Hollywood Code; the U.S. Commission on Obscenity and Pornography (1970) and its critics; and recent feminist perspectives. 3 Cr. *Spring.*

WMS 499 Independent Study.

Arranged in consultation with the professor and in accordance with the regulations of the Office of Academic Advisement, prior to registration. 1–3 Cr.