

2000-01 Graduate Bulletin





GRADUATE
BULLETIN
2000-2001

ADELPHI UNIVERSITY GRADUATE BULLETIN, VOLUME 10, SEPTEMBER 2000

RECOGNITION

Adelphi University, chartered by the University of the State of New York in 1896, is accredited by the Middle States Association of Colleges and Secondary Schools. It holds membership in the College Entrance Examination Board and the Association of American Colleges and is recognized by the American Association of University Women. Qualified graduates of Adelphi may enter the leading graduate and professional schools without condition.

HEGIS CODE DESIGNATION

("HEGIS" stands for Higher Education General Information Survey.)

Federal and state regulations require that students be advised that enrollment in other than registered or otherwise approved programs may jeopardize their eligibility for certain student aid awards. All of the programs listed in this *Bulletin* with HEGIS codes have been registered and approved. Consult an academic counselor in the Office of Academic Attainment for current status.

The information in this *Graduate Bulletin* was prepared as of July 15, 2000. Provisions of this publication are not to be regarded as an irrevocable contract between the student and Adelphi University. The University reserves the right to make changes in its course offerings, degree requirements, regulations and procedures, and fees and expenses as educational and financial considerations require.

Adelphi University is committed to extending equal opportunity in employment and educational programs and activities and does not discriminate on the basis of race, color, religion, gender, sexual preference, age, national origin, disability, or status as a Vietnam-era veteran. The discrimination coordinator pursuant to Section 504 of the Rehabilitation Act of 1973 is Donald Flanders, Associate Vice President, Human Resources and Labor Relations, Room 203, Levermore Hall; (516) 877-3224. In addition, Mr. Flanders is the coordinator for Title IX and age discrimination enforcement.

About This Book

This Bulletin presents essential information about Adelphi University. At the beginning of this Bulletin we describe our educational philosophy and mission and touch on some of the highlights of University and student life. This introduction is followed by a description of our graduate academic programs and courses of instruction in the College of Arts and Sciences, School of Education, School of Business, School of Nursing, Gordon F. Derner Institute of Advanced Psychological Studies, School of Social Work, and the Center for Health and Human Services. We then include information about application procedures, tuition and fees, and University rules and regulations. Last, we list faculty, recent honorary degree recipients, the Board of Trustees, and officers of the University.

The *Bulletin* is a guide to the resources of the University and a summary of the exciting intellectual opportunities that the University provides students and members of the community.

The contents of this Bulletin are subject to change at the discretion of the University.

Useful Phone Numbers

Area code: 516

University Admissions	877-3050
Information Services	1-800-ADELPHI
Center for Career Development.....	877-6825
Student Affairs	877-3660
Student Financial Services	877-3080
Swirbul Library	877-3570
College of Arts and Sciences.....	877-4120
School of Education	877-4100
School of Business.....	877-4670
School of Nursing.....	877-4540
Gordon F. Derner Institute of Advanced Psychological Studies	877-4800
School of Social Work.....	877-4300
Huntington Center	(631) 547-0890
Manhattan Center	(212) 965-8340
University Operator.....	877-3000
(For additional numbers)	
World Wide Web	www.adelphi.edu

Address written correspondence to the appropriate office or department at Adelphi University, Garden City, New York 11530.

The courses listed in this *Bulletin* do not necessarily represent all the courses taught by each school or department. A complete list of course offerings with descriptions is available by request to the individual school or department.

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Academic Calendar 2000–2001

Fall 2000

Monday, August 28 – Tuesday, August 29
Registration

Monday, September 4
Labor Day (no classes)

Wednesday, September 6
Classes Begin

Friday, September 15
Late Registration Ends
Last Day to Add a Course

Friday, September 29
Holiday Observance (no classes after 3 pm)

Saturday, September 30
Holiday Observance (no classes)

Monday, October 2
Last Day to Drop a Course
Last Day to Change Grading Option

Monday, October 9
Holiday Observance (no classes)

Tuesday, October 10
Classes Resume

Wednesday, October 11
Monday make-up class for 10/9

Friday, October 20
Last Day to Accept Graduation Application
for May 2001 and have name appear in book.

Monday, October 30 – Wednesday, November 1
Midpoint of Semester

Friday, November 3
Last Day to Withdraw

Thursday, November 23 – Friday, November 24
Thanksgiving Recess

Monday, November 27
Classes Resume

Saturday, December 9
Friday 1/2 Day Make-up Class for 9/29

Saturday, December 16 – December 22
Final Exam Week

Friday, December 22
Last Day of Classes

Spring 2001

Wednesday, January 10 – Thursday, January 11
Registration

Monday, January 22
Classes Begin

Friday, February 2
Late Registration Ends
Last Day to Add a Course
Final Date for submission of Graduation
Application

Friday, February 16
Last Day to Drop a Course
Last Day to Change Grading Option

Monday, March 12 – Friday, March 16
Spring Break

Monday, March 19
Classes Resume

Friday, March 23
Last Day to Withdraw

Monday, April 9
Passover – no classes

Tuesday, April 10 – Friday, April 13
Snow Days – no classes

Sunday, April 15
Easter Sunday

Monday, April 16
Classes Resume

Monday, May 14 – Friday May 18
Final Exam Week

Friday, May 18
Last day of Classes

Sunday, May 20
Commencement

Summer 2001

First Session

Monday, April 2 – Friday, May 25
Registration

Monday, May 28
Memorial Day (no classes)

Tuesday, May 29
Classes Begin

Friday, June 1
Late Registration Ends
Last Day to Add a Course

Friday, June 8
Last Day to Drop a Course
Last Day to Change Grading Option

Friday, June 15
Application Deadline for August Graduation
Last Day to Withdraw

Monday, June 25 – Friday, June 29
Final Exam Week

Friday, June 29
Summer I Classes End

Second Session

Monday, April 2 – Friday, July 6
Registration

Wednesday, July 4
Independence Day (no classes)

Monday, July 9
Classes Begin

Friday, July 13
Late Registration Ends
Last Day to Add a Course

Friday, July 20
Last Day to Drop a Course
Last Day to Change Grading Option

Friday, July 27
Last Day to Withdraw

Monday, August 6 – Friday, August 10
Final Exam Week

Friday, August 10
Summer II Classes End

I

AN ADELPHI
EDUCATION

Adelphi University: Liberal Arts and Professional Education

Adelphi University provides graduate students with excellent practical preparation for professional and scholarly careers in business, the arts and sciences, education, nursing and health management, clinical psychology, and social work. Every profession, every human endeavor, is enhanced by the participation and leadership of people who know how to think critically and act thoughtfully. Adelphi graduate students prepare not only for advanced careers but also for full lives as citizens and working professionals.

With an ethnically diverse student body, recruited from 34 states and more than 43 foreign nations, Adelphi provides a cosmopolitan atmosphere conducive to intellectual questioning, surprise, and growth. That growth is also stimulated by the accessibility of nearby New York City, which in its cultural richness and social complexity provides a real-world laboratory for students' exploration of the modern world.

The pages that follow present in greater detail the many facets of graduate life and learning at Adelphi University.

A Brief History of Adelphi University

Now in its second century, Adelphi University, the first liberal arts institution of higher education on Long Island, was chartered on June 24, 1896, by the Board of Regents of the State of New York. The charter was one of the earliest granted by the Board of Regents to a coeducational college.

Over the course of the next hundred years, Adelphi grew and changed significantly. For more than three decades beginning in 1912,

Adelphi served only women. But in 1946, as young men returned from World War II hungry to restart their lives, the University returned to its original model of coeducation. Initially located in Brooklyn, with an enrollment of 57 students taught by 16 faculty members, Adelphi moved in 1929 to its present location in Garden City, New York. Here, on a much-expanded campus, a full- and part-time faculty of over 500 serves a student body of 6,000 undergraduate and graduate degree candidates in a variety of individual schools and institutes.

The University is home to a broad diversity of programs, each of which originated in different times and contexts. The School of Nursing had its roots in 1944, when, as part of the war effort, Eleanor Roosevelt inaugurated the first Cadet Nurse Corps School at Adelphi. After the war, the needs of returning servicemen and a rapidly expanding economy led to the establishment of other academic paths. The School of Social Work was founded in 1949; doctoral education began in 1950. The program in clinical psychology was formally organized in 1951. Known today as the Gordon F. Derner Institute of Advanced Psychological Studies, it has the distinction of being the first university-based graduate school in psychotherapy.

In 1963, after another decade of expansion, Adelphi was granted university status by the Board of Regents. By the 1970s, the original Garden City campus of three buildings had been extended to 21 buildings on 75 acres, including the Leon A. Swirbul Library, now a fully computerized collection of over 1.7 million volumes and microformat and audiovisual items. At the present time, the colleges and schools of the University include the College of Arts and Sciences, which also houses University College's ABLÉ program, Adelphi's undergraduate degree program for adults and the General Studies program, the School of Education, the School of Management and Business, the School of Nursing, the Derner Institute, and the School of Social Work. The Honors College is a bold experiment in preparation for highly talented

and motivated students. The Center for Health and Human Services, the newest at the University, was created to coordinate and encourage the development of interdisciplinary professional studies, supplementing offerings at the graduate level in all other academic schools and colleges. Uniting this panoply of liberal arts and professional programs is their shared tradition of academic innovation and rigor and their common philosophy of commitment to intellect.

While focusing its rich resources on the needs of students, Adelphi seeks to serve its locality, state, and nation. The University does so through the research and practice of its renowned faculty; the strengthening of ties between the professional schools and the community; the staging of distinguished cultural events in the University Center and the Olmsted Theatre; and, most essentially, the education of a new generation of future leaders and informed citizens, professionals, and community members.

Adelphi University honors its history of accomplishment by striving to live up to the ideals embodied in that history. Committed, as its founders were, to the humanizing power of liberal education, Adelphi University draws on its tradition of excellence and innovation to prepare Adelphi students for lives of thoughtful action, successful careers, service to the community, and rich intellectual accomplishment.

Colleges and Schools of the University

College of Arts and Sciences

The College of Arts and Sciences is proud of its distinguished tradition of commitment to liberal learning. The renewed emphasis of present-day educators on the liberal arts reflects the long-held belief that a liberal education best promotes intellectual development and ethical purpose while offering students the greatest number of opportunities, both in work and in

life. It is the College's aim to cultivate insight, effective expression, and the ability to discriminate by means of critical thinking and sound judgment. Instruction in the College proposes to foster a critical and seriously curious cast of mind, and the resourcefulness indispensable to self-realization and leadership. Study of the liberal arts and sciences at the graduate level at Adelphi is guided by more specialized education through major programs in the College's various departments.

Also housed in Arts and Sciences is University College's ABLE program, Adelphi's undergraduate degree program for adults, and the General Studies program. The mission of these programs is to make a university education possible for those who, for one reason or another, would not normally have access to a superior institution of higher learning.

School of Education

The School of Education is composed of Education Studies; Communication Sciences and Disorders; and Health Studies, Physical Education and Human Performance Sciences. Depending on the program, we prepare our students to teach in various K–12 school or clinical settings. Our students' professional preparation enhances their awareness of the foundations of schools, developmental stages of children, adolescents, youth, and adults and provides the skills, strategies, and techniques necessary to implement effective teaching/learning interactions in our complex multicultural society.

School of Business

The School of Business prepares leaders to meet the challenges of today's rapidly changing, business-oriented world. To this end, the School offers a comprehensive, relevant, professional education in business that is based on a solid foundation of liberal learning. It is the integration of liberal learning with professional education that provides business leaders with the breadth of knowledge and intellectual capacity

they need in order to conceive and implement sound business decisions in an imaginative, ethical, and responsible way. The School of Business, with the School of Nursing, now offers a joint degree program in which students earn an M.B.A. degree in Management and an M.S. in Nursing

School of Nursing

Nursing is a profession that draws from humanistic and scientific traditions for its knowledge and skill. The School is committed to excellence in teaching, practice, scholarship, research, and the development of critical thinking. The School educates and prepares graduates to become professional nurses who are accountable to patients, clients, society, and the profession. Together with the School of Business, the School of Nursing offers a joint degree program in which students earn a M.S. degree in Nursing and an M.B.A. in Management. The school is accredited by the National League for Nursing Accrediting Commission, 61 Broadway, New York, New York, 10006, (212) 363-5555.

Gordon F. Derner Institute of Advanced Psychological Studies

The Gordon F. Derner Institute of Advanced Psychological Studies is the first University-based professional school in psychology. The Institute offers a Ph.D. degree in clinical psychology as well as a respecialization program for those psychologists who wish to retrain in clinical psychology. The Institute also offers a Postdoctoral Certificate in Psychoanalysis and Psychotherapy; and a master's program in General Psychology.

The Institute operates the Psychological Services Center, which offers psychological assessment, counseling, and psychotherapy to all members of the University community.

School of Social Work

The School of Social Work prepares professional social workers for the human services.

This preparation is done within the context of a broad liberal arts education that emphasizes the importance of intellectual skills and an ethical vision. The curriculum enables graduates to live as informed citizens and to be educated, humane, and skillful professionals. The School of Social Work is accredited by the Council on Social Work Education.

Center for Health and Human Services

Drawing upon Adelphi's strengths in education, nursing, business, social work, clinical psychology, and premedical and pre-dental education, the Center prepares students for the rapidly evolving worlds of health, social welfare, education, and other related fields. Addressing the needs of both the academic and service sectors, the Center studies and promotes social, educational, psychological, health and health management issues. The primary focuses of the work of the Center is interdisciplinary study within those areas. The Center stimulates and supports research, scholarship, teaching, and training in health and human services, as well as community outreach, support systems, information dissemination, and social policy determination.

Extension Centers

In addition to the main Garden City campus, Adelphi has established extension centers in Manhattan and Huntington, Long Island.

The Manhattan Center

Adelphi University's Manhattan Center is located in SoHo, a historic district noted for its cast-iron architecture and home to artists, galleries, avant-garde dance companies and performance artists. The Center, a contemporary facili-

ty, encompasses more than 31,000 square feet of classrooms, conference rooms, student lounge areas, a research branch library, and an art gallery.

The Manhattan Center offers course work in a variety of convenient undergraduate and graduate programs for adult students. Undergraduate course work is offered in management and communications, liberal arts, and social work. Graduate course work is offered in education, business administration, and social work. The Center also offers a wide array of continuing education (non-credit) programs and has a Language Institute for English, which provides instruction to speakers of foreign languages who wish to learn or enhance their current knowledge of the English language.

The Huntington Center

Adelphi's Huntington Center is located near all major highways on 20 acres in rural Suffolk county. It is convenient to the Route 110 corridor, a major Long Island corporate and industrial center.

The Huntington Center offers graduate course work in business administration and in education. Undergraduate course work is offered in social work, and in the ABLE program for adults. Advisors and counselors are readily available to speed the admissions and registration process and to offer guidance in all academic programs.

Student Life at Adelphi

Adelphi University is committed to students' well being, growth, and success. To this end, a wide range of services, programs, and activities are available.

A broad range of co-curricular activities is offered in comfortable facilities to complement academic life. The Office of Cultural Life and the Student Activities Board bring many world renowned and fascinating speakers to our cam-

pus; recent speakers include world leaders such as former Soviet President Mikhail Gorbachev and former Israeli Prime Minister Shimon Peres; writers Norman Mailer, Jill Ker Conway, and Kurt Vonnegut; actresses Vanessa Redgrave, Rita Moreno, and Celeste Holm; journalists Pete Hamill and Robert MacNeil; poets Elizabeth Spire and Robert Hass; historian Arthur Schlesinger, Jr.; New York Yankee Manager Joe Torre; filmmaker Spike Lee; and former presidential advisor George Stephanopoulos.

Through the Office of Student Activities and Orientation, Adelphi sponsors a number of trips to New York City theaters, museums, and street festivals, and coordinates a variety of on-campus social events. Adelphi's department of performing arts also adds to campus life with dance, theater, and music productions in the Olmsted Theatre. Intercollegiate athletics, campus recreation, and intramural activities serve to enhance and enrich student life.

All of these activities—social, artistic, scholarly, athletic—are part of the spirit of learning that unifies course work at Adelphi and sustains a vibrant atmosphere on our campus. If you have suggestions for augmenting student life at Adelphi, or have other issues or concerns, please see the dean of student affairs in the University Center, room 106 (516) 877-3660.

The Ruth S. Harley University Center

The University Center, or "UC," is known as "the center of it all." Most major events taking place on campus happen here. The newest addition to the UC is the Cyber Café, which has iMac computers allowing students easy access to the Internet while dining on gourmet sandwiches, coffee, and ice cream. Also housed within the UC are the University bookstore, computer store, campus cafeteria, art gallery, an ATM machine, several student organization offices, meeting space, and an interfaith chapel.

On the main floor you will find the Information Desk, which provides a lost and found

service, postage, directions, and locker rental for commuter students. Any questions you may have can be answered here.

Across campus, Post Hall contains a dining facility featuring a pizzeria and a convenience store.

The University Libraries

The University Libraries are composed of Swirbul Library, the Science Library and the libraries at the Manhattan and Huntington Centers. The libraries offer facilities, resources, and services in support of the instructional, research, cultural, and student life programs of the University. They are dedicated to providing information and instruction as a central and integral part of the total educational experience of every student.

The libraries are committed to providing state-of-the-art information systems and services. These include both CD-ROM and INTERNET-based electronic information resources, full-text retrieval systems, and document delivery services. Members of the library faculty are available to provide instruction in the use of the libraries and their resources.

Swirbul Library serves as the main library, with particular strengths in the humanities, social sciences, and professional studies. Swirbul Library houses general reference services, circulation/reserve reading, periodicals, microforms, interlibrary loan and document delivery services, nonprint media services, a multimedia classroom, fine and performing arts, special collections, University archives, a curriculum materials center, two computer laboratories, and a language laboratory. Among the notable special collections are William Blake; William Cobbett; William Hone; Americana; Cuala Press; expatriate literature of the 1920s and 1930s; materials on the origin and development of the English novel; Spanish Civil War Papers; the Siegfried Muller Memorial Collection of Gerhart Hauptmann; and the Robert R. McMillan Collection of Political and Presidential Memorabilia including his Panama Canal papers. The Aimee Ornstein Memorial

Library represents an outstanding collection in the areas of banking, money management, and finance. The library is also a selective depository for official publications of the United States and New York State. The Adelphi Library Catalog Online (ALICAT) provides computerized access to the libraries' holdings.

The Science Library, located in the Science Building, contains collections in the areas of physics, chemistry, and biology. Collections are maintained in the libraries at both the Manhattan and Huntington Centers in support of the academic programs offered on those campuses.

Computing Center

The Buchanan Computing Center is located on the lower level of the School of Business. Adelphi's new "Information Commons" housed in the Swirbul Library contains over 100 computer systems for general access use. These computer systems feature the latest software and other course specific programming packages. The Center presently supports over 1,200 personal computers on campus: many of them in 15 academic computer labs located throughout the campus in specific departments. These include the Graphics Art lab containing high performance Macintosh computers and advanced graphics packages including QuarkXPress, Illustrator, and Photoshop, and a Biology Lab containing specialty software such as A.D.a.m. and Skeletal Anatomy. A high speed network backbone provides access to e-mail, the internet, and other computer applications on campus. The Computing Center provides remote access to the campus network through a Rascom server and Unix. This allows access to Unix software, the library catalog system (Alicat), and library CD-ROMs. Resident students may request a network connection in their dorm room to the Adelphi network, and all students are entitled to have e-mail accounts and complete Internet access. Faculty can obtain computer support or assistance on technology projects from the Faculty Development Center.

Center for Career Development

The Center for Career Development educates students in the skills they will use for a lifetime as they select, enter, change, or advance in a career.

Adelphi graduate students may come to the Center to research a library of timely information about careers and the job market; to review listings of current full-time, part-time, and seasonal employment opportunities and internships sorted into career fields; and to attend workshops in which students learn to develop a job search strategy, produce effective résumés and letters, and prepare and practice for interviews. Individual confidential career counseling is available by appointment and during walk-in hours.

The Center for Career Development coordinates the visits of employers to the Adelphi campus for job fairs and for individual employment interviews with graduating students. The Center provides a credential file service for students and alumni seeking positions in fields that require it.

The Center for Career Development, located in Post Hall, is open year round from 8:30 a.m. to 4:30 p.m., Monday through Friday, with extended hours on some Wednesdays. The Center accommodates all on-campus and off-campus students, including those with special needs. For the complete schedule of career events, call the Career Hotline at (516) 877-6825 or visit at www.adelphi.edu/career.

Academic Advising

Graduate students are assigned a member of the faculty whose area of expertise is consonant with the student's area of specialization to counsel on matters of academic performance, progress, and professional aspirations, and in course selection for the coming semester and year. Faculty advisors post office hours of availability. It is the student's responsibility to contact the faculty advisor to arrange advising appointments at scheduled office hours or at other times.

Residential Life and Housing

On-campus housing is available to graduate students. The Office of Residential Life and

Housing is located in Earle Hall 100, (516) 877-3650, or visit at www.adelphi.edu.

Commuter Student Affairs

The Office of Commuter Student Affairs provides services and programs for students who commute to the University. The Office helps each commuter explore and take full advantage of the many University-sponsored cocurricular and extracurricular program offerings. Key services provided include a message center, a ride board, public transportation schedules, maps, and emergency road service referral. The office also maintains listings of apartments and rooms near the University. The office is located in University Center 109, (516) 877-6667.

International Student Services

Adelphi University has a strong commitment to international education and welcomes students from all over the world. The Office of International Student Services, which is located in the University Center, assists international students in meeting legal requirements for entry into the United States and in maintaining legal status while pursuing full-time study at the University. The Office provides advice regarding the requirements of the Immigration and Naturalization Service, Internal Revenue Service, Department of State, Social Security Administration, and a wide variety of concerns such as culture customs and educational systems.

In addition, the Office of International Student Services and the International Student Society can help all international students meet the academic, social, and personal challenges before them: registering for classes, making new friends, finding a suitable place to live, learning the procedures and policies of the University, and developing an understanding of American culture through workshops, special events and individual counseling.

The Office is located in room 106 of the University Center (516) 877-4990 or (516) 877-3661.

Office of Disability Support Services

The Office provides cost-free assistance to Adelphi students with documented physical, learning, or psychological disabilities to ensure equal access to the University's programs. Such assistance may include academic assistance (note takers, readers, interpreters, etc.), special testing arrangements, classroom and parking accessibility, and other services as necessary. The Center is located in University Center 310 and is open Monday through Friday, from 8:30 a.m. to 5:00 p.m. The coordinator may be reached at (516) 877-3145. For more information, please see "Academic Assistance for Students with Disabilities" in the *Rules and Regulations* section of this *Bulletin*.

ELS Language Center

Before enrolling in regular credit-granting graduate courses, international students may study English in the ELS program. Monthly starting dates for English-language training have been arranged for the convenience of international students. The ELS office is located in Linen Hall. For admission information contact ELS at (516) 877-3910.

The Interfaith Center

Religious life and practice is a matter of choice at Adelphi. As a private, nonsectarian university, Adelphi does not promulgate any particular religious belief. The Interfaith Center provides a campus ministry to suit individual needs through spiritual guidance, counseling, educational programs, social events, and opportunities for worship. Participation is voluntary and all are welcome. Students are served by representatives of the Catholic, Protestant, and Jewish faiths.

The Interfaith Center fosters an ecumenical and interfaith presence on campus and introduces interested members of the University community to houses of worship in the area. On the third floor of the University Center they maintain the Interfaith Chapel, the Interfaith

Library, and Offices of the Jewish, Catholic, and Protestant Chaplains.

Student Counseling Center

A student often faces many stresses and pressures. The Student Counseling Center (University Center, Room 310, (516) 877-3646) is here to help. We offer a variety of services, including individual and group therapy, consultation and assessment, crisis intervention, and referrals to both on-campus and off-campus resources. Our monthly wellness workshop series offers a forum to discuss a variety of issues that impact a student's life. The Student Counseling Center also offers education and confidential counseling to students regarding drug and alcohol abuse issues.

A significant on-campus resource is The Center for Psychological Services, which offers psychotherapy and psychological testing to students, staff, and the surrounding community. It is housed in the Hy Weinberg Building and is part of the Derner Institute for Advanced Psychological Studies. Professional and confidential services are provided at no fee to members of the Adelphi community, (516) 877-4820.

Health Services Center

The Health Services Center provides high quality health care and health education to the University community. Registered Nurses are available 24 hours a day, seven days a week, during the semester; during semester breaks and throughout the summer, Registered Nurses are available during daytime hours Monday through Friday. Appointments with the University physicians are made through the Health Services Center. The Health Services Center is located in Waldo Hall, (516) 877-6000.

Multicultural Affairs

The Office of Multicultural Affairs, in cooperation with other offices and programs, strives to create an environment that encourages students from diverse racial and ethnic backgrounds to participate actively in campus life by assisting the University in developing special recruitment, retention, and educational strategies. This office also sponsors workshops that allow students to discuss their differences in a safe and comfortable setting.

The Office of Multicultural Affairs provides leadership training and administrative support to all multicultural organizations. The office also provides specialized mentoring services and supplementary advice to students of color during their studies at the University. Its open-door policy provides confidential and ready access for students who are experiencing difficulties for whatever reason or need assistance adjusting to college.

The Multicultural Advisory Committee is comprised of administrators, faculty, and staff members who develop innovative ways to allow all students to learn and respect diversity. The Committee also assists in solving problems that are initiated by an individual or group.

The Office is located in the University Center, Room 106, (516) 877-3661.

Childcare Services

Adelphi's Child Activity Center provides daytime childcare services, Monday through Friday, at Garden City and Huntington to children, ages 3 years through kindergarten, while students attend classes. The teachers are state-certified, and are highly knowledgeable and responsive to early childhood development. (*Fee required.*)

In addition, the Center is a site for field experiences that are part of academic programs in all professional schools.

Graduate Curriculum and Table of Graduate Degrees

The curricula, or courses of study, of the graduate programs are set forth in later sections devoted to the individual schools: the College of Arts and Sciences, School of Education, School of Business, School of Nursing, School of Social Work, and the Gordon F. Derner Institute of Advanced Psychological Studies.

The University awards the following graduate degrees to students who fulfill all degree requirements. Students are advised that enrollment in other than registered or otherwise approved programs may jeopardize their eligibility for certain student aid awards.

Doctor of Philosophy (Ph.D.)

Psychology:

Clinical (HEGIS: 2003)*

Doctor of Arts (D.A.)

Communicative Disorders (HEGIS: 1220)

Mathematics (HEGIS: 1701)

Doctor of Social Welfare (D.S.W.)

(HEGIS: 2104)

Master of Arts (M.A.)

Art (HEGIS: 1002)

Art "K-12" Teacher (HEGIS: 0831)

Biology "7-12" (HEGIS: 0401.01)

Chemistry "7-12" (HEGIS: 1905.01)

Community Health Education (HEGIS: 0837)

Early Childhood and Elementary Education (HEGIS: 0802)

Elementary Teachers, N-6 (HEGIS: 0802)

English (HEGIS: 1501)

English "7-12" (HEGIS: 1501.01)

Health Teacher "K-12" (HEGIS: 0837)

History (HEGIS: 2205)

Mathematics "7-12" (HEGIS: 1701.01)

Physical Education Teacher "K-12"

(HEGIS: 0835)

Physics “7–12” (HEGIS: 1902.01)
 Psychology (HEGIS: 2001)
 Social Studies “7–12” (HEGIS: 2201.01)
 Spanish “7–12” (HEGIS: 1105.01)
 Teaching English to Speakers of Other
 Languages (TESOL) (HEGIS: 1508)

Master of Science (M.S.)

Accounting (HEGIS: 0502)
 Adult Health Nursing (HEGIS: 1203.10)
 Nursing/Adult Health Nursing (Dual,
 B.S./M.S.) (HEGIS: 1203.10/1210)
 Bilingual Education (HEGIS: 0899)
 Biochemistry (HEGIS: 0414)
 Biology (HEGIS: 0401)
 Business (HEGIS: 0506.10)/Nursing
 (HEGIS: 1203.10)
 Joint M.B.A./M.S.
 Communication Disorders (HEGIS: 1220)
 Deaf Studies (HEGIS: 0812)
 Early Childhood Special Education
 (HEGIS: 0823)
 Early Childhood Special Education and
 Elementary Education (HEGIS: 0808)
 Environmental Studies (HEGIS: 0420)
 Finance and Banking (HEGIS: 0504)
 Mathematics Teacher Program
 (HEGIS: 1701.01)
 Nursing (HEGIS: 1203.10/1210)
 Nursing (HEGIS: 1203.10)/Business
 (HEGIS: 0506.10)
 Joint M.S./M.B.A.
 Nursing Service Administration
 (HEGIS: 1203.10)
 Nursing/Nursing Service Administration
 (Dual, B.S./M.S.)
 Physics (HEGIS: 1902)
 Special Education for School Age Learners
 (HEGIS:0808)
 Reading Teacher (HEGIS: 0830)
 Special Education for School Age Learners
 and Elementary Education (HEGIS: 0808)
 Teachers of Speech and Hearing Handicapped
 (HEGIS: 0815)

**Master of Business Administration
 (M.B.A.)**

Accounting (HEGIS: 0502)
 Management (HEGIS: 0506)
 Business/Nursing
 Joint M.B.A./M.S.

Master of Social Work (M.S.W.)

(HEGIS: 2104)
 Post-Master’s Certificate Program in Clinical
 Practice
 Bilingual School Social Work Certificate

*The University also awards the following post-
 master’s advanced certificates, registered with the
 State of New York, to students who have fulfilled
 the respective advanced certificate requirements:*

Advanced Certificates

Adult Nurse Practitioner (HEGIS: 1203.10)
 Addiction Specialist
 Advanced Coaching (HEGIS: 0835)
 Aging (HEGIS: 2299.10)
 Banking (HEGIS: 0504)
 Coaching (HEGIS: 0835)
 Community Health Education (HEGIS: 0837)
 Educational Assessment (HEGIS: 0825)
 Environmental Management/Policy
 (HEGIS: 0420)
 Global Studies (HEGIS: 2210)
 Human Resource Management
 (HEGIS: 0515)
 Management (HEGIS: 0506)
 Managers of Volunteer Services
 (HEGIS: 2199)
 Nursing Service Administration
 (HEGIS: 1203.10)
 Program in English Language Teaching
 (HEGIS: 1508)
 Physics (HEGIS: 1902)
 Reading Teacher (HEGIS: 0830)
 Special Education (HEGIS: 0808)
 Whole Language (HEGIS: 0830)

**Postdoctoral Certificates Awarded
by the Gordon F. Derner Institute
of Advanced Psychological Studies**
Respecialization in Clinical Psychology
Psychotherapy: Childhood and Adolescence
Psychotherapy and Psychoanalysis

* “HEGIS” stands for Higher Education
General Information Survey.

II

COLLEGE OF
ARTS AND SCIENCES

Arts and Sciences

Science Building 127

Gayle Dranch Insler, *Dean*
 Charles Shopsis, *Associate Dean*
 Ruth McShane, *Assistant Dean*

Philosophy of the College

Long before Adelphi was a University composed of many distinct schools, it was Adelphi College, founded in 1896 and distinguished by its progressive commitment to liberal undergraduate learning. Today the chief heir and champion of that commitment is the College of Arts and Sciences. The Graduate School of Arts and Sciences is a division of the College.

On the occasion of the first Commencement of Adelphi College, William C. Wallace, a graduate of Adelphi Academy, the preparatory school that was the College's predecessor, commented on the College motto: *Vita sine litteris mors est*. His remarks could equally illuminate the philosophy of today's College of Arts and Sciences. "Surely," he said, "life without learning, without knowledge, is death. Without faithful knowledge of the past, without a living knowledge of the present, without an intelligent hope for the future, wherein would we differ from the meanest thing that lives, moves, and has a being? Without ability to learn the great physical, intellectual, and spiritual truths we are indeed dead."

Mindful of the cultural inheritance of the past, the College encompasses those realms of inquiry that have characterized the modern pursuit of knowledge.

Knowledge of what others have accomplished is part of what makes a person educated, but only part. What matters more is the transformation of the learner's mind: the development of those qualities of intellect and independence essential to practical success in the modern world and a full productive life.

The faculty of the College place a high priority on their students' intellectual development in and out of the classroom, and structure programs and opportunities to foster that growth. Learning at the graduate level will necessarily challenge a student to study and analyze original research or other creative work, develop first-hand facility with creative or research methodologies, undertake collaborative work with peers and mentors, engage in serious internships, and hone communicative skills.

Aware of the expanding number of mature students seeking graduate study, the University schedules graduate programs to be as convenient for the part-time student as possible.

We invite you to explore the graduate study options available in the College of Arts and Sciences. Each department's programs provide excellent preparation for further study or careers in a particular field. Just as important, as William C. Wallace suggested, they contribute to a life worth living.

Programs of Study, 2000–2001

Department/ Program	Degree
Art and Art History	
Studio Art	Master of Arts
Art "K–12" Teacher*	Master of Arts
Biology	
Biology	Master of Science
Biology "7–12"*	Master of Arts
English	
English "7–12"*	Master of Arts
Environmental Studies	
Environmental Studies	Master of Science
Mathematics and Computer Science	
Mathematics "7–12"*	Master of Arts
Physics	
Physics "7–12"*	Master of Arts
Social Studies	
Social Studies "7–12"*	Master of Arts
Spanish	
Spanish "7–12"*	Master of Arts

* See also *School of Education*.

Graduate courses are also offered in anthropology, earth science, English, history, languages and international studies, mathematics and computer science, philosophy, and physics. Please consult the course offerings for descriptions of these courses.

Admission Requirements

Also see the section in this Bulletin titled "Admissions."

Application for Admission

Applicants to graduate programs may enter in January and September, and also in summer session.

Requirements for Advanced Degrees

Curricular and Other Academic Requirements

Students are responsible for observing all requirements and regulations that pertain to the degree they are seeking. Students should, therefore, familiarize themselves thoroughly with the requirements and policies outlined in this Bulletin, as well as the supplemental requirements and policies of the departments in which they are studying. Any exceptions to these policies must be approved by the department and by the dean of the College of Arts and Sciences in writing and filed in the Graduate Office in Science 127. The student is advised not to depend upon oral agreements if exceptions are to be made.

Credit for Graduate Study at Other Institutions

In no case will a master's degree earned in the College of Arts and Sciences be awarded unless the student has satisfactorily completed a minimum of 24 credits of approved graduate

study at Adelphi University; most degree programs require more than 24 credits earned at Adelphi. Once having been admitted to graduate study in the College and undertaken a program of study, students may take courses and transfer credits with a grade of A or B from another university only if authorized to do so by the department and the dean of the College prior to registering for graduate study in the other university. A maximum of 6 graduate credits taken in other approved graduate institutions may be applied toward meeting the requirements of the master's degree. Any application of transfer credit toward an advanced graduate degree must have the express approval of the department concerned and the dean.

Candidacy for a Second Master's Degree

Students who have been awarded a master's degree in one field may be allowed to continue advanced study for another master's degree, provided that it is in a separate, independent discipline. In so doing, they must apply and meet the admissions requirements of the chosen graduate program.

A maximum of 6 graduate credits earned by the student in completing the requirements of the first master's degree may be applied toward the second master's degree. Such application of credit must, however, be designated for specific courses and be approved by the candidate's advisor and the Dean. Also, the courses for which such transfer of credit is granted must have been taken within five years of the completion of the second master's degree. At a minimum, the equivalent of a full year of additional graduate study must be successfully completed to qualify for the award of an additional master's degree.

Admission of Auditors

The admission of auditors to graduate courses is possible only in exceptional cases. Students seeking admission as auditors must meet admis-

sion requirements and complete registration (including full payment of tuition and other fees) in the same way as the candidates for admission to graduate standing.

Students admitted as auditors may request a change in their status, allowing them to earn credit for courses, provided that the request is approved by the instructor and submitted to the dean no later than the fifth meeting of the course.

Academic Advisement and Thesis Research— Master's Degrees

Candidates for the Master's Degree

Upon beginning study for the master's degree, students will be assigned an academic advisor. The advisor will approve the student's program of studies and advise with regard to degree requirements and academic policies and regulations.

In programs where a thesis is required students must be sponsored by a member of the graduate faculty of their department. The sponsor assists the candidate in the planning of the thesis research and the writing of the final report. Specific procedures for the review of thesis proposals vary with departments and should be clarified by the candidate with the sponsor in advance.

After having written the thesis, the candidate will be examined on the thesis. The examination committee will consist of the thesis sponsor and at least two additional members of the faculty, one of whom is preferably from outside the student's department. The sponsor arranges for the examination with the approval of the departmental chair and reports the results.

The original copy of the thesis, certified on proper forms as approved in format and content, must be deposited in the Office of Graduate Studies, College of Arts and Sciences, in accordance with the deadlines established by the College. Upon deposit of the thesis, the candidate must arrange for its microfilming and publication.

For further instructions and information on the master's thesis or dissertation requirements, see *Publishing Your Thesis and Dissertation*. Copies are available in Science 127.

Foreign Language Requirement

Although proficiency in a foreign language is not required for current Arts and Sciences degrees, reading proficiency in a language other than English is strongly recommended for those intending to pursue the Ph.D.

Foreign language examinations are held during the early part of November and April every year. The student must request a departmental chair no later than October 1 or March 1 to make arrangements with the foreign language department concerning examinations. Examinations will consist of the translation into English of foreign language texts of journal articles in the student's major field. No special makeup examinations will be available for a failing candidate; however, candidates may repeat the examinations as regularly scheduled.

The foreign language proficiencies may also be met by presenting satisfactory scores on the graduate language examinations of the Educational Testing Service, Princeton, New Jersey 08540.

Students wishing to enroll in any of the undergraduate courses in foreign languages offered by the University should consult the *Undergraduate Bulletin*.

Special examinations in computer language and programming must be arranged through the departmental chair with the director of the Computing Center.

Numbering of Courses

Hyphenated courses (e.g., CHE 631–632) are year-long courses. Credits earned for the first half of a year-long course may be applied toward fulfillment of degree requirements only upon satisfactory completion of the second half of the course.

Comma courses (e.g., BIO 611, 612) are courses that extend over two semesters. Degree credit will be granted, however, for satisfactory completion of only one semester's work in such courses.

Schedule

Most graduate courses are scheduled for late afternoon and evening hours in order to permit part-time (maximum of 6 credits) students to earn an advanced degree while employed or engaged in supervised work in their field.

Grading Policies

The grade of C is substandard for graduate study. Credits earned with a grade of C will not normally be accepted as applicable toward fulfilling degree requirements and may serve as grounds for dismissal from candidacy. Exceptions may be made when, in the judgment of the faculty, the student's performance in certain other course work or areas of the program has been sufficiently outstanding to offset the work of C quality. The student is held responsible for ascertaining and fulfilling the policy of the department with respect to the acceptability of credits earned with a final grade of C.

The grade of P (passing or satisfactory) is used primarily for field work, clinical practice, student teaching, or individual study. In such courses, use of the Pass/Fail option is at the discretion of the instructor. In other types of courses a Pass/Fail option can be employed only under exceptional circumstances. Permission must be granted by the course instructor, the student's major department, the department offering the course, and the dean.

A student earning a grade of F is subject to termination of degree candidacy and dismissal from further graduate study.

Students enrolled in thesis or dissertation research and selected other courses may receive a report of IP (in progress) if they are making satisfactory progress. The grade of IP will carry through the term of its contract, after which it will become an I. The use of IP is left to the discretion of the department. A final grade and credits will be assigned upon acceptance of the thesis or dissertation by the student's advisory committee or upon completion of requirements in the course for which the IP was originally reported.

Independent Study

Permission for Independent Study forms are available from the Office of the Dean of the College. Students should consult with their academic advisor about the regulations governing independent study.

Waiver of Academic Regulations

Requests for waiver of any academic regulation must be made in writing to the Dean of the College. Waiver requests should fully explain the reasons for the petition and include all pertinent documentation. Waiver requests will be considered by the Dean's Office and the Academic Standards Committee of the College.

Art and Art History

Blodgett Hall 302

Harry Davies, *Chair*
E-mail: davies@adlibv.adelphi.edu

<i>Professors</i>	<i>Art Director, Graphic Design Studio</i>
Harry Davies	Dale Flashner
Yvonne Korshak	
Richard Vaux	
<i>Associate Professor</i>	<i>Assistant Professor</i>
Thomas McAnulty	Geoffrey Grogan
	<i>Visiting Professor</i>
	Jacob Wisse

The study of art is the study of making. To make is to create, to interpret, and, finally, to understand one's own vision of the world. To study art and the history of art is to study the very essence of the self and of civilization.

The Department of Art and Art History offers a program of study that leads to the Master of Arts degree in studio art. For admission as a degree candidate, an applicant must have earned a baccalaureate degree from an accredited four-year college and have developed a portfolio of art work in a representative range of media. This work must have been done within the last five years. Slides may be used for the portfolio.

Candidates judged to be marginal for admission to the program on the basis of their undergraduate record or portfolio may be admitted as provisional students and allowed to demonstrate their competence or to make up deficiencies. In the latter case the student will be required to complete course work beyond that normally required for the degree. Provisionally admitted students should request an evaluation of academic standing upon completion of 12 credits at Adelphi. Reclassification as a degree candidate would normally take place at this time. Com-

pletion of degree requirements may be undertaken on a part-time basis. This degree can also be earned by attending just summers. Information on this option may be obtained from the department.

The art department also contributes course work to a Master of Arts "K-12" degree for those seeking a graduate degree and New York State certification for teaching on the primary and secondary level. Students who successfully complete the program will graduate with a Master of Arts degree from the School of Education. For further information contact the School of Education.

Course Requirements

Course requirements for the Master of Arts in studio art total 36 credits. Ordinarily, students will concentrate in a primary area of studio work (up to 15 credits) supplemented by one or more secondary areas of studio concentration. In designing a program of study, students consult with the departmental chair or a graduate faculty advisor.

Requirements for the M.A. in Studio Art

Program Outline

Studio Courses

Students select 36 credits from two or more studio areas in this group. All students must devote nine hours per week to a 3-credit studio course, of which three hours involve instruction and six hours call for individual studio work under supervision.*

ART 709, 710	Printmaking
ART 711, 712	Sculpture
ART 713, 714	Painting
ART 723, 724	Ceramics
ART 761, 762	Photography

* A substitution of up to 12 credits in art history or craft workshops may be made for an equivalent number of credits from the above studios.

Advanced Studios

- ART 769, 770 Printmaking
(Prerequisites: ART 709, 710)
- ART 771, 772 Painting
(Prerequisites: ART 713, 714)
- ART 773, 774 Sculpture
(Prerequisites: ART 711, 712)
- ART 775, 776 Ceramics
(Prerequisites: ART 723, 724)

Required Course

- ART 793 Major Creative Project
(one-person show)

Biology

Science Building 103

James Dooley, *Chair*

E-mail: dooley@adlibv.adelphi.edu

George K. Russell, *Director of Graduate Studies*

E-mail: russell@adlibv.adelphi.edu

Professors

A. Coolidge Churchill

Deborah F. Cooperstein

Carol Diakow

James K. Dooley

Gayle D. Insler

Richard Lund

George K. Russell

Associate Professor

R. David Jones

Assistant Professors

Lawrence Hobbie

Benjamin Weeks

Master of Science in Biology

Preparation for the Health Professions, Teaching, and Scientific Research

Adelphi's graduate biology program prepares students for doctoral study and entrance into professional schools of medicine, dentistry, and veterinary medicine. The program also qualifies future educators for certification and expands the knowledge base of experienced teachers. Other graduates acquire the tools and skills necessary for successful careers in research, public health, and environmental law.

At Adelphi, students gain a broad foundation in biology, practical experience, and the fundamental skills of scientific research. Laboratory courses emphasize contemporary scientific techniques and integrate technology into the learning experience.

Departmental laboratory facilities include modern equipment for molecular biology, cell and tissue culture, scanning and transmission electron microscopy.

Students use these facilities for graduate research in cellular and molecular biology, immunology, genetics, evolution, and ecology.

Internships are available at local biotechnology companies, research facilities, and hospital research laboratories.

Faculty members work closely with students as mentors, ensuring a personal academic experience and career guidance. Over four decades Adelphi's biology department has awarded hundreds of graduate degrees to students and achieves consistently high success rates for students entering professional programs.

Premedical Preparation

A master's degree in biology provides the foundation for professional programs and careers as doctors, dentists, veterinarians, optometrists, podiatrists, and chiropractors. Careful planning is essential as you continue your education and prepare for your future career. Adelphi advisors assist students in course selection, reviewing admission requirements for professional schools, and career planning. For more information on Premedical Preparation, contact the Office of the Premedical Advisor at (516) 877-4140.

Master of Arts in Biology "K-12"

Students seeking a graduate degree and New York State teaching certification for secondary level teaching can complete required course work for a Master of Arts "7-12" degree through Adelphi's graduate biology program in conjunction with the School of Education. Students who successfully complete the program are awarded a Master of Arts from the School of Education. For further information, contact Dr. James Dooley, Chair of the Biology Department, or the program director of the Master of Arts degree in secondary education fields in the School of Education.

Courses numbered 600 and above are offered in late afternoon or evening hours; it is possible

to fulfill degree requirements on the basis of either full- or part-time study.

Admission

For admission to the graduate program, students must (1) hold a bachelor's degree in biology or allied fields, or its equivalent, and (2) show promise of successful achievement in the field. The Graduate Record Examination is not required for admission. All admitted students enter the biology department as (1) regularly matriculated students or (2) nondegree (special) students. Applicants should contact the director of departmental graduate studies.

Requirements for the M.S. in Biology

A. Research Thesis Option (33 credits)

1. Three of the following core courses: BIO 614, 615, 640, 650, 674.
2. Two laboratory courses.
3. Elective credits:
Electives may be at the 500, 600, or 700 level. Only two courses may be chosen at the 500 level without specific approval following petition to the Director of Departmental Graduate Studies. With approval of the supervisory committee, up to 12 credits may be selected from graduate offerings in other departments.
4. An average of at least B is necessary for graduation. In general, a degree will not be awarded to any student who receives 3 credits of F or 6 credits of C.
5. BIO 798 and 799 (Thesis Research, based on laboratory or field studies.)

B. Nonthesis Option (Scholarly Paper)

(36 credits)

1–4 as above plus BIO 796 (Scholarly Paper, a literature review, and critique of a specific field of study in biology.)

NOTE: Students must acquaint themselves with the current copy of the Biology "Guide for Graduate Students." Copies may be obtained in the Biology Department Office. Requirements for the M.S. in biology are currently under revision.

Biology Web Address

<http://www.adelphi.edu/study/artscilbio>

English

Harvey Hall 201

Craig F. Ash, *Chair*

E-mail: ash2@adlibv.adelphi.edu

Professors

Thomas F. Heffernan

Stephen Klass

Beverly Lawn

Igor Webb

Susan Weisser

Assistant Professors

Craig F. Ash

Ruth Sternglantz

Associate Professors

Judith Baumel

Eugene Roth

The Department of English offers courses in English and American literature.

The English department also contributes course work to a Master of Arts “7–12” degree for those seeking a graduate degree and New York State certification for teaching on the secondary level. Students who successfully complete the program will graduate with a Master of Arts from the School of Education. For further information see the chair of the department and the program director of the Master of Arts degree in secondary education fields in the School of Education.

Please consult the course offerings for descriptions of these courses.

Environmental Studies

Science Building 103

Web site: <http://www.adelphi.edu/~aeac>

Richard Lund, *Director*

e-mail: lund@panther.adelphi.edu

Professors

Henry F. Ahner, Physics

A. Coolidge Churchill, Biology

John Dooher, Physics

Anthony Cok, Environmental Studies

James Dooley, Biology

Martin H. Garrell, Physics

Richard Lunch, Biology

Sung Moon, Chemistry

Gottipaty Rao, Physics

Associate Professors

Anagnosti Agelarakis, Anthropology

Regina Axelrod, Political Science

Laraine Fletcher, Anthropology

David Gleicher, Economics

Charles Shopsis, Chemistry

Lawrence Sullivan, Political Science

Assistant Professors

Mariano Torras, Economics

John Vetter, Anthropology

Benjamin Weeks, Biology

Master of Science in Environmental Studies

Environmental Studies is an interdisciplinary field of knowledge that encompasses aspects of scientific, political, social, and economic disciplines. A working knowledge of these fields is necessary for the analysis, remediation and protection of a multitude of environmental problems on local, national, or global scales. The

Environmental Studies program permits students to become conversant with the breadth of environmental problems and possible solutions while achieving a strong, experience-based concentration in one of the specific disciplines within the field. There are three curricular options open to the student who wishes to pursue the Master's of Science degree in Environmental Studies. A student can elect a concentration in **Environmental Risk Assessment** or in **The Global Environment**; or the student can elect a more integrative approach to the subject drawing on aspects of the two concentrations, **Environmental Education**.

The Master of Science in environmental studies prepares students for careers or further study in many industrial, regulatory, political, economic, and educational agencies. The grade program is comprised of 36 credits of course work, incorporating classroom, laboratory, field opportunities, and an optional thesis or internship. An optional culmination in a thesis provides additional flexibility for the student with more specific career or educational goals. Full time students can anticipate three semesters of 12 credits each. Field classes, internships, and research are also offered during the summer months. The requirements for a student's admission to the Masters program are a bachelor's degree in environmental studies or a related field and demonstrated promise of successful achievement in the field. Courses required for entry include basic microeconomics, political science, one year of introductory biology, statistics and calculus, and either chemistry through quantitative analysis or organic chemistry, or a year of physics for science majors. Computer literacy is also required. Work experience in related environmental fields will be considered with regard to the above requirements. Graduate Record Examination scores in the verbal and quantitative tests are required for purposes of student evaluation and guidance.

Mathematics and Computer Science

Alumnae Hall 111

William Quirin, *Chair*
E-mail: quirin@adlibv.adelphi.edu

Professors
David Lubell
Walter Meyer
William Quirin

Associate Professors
Stephen Bloch
Robert Emmett Bradley
Yuly Brodsky
Robert M. Siegfried

Mathematics is the systematic study of structure, process, and relation. The quintessence of rational thinking, it is a discipline in its own right, while also providing the analytical tools and much of the language of the sciences. New developments in mathematics engendered by the computer revolution have informed the associated field of computer science, where structure, process, and relation reappear as system, algorithm, and interface. The concerns of computer science are not only mathematical and electronic, but also philosophical, linguistic, and psychological.

The mathematics department contributes course work toward a Master of Arts “7–12” degree for those seeking a graduate degree and New York State certification for teaching on the secondary level. Students who successfully complete the program will graduate with a Master of Arts from the School of Education. For further information see the chair of the department and the program director of the Master of Arts degree in secondary education fields in the School of Education.

Please consult the course offerings for descriptions of these courses.

Physics

Blodgett Hall, Lower Level

John P. Dooher, *Chair*
E-mail: dooher@adlibv.adelphi.edu

Professors

Henry F. Ahner
John P. Dooher
Martin H. Garrell
Eugene Hecht
Gottipaty N. Rao

Physics is the study of energy and matter and their interactions. Historically, it has been characterized by the search for simple, unified explanations of phenomena. Its theories, supported by experimental research and expressed in precise, elegant mathematics, yield insight into the nature of the universe.

The physics department contributes course work to a Master of Arts “7–12” degree for those seeking a graduate degree for teaching on the secondary level. Students who successfully complete the program will graduate with a Master of Arts from the School of Education. For further information contact the chair of the department and the program director of the Master of Arts Degree in secondary education in the School of Education.

Please consult the course offerings for descriptions of these courses.

COURSES OF INSTRUCTION

COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY

ANT 514 Language and Culture *3 credits*
A survey of language, its meaning and its relationship to culture. Language as a type of communicational behavior within a sociolinguistic context is emphasized. Examples are drawn from the verbal and nonverbal models found in art, music, and social organization.

ANT 635 Cultural Anthropology *3 credits*
Major concepts, theories, and methods of cultural anthropology. Customs, values, and social institutions from tribal cultures, worldwide. Fundamental course for graduate students without prior background in this field.

ANT 790 Independent Study *3 credits*
Reading and research on selected aspects of anthropology. Individual conferences are arranged with the advisor.

ART AND ART HISTORY

ART 638 Calligraphy *3 credits*
This course will introduce you to the wonders of the broad-edge pen. The first week, you will study in-depth the elegant style of writing known as "chancery cursive," commonly called "italic." You will engage in lots of "hands on" practice and receive many exemplars along with daily personal attention from the instructor. The second week, you will put your skills to work developing projects for the words that speak to your heart; e.g., a personal greeting card, a simple manuscript book, a broadside. The study of calligraphy will open your eyes and teach you how to see.

ART 647 Art of Classical Antiquity *3 credits*
Art and archaeology of ancient Greece, with emphasis on the achievements in sculpture and architecture of the high classical period. Relationships among mythology, history, and art in antiquity.

ART 709, 710 Printmaking Studio *3 credits each*
Advanced theories, color methods, and their applications and effects on the various print media—etching, aquatint, mezzotint, wood, linocut, and drypoint.

ART 711, 712 Sculpture Studio *3 credits each*
Intensive technical study in the methods and techniques of modeling, carving, lost-wax methods, and constructions, using many different media.

ART 713, 714 Painting Studio *3 credits each*
Various interpretations of a wide choice of subjects and media providing a natural kind of process whereby individuals can build on their own resources through intelligence, feeling, and observation.

ART 723, 724 Ceramics Studio *3 credits each*
Throwing and hand building techniques in stoneware and porcelain; sculptural pottery. Instruction in glazing and firing techniques.

ART 761, 762 Photography *3 credits each*
An intensive review of photography and darkroom techniques. Lecture demonstrations acquaint the student with the camera and techniques essential to successful picture taking with print making. With this foundation students explore their design concepts and composition in expressing photographic imagery.

ART 765 Color, Media, and Materials *3 credits*
Advanced experimental studies of the major media concentrating on the functions of color, textures, binders, etc., basic to creative and practical applications of various pigments.

ART 769, 770 Printmaking Studio *3 credits each*
Prerequisites: ART 709 and 710.
Individually selected problems in developing printmaking skills and techniques.

ART 771, 772 Painting *3 credits each*
Prerequisites: ART 713 and 714.
Individually selected problems in studio techniques of painting in a variety of media.

ART 773, 774 Sculpture Studio *3 credits each*
Prerequisites: ART 711 and 712.
Advanced work in processes and materials; design of sculpture in selected media.

ART 775, 776 Ceramics Studio *3 credits each*
Prerequisite: ART 723 or 724.
Individually selected problems in studio techniques and advanced work in processes and materials.

ART 791 Independent Study *3 credits*

ART 793 Major Creative Project *3 credits*
Prerequisites: completion of 24 graduate credits in art and open only to students who have been accepted as candidates for the Master of Art.
Designed for students to pursue projects in-depth according to the individual's needs in the areas of painting, graphics, sculpture, ceramics, and art history under the supervision of an assigned professor with department approval. Preparation for one-person show.

BIOLOGY

500-level courses are open to both graduate and undergraduate students.

BIO 504 Physiological Chemistry 4 credits
Prerequisites: BIO 111, 112, 360, CHE 251, and 252; or equivalent.

An introduction to biochemistry emphasizing biochemical control and the relationship to the physiological functions. Three lectures and one laboratory each week.

BIO 506 Introduction to Molecular Biology 4 credits
Prerequisites: BIO 111, 112, 222, CHE 251, and 252 or equivalents.

A comprehensive study of genetics from the perspective of the gene. The course explores the structure, molecular organization, regulation, and interactions of prokaryotic and eukaryotic genes. Lectures and lab exercises introduce techniques of recombinant DNA technology.

BIO 512 Biogeography 3 credits
Prerequisite: BIO 220 or 234, EAS 101 or permission of instructor.

Consideration of present and past distributional patterns of marine and terrestrial biota, their evolutionary centers, and geographic and environmental barriers.

BIO 528 Immunology 3 credits
Prerequisites: BIO 111, 112, CHE 111 and 112 or equivalent.

Topics presented in this course include immunoanatomy, the humoral and cellular basis of immunity, the technical applications of the immune system, and the immuno-genetics of antibody diversity. The role of major histocompatibility molecules in tissue graft rejection will be covered in depth. Three lectures per week.

BIO 567 Environmental Pollutants and Disease 3 credits
Prerequisite: permission of the instructor.

Exposure to pollutants causes diseases of the immune system, the central and peripheral nervous system, and the reproductive system. Pollutants also cause abnormal embryonic development and cancer. This course will focus on the pathogenic mechanisms of the pollution-associated diseases in humans.

BIO 614 Ecological Systems 4 credits

Designed to acquaint students with the fundamental concepts of ecology at the ecosystem level, and the interrelationships of these biological systems with abiotic environment. The interdependency of these systems and the effect of man's manipulation of them are emphasized. Lecture, laboratory, and fieldwork.

ENV/BIO 624 Scientific Computer Graphics 3 credits

An introduction to graphic software applications for scientific presentation and publication. Packages used include cur-

rent statistical graphing, illustration, and photo editing programs.

ENV/BIO 625 Community Ecology and Evolution 3 credits

This is a seminar covering the concepts of ecological niche theory, its development and applications both to modern community studies and to community ecology through geological time. The intimate relationships between community ecology, geologic history, and the patterns of evolution and extinction of eukaryotes are examined through selected readings from peer-review and first-order synthetic papers, discussions, and analyses.

BIO 630, 631 Selected Topics in Biology 3 credits each

Prerequisite: permission of instructor. This course may be elected more than once. Biology Department staff and guest lecturers.

The study of current trends in biological thinking and research. Topics to be covered are stated each semester. Examples from previous semesters are: Membrane Biology, Cellular Immunology, Neurobiology, Scanning Electron Microscopy, Physiology of Reproduction, Developmental Physiology. Lecture only.

S/T: Cell Pathology

S/T: Graduate Developmental Biology

S/T: Chloroplasts and Mitochondria

S/T: Cancer Cell Biology

BIO 640 Graduate Genetics 3 credits

Prerequisite: permission of instructor.

Focuses on the storage, modification, and retrieval of genetic information at both the chromosomal and molecular levels. Prokaryotic and eukaryotic systems are examined to illustrate how a genetic approach is being applied to answer questions concerning the mechanisms of inheritance, gene structure and function, cell differentiation and dedifferentiation, and various human disease conditions.

BIO 641 Graduate Genetics Laboratory 1 credit

Prerequisite or corequisite: BIO 640.

A "hands-on" survey of prokaryotic and eukaryotic organisms of genetical interest, coupled with a project of student design.

BIO 650 Graduate Cell Biology 3 credits

Prerequisite: permission of instructor.

Survey of the structural basis of cellular activity at the micro- and ultra-structural levels with readings designed to offer the student an understanding of nuclear and cytoplasmic structure and function.

BIO 790, 791 Special Research Problems 2-3 credits each

With the permission of the instructor, students may take each course for 2-3 credits, but only a total of 4 credits in BIO 790, 791, 792, 793 are applicable to an advanced degree in biology.

Guided research in approved laboratories.

BIO 792, 793 Directed Readings 2–3 credits each
 With the permission of the instructor, students may take each course for 2–3 credits, but only a total of 4 credits in BIO 790, 791, 792, 793 are applicable to an advanced degree in biology. In-depth readings in specific areas of study under individual guidance. Each proposal must be submitted to the departmental Graduate Affairs Committee.

BIO 796 Scholarly Paper 2 credits
 Review and critique of a specific field of study in biology, sponsored by a faculty member. Students are required to present a formal seminar of their findings to the department. (Cannot be applied to the thesis option.)

BIO 798, 799 Thesis Research 3 credits each
 This cannot be applied to the nonthesis (scholarly paper) degree.

Investigation of an original problem in biology. Students are required to present a formal seminar of their thesis research to the department upon completion of degree requirements.

CHE 571 Bio Chemistry I 4 credits
Prerequisites: Organic Chemistry
 Chemistry of amino acids, lipids, and carbohydrates. The structure and functions of biomacromolecules: proteins, nucleic acids, and polyaccharides; enzyme kinetics and bioenergetics. Laboratory includes the analytical techniques of biochemistry: spectrophotometry, chromatography, and electrophoresis. Three class periods and one laboratory period a week.

CHE 572 Biochemistry II 4 credits
Prerequisites: Organic Chemistry
 (CHE 571 is not a prerequisite.)
 Cell metabolism: degradative and biosynthetic pathways of carbohydrates, lipids, and amino acids. Energy metabolism: production and utilization of high energy phosphates. Nucleic acid and protein biosynthesis. Regulation and control of metabolism. Laboratory includes isolation and characterization of proteins and nucleic acids. Enzyme kinetics. Three class periods and one laboratory period a week.

ENGLISH

ENG 600 Chaucer 3 credits
 A thorough reading in Middle English of *Troilus and Criseyde* with attention to bibliography and criticism. A prior knowledge of Middle English is not required.

ENG 605 Shakespeare 3 credits
 Aspects of Shakespeare's work and theater not ordinarily familiar to those who have had only an undergraduate course in Shakespeare. Studies in the problems of Shakespearean biography and criticism.

ENG 608 Major Author Course 3 credits
 Intensive study of the works of a major British writer (e.g., Spenser, Blake, Arnold, Yeats) representing any period of British literary history and chosen by the instructor.

ENG 610 Genre Development: The Lyric 3 credits
 Concentrated work in the evolution of the lyric in English.

ENG 614 Medieval Literature 3 credits
 Intensive study of the major works and types of Old and Middle English literature to 1500, exclusive of Chaucer, in modern English translations.

ENG 617 Seventeenth Century Poetry 3 credits
 Intensive study of selected writers of the period exclusive of Milton and Shakespeare.

ENG 620 American Literature 3 credits
 Phases of American literature and life explored in-depth from the period 1600–1800.

ENG 622 American Literature III 3 credits
 A study of major writers, themes, and forms from World War I to the present. Includes the work of Hemingway, Fitzgerald, Faulkner, Eliot, Stevens, O'Neill, Williams.

ENG 629 History of the English Language 3 credits
 A study of the origin, relationships, and evolution of the language. Principles of structure, linguistic change, and vocabulary accretion in Old, Middle, and Modern English.

ENG 799 Thesis (Optional) 3 credits
Open only to candidates for the M.A. in English.
 Students are assigned to a professor who guides them in the preparation of a thesis.

ENVIRONMENTAL STUDIES/EARTH SCIENCE

ENV 500 Environmental Studies Introductory Seminar 3 credits
 This seminar introduces case studies of current environmental problems and environmental issues. Scientific concepts and methods and technical solutions to problems in specific areas are discussed, as are the limitations of current conceptual and analytical knowledge. Additionally, the cultural, political, institutional, and economic aspects of current and emerging concerns are introduced as they affect the environmental decision-making process. Readings of the current literature, discussions, and reports emphasize critical reading and writing skills. All students without an equivalent preparation will be required to take this seminar.

ENV/ECO 530 Environmental Economics 3 credits
 A broad perspective on economic issues with respect to the natural world. Topics include the theory of public goods, the problem of sustainability, environment and global institutions, and policy approaches.

ENV/BIO 567 Environmental Pollutants & Disease*3 credits*

A survey of the human health effects of pollution, and the pathogenic mechanisms of disease. Emphasis is placed on understanding the molecular mechanisms which underlie the disease state. Consideration will also be given to issues of risk assessment, occupational exposures, and the links between economics, nutrition, and susceptibility to the health risks of pollution.

ENV/BIO 614 Ecological Systems*4 credits*

The fundamental concepts of ecology at the ecosystem level, and the interrelationships of these biological systems with abiotic environments. The interdependency of these systems and the effects of human manipulations are emphasized. Lecture, laboratory, and field work. (Preferably offered 2nd summer session)

ENV/BIO 624 Scientific Computer Graphics*3 credits*

An introduction to graphic software applications for scientific presentation and publication. Packages used include current statistical graphing, illustration, and photo editing programs.

ENV/BIO 625 Community Ecology and Evolution*3 credits*

This is a seminar covering the concepts of ecological niche theory, its development and applications both to modern community studies and to community ecology through geological time. The intimate relationships between community ecology, geologic history, and the patterns of evolution and extinction of eukaryotes are examined through selected readings from peer-review and first-order synthetic papers, discussions, and analyses.

ENV/PHY 630 Concepts of Energy Utilization*4 credits*

Conceptual foundation of thermodynamics and the various forms of energy are introduced. Sources and reserves of energy are examined. Technology of power generation and distribution is explored and projected. A thermodynamic and energy laboratory is included.

EAS 601 Principles of Earth Science I*3 credits*

Appraisal of the earth's relationship to the universe and analysis of the earth's structure and enveloping gases. Current theories and application of the physical laws as they are encountered in the observation of natural phenomena in the field of geology. One or more field trips required.

EAS 602 Principles of Earth Science II*3 credits*

Study of the principles of earth sciences as they apply to paleontologic, meteorologic, and oceanographic phenomena. Term projects emphasize the analysis of experimental models or the data derived from them. One or more full-day field trips required.

EAS 617 Geomorphology*3 credits*

Analysis of depositional, erosional, and geomorphic processes in fluvial, glacial, aeolian, and coastal regimes; relationships to geologic history.

EAS 623 Earth Materials*3 credits*

Introduction to the chemistry, crystallography, and properties of minerals. Origin and mineralogical composition of the sedimentary, metamorphic, and igneous rocks. Weathering processes and soil formation.

EAS 641 Planetary Geology and Astronomy*3 credits*

Formation of the solar system and comparison of the composite earth environment with the other planets. Topics include basic development of astronomy, distribution of elements in the universe, planetary exploration, potential exploitation of planetary resources, and asteroids and comets as hazards.

EAS 654 Oceanography*3 credits*

An introduction to physical and chemical oceanography and topics in marine geophysics, marine geology, and economic aspects of oceanography. Instrumentation and recent developments emphasized. Field trips to be arranged.

EAS 657 Meteorology*3 credits*

Chemistry and physics of the atmosphere: observation and measurement of temperature, pressure, wind, moisture, and cloud changes, analysis of frontal cyclonic storms, weather forecasting, preparation of weather maps.

EAS 671 Climatology*3 credits*

A survey of the world's weather and climatological patterns in relation to the earth's continents, oceans, soils, vegetation, and human culture and health. Modern climatological classification system, prehistorical climatic regimes, statistical analysis of the nature and causes of climatic change.

EAS 674 Hydrogeology*3 credits*

A qualitative approach to hydrogeology with emphasis on the occurrence, movement, and chemical quality of ground water; the relation between geologic and hydrologic environments. Concepts illustrated by examples from Long Island and other parts of the United States.

EAS 675 Ground Water Management*3 credits*

Prerequisite: EAS 674.

Solution of regional and local ground water management problems. Design of analytical and digital solution techniques and data collection methods. Practical ground water quantity and quality problems from ongoing research programs.

EAS 681 Fossil Vertebrates*3 credits*

A survey of vertebrate fossils and their evolutionary trends. Principles of evolution and paleontology as illustrated by vertebrate paleontology. Field trips to be arranged.

EAS 684 Paleocology 4 credits*Prerequisites: EAS 230 and 682; or equivalent.*

Field recognition of ancient sedimentary environments and the limits these environments place on paleoecological communities. Interpretation of ancient faunal and floral relationships as deduced from sediments, geochemistry, depositional structures, and paleontological data. Lecture and laboratory. Field trips required.

EAS 761 Marine Geology 3 credits

A systematic survey of the marine environment and its relation to continental shelf and deep ocean geological processes. A supplement to EAS 654 Oceanography (basic course). One or more field trips required.

EAS 765 Coastal Processes 3 credits

Inner continental shelf geology. Barrier island, lagoon, and littoral zone sediment transport and modification. Variation in beach and dune morphology. Sedimentary parameters are investigated utilizing field and practical laboratory techniques. Laboratory hours and fieldwork to be arranged.

EAS 784 Special Topics II 4 credits

Courses of special interest that include additional laboratory or fieldwork.

EAS 785 Special Topics 3 credits

Examination of particular areas of the earth sciences. Topics include: palynology, petroleum geology, volcanology, remote sensing. Specific topics will vary from semester to semester.

EAS 786 Stratigraphy 3 credits

Principles and procedures of modern stratigraphic geology. Emphasis on the interpretation of sedimentary sequences and environments of deposition. Examples drawn from North America, the International geological record. Field trips to be arranged.

EAS 787 Glacial and Quaternary Geology 3 credits

Late Cenozoic climate and glaciation, glacial erosion and deposition, periglacial features, sea level, crustal deformation, stratigraphy and paleontology, causes of Ice Ages, analysis of modern glaciers, and field studies of glacial phenomena in eastern North America.

EAS 795 Earth Science Seminar 3 credits

Advanced-level study of developments in the earth sciences. Topics drawn from a wide range of current geologic, marine, atmospheric, mineral resources, and environmental problems.

EAS 798 Guided Research 3 credits

Work on a research problem under the guidance of a full-time member of the department. Registration for this course requires prior written permission from the faculty member who will guide the student's work.

HISTORY**HIS 533 Special Studies in American****History I** 3 credits

Each semester the course will focus upon six or seven major topics which are essential for understanding both the evolution of the American experience and the ambiguous qualities of that elusive cultural identity called "American." Among the topics to 1865: "Individualism and Free Enterprise," "The Idea of Freedom in America: Jefferson and Emerson," "The Role of Family in American Culture," "Race and Slavery," "Work and the American Dream," "The Intellectual Debate over Ratification of the Constitution."

HIS 534 Special Studies in American**History II** 3 credits

The course will explore changing conceptions of fundamental aspects of American culture. Special attention will be given to the relationship between ideas and culture, especially with regard to the notions of freedom, natural identity, and individualism. Also, the changing roles of significant institutions—particularly the family, the schools and government—will be studied. Topics this semester parallel those of the first semester, i.e., "The Continuing Debate over the Constitution," "The Idea of Freedom in America: William James and Frederick Jackson Turner." Readings will range from William James and John Dewey to Timothy Leary and Christopher Lasch.

LANGUAGES AND INTERNATIONAL STUDIES**Linguistics****LIN 601 Structural Linguistics** 3 credits

Study of descriptive and analytical concepts of structural linguistics. Application of linguistic principles to the problems of reading and to the teaching of English and foreign languages.

Spanish**SPA 531 Caribbean Culture and Civilization**

3 credits

A study of Caribbean culture and civilization through the most representative literature of this region including essays, poetry, and fiction.

MATHEMATICS AND COMPUTER SCIENCE

Mathematics

MTH 630 Foundations of Geometry 3 credits

(1) Metric and synthetic Euclidean geometry, hyperbolic and elliptic geometries from the axiomatic point of view, models, independence and consistency. (2) Comparison of metric relations in Euclidean, hyperbolic, and elliptic planes, affine and projective aspects of Euclidean geometry, introduction to affine and projective planes.

MTH 790, 791 Guided Reading in Mathematics 1–6 credits

Prerequisite: permission of department.

Selected reading in mathematics under supervision of a member of the graduate mathematics faculty.

Mathematics Teacher Program

MTP 604 Discrete Mathematics for Computer Science 3 credits

This course presents the basic mathematics underlying computer science: Symbolic logic and circuit elements; sets, relations and functions and their applications (for example in relational data bases); graphs, trees and their uses; arithmetic in binary and other number systems; enumeration of combinations and permutations via recursion equations; finite state machines and other automata.

MTP 620 Foundations of Set Theory and Arithmetic 3 credits

Set operations, power set, ordered pairs, relations, functions, cardinal arithmetic, the Bernstein equivalence theorem. Applications to the integer, rational, real and complex number systems.

MTP 621 Introduction to Mathematic Logic 3 credits

Logical paradoxes and controversies. Truth functions and quantifiers. Naive set theory. Axiomatization of first-order logic. Deductive theories.

MTP 623 Theory of Numbers 3 credits

Prerequisite: MTP 625.
Representation of integers in a given base, properties of primes, arithmetic functions, modular arithmetic, diophantine equations, quadratic residues, quadratic reciprocity law, discussions of famous unsolved problems in number theory.

MTP 625, 626 Introduction to Modern Algebra I, II 3 credits each

Groups, rings, integral domains, and fields. Also studied are notions of isomorphisms and homomorphisms between algebraic structures.

MTP 628 Introduction to Linear Algebra 3 credits

A study of vectors, matrices, and determinants with applications to three-dimensional geometry and its transformations.

MTP 635 Topics in Geometry 3 credits

Topics to be selected by the instructor.

MTP 640, 641 Foundations of Analysis 3 credits each

Prerequisite: MTP 625.

Taylor's theorem. Elementary functions of real and complex variables. Proof of the fundamental theorem of algebra. Definite integrals. Introduction to the calculus of several variables. The real numbers as a complete ordered field. Inequalities. Sequences. Series. Derivatives.

MTP 643 Computational Mathematics 3 credits

Prerequisite: CSC 612 or 602.

A study of errors arising in computation: roundoff errors, truncation errors, propagation of errors. Mathematical concepts including differentiation, integration, sequences, and series are explored computationally.

MTP 650 Introductory Probability and Statistical Inference 3 credits

Finite sample spaces. Equally likely events. Permutations and combinations. Frequency distributions. Means and other moments. Binomial distribution. Statistical inference.

MTP 656 History of Mathematics 3 credits

Babylonian mathematics and the sexagesimal number system. Greek mathematics from Thales, Pythagoras, and Euclid to Archimedes and Ptolemy. Fibonacci and the Medieval period. Cardan and Tartaglia and the solution of the cubic equation. Newton and Leibniz and the creation of calculus.

Computer Science

CSC 602, 603 Computer Programming in PASCAL 3 credits

Introduction to structured programming using PASCAL language. Selection and repetition, arrays, procedures, and functions. Applications to simple computational problems.

CSC 602 Introduction to Computer Programming 3 credits

Introduction to computer programming using an object-oriented language, such as C++. Selection and repetition, arrays, procedures, functions, and polymorphism. Applications to simple problems.

CSC 610 Computer Programming in C ++ 3 credits

Prerequisites: CSC 602 and 603, or fluency in a programming language and knowledge of basic data structures.

Introduction to object-oriented programming (OOP) using C + +. This course is intended for students already familiar with another programming language such as Pascal or C. The syntax of the language, which implements the usual

structures of imperative programming languages, will be introduced. In addition, the C++ implementation of OOP concepts like objects, classes, inheritance, and polymorphism will also be explored. Several programming assignments as well as a software engineering project will be required.

CSC 615 Assembly Language for Microprocessors 3 credits
Prerequisites: prior programming experience and permission of department.

Introduction to machine language and assembly language. Computer architecture, assembly programming techniques, I/O programming concepts, loaders, linkers, assemblers, and operating system interfacing.

CSC 616 Principles of Programming Languages 3 credits
Prerequisite: CSC 602 or 612.

A comparative study of programming languages, with a view toward identifying common general features and respects in which they differ. Intensive study of a high-level structured language such as PASCAL, ADA or PL/I and comparisons with BASIC. Compiled vs. interpreted languages: block structure, variable types, parameter passing.

CSC 675 Computer Hardware and Architecture I 3 credits
Prerequisites: MTP/CSC 604 and CSC 615.

Functional description of computer components and their organization. Memory organization and bus architecture. Processors: digital logic, ALU, registers. Machine representation of data, commands, and addressing modes. Input/output components.

CSC 676 Computer Hardware and Architecture II 3 credits
Prerequisite: CSC 675.

Microprogram and control store architecture. Pipeline and parallel processors. Concepts of non-von architecture.

CSC 680 Special Topics in Computer Science 3 credits
May be taken more than once for credit.

PHILOSOPHY

PHI 790 Independent Research 3 credits
Registration only with permission of department.

Independent research in philosophy for students who are interested in exploring the philosophical aspects of work in a field of interest to them. Frequent consultations with the chosen faculty advisor and a substantial written project embodying the work of the semester are required.

PHYSICS

PHY 555 Lasers and Holography 3 credits
Prerequisite: PHY 264; or equivalent.

Fundamental laser concepts. Spontaneous emission, stimulated emission, absorption. Optical amplification. Pumping processes. Threshold conditions. Optical resonators. Theories and properties of gaseous, liquid, crystalline, chemical, and semiconductor lasers. Spatial and temporal coherence. Gaussian beams. Fundamentals of holography. Image reconstruction. Fresnel, Fourier, phase, computer holograms. Optical filtering. Demonstration experiments.

PHY 605 Astronomy and Space Physics 3 credits

A nonmathematical introduction to modern thinking in astronomy and space physics. Astronomy—how we have been able to learn about the earth, the planets, the sun, the stars, and the galaxies. Philosophical and practical implications. Space exploration—opening new windows on the universe. Application to the study of ecological problems. Numerous observation and laboratory sessions.

PHY 620 Mathematical Methods in Theoretical Physics I 3 credits

Differential and integral calculus of several variables, line and surface integrals, vector algebra and calculus, including Gauss's and Stokes's theorems.

PHY 622 Electricity and Magnetism 3 credits

Prerequisite: PHY 620 or equivalent.
Corequisite: PHY 630 or equivalent.

Rigorous derivation of Maxwell's equations, scalar and vector potentials, solution of Laplace's equation, electromagnetic waves, and the Poynting vector.

PHY 623 Mechanics 3 credits

Prerequisite: PHY 620 or equivalent.

Newtonian dynamics; integrals of motion, orbit analysis, central force problem, motion in electromagnetic field. Rotating coordinate frames. Lagrangian and Hamiltonian methods.

PHY 628 Atomic Physics 3 credits

Special relativity. Experimental and theoretical developments leading up to quantum mechanics. Optical and X-ray spectra, vector model. The Schrodinger wave equation.

PHY 630 Mathematical Methods in Theoretical Physics II 3 credits

Prerequisite: PHY 620 or equivalent.

Infinite series, Fourier series, and integrals. Functions of a complex variable, Taylor and Laurent series, pole and residues, contour integration. Separation of variables in partial differential equations, special functions.

PHY 682 Thermodynamics and Kinetic Theory 3 credits

its

Prerequisite: PHY 620 or equivalent.

First and second laws of thermodynamics, thermodynamic functions, Maxwell's relations, applications. Basic hypotheses and elementary techniques of kinetic theory. The Maxwell-Boltzmann distribution. Collision dynamics and the Boltzmann equation. The H-theorem.

PHY 690 Electromagnetic Theory I 3 credits

its

Prerequisites: PHY 622 and 630 or equivalent.

Methods of solution of Maxwell's equations, boundary value problems. Physical optics. Fresnel equations. Electromagnetic properties of matter. Lienard-Wiechett potentials, radiating charges.

PHY 730 Introduction to Nuclear Physics 3 credits

its

Prerequisites: PHY 622, 623, and 628 or equivalent.

Properties of nucleus, nuclear moments. Alpha decay. Two nucleon problem. Nuclear models. Beta decay, neutrinos, strange particles. Stopping of charged particles and radiation by matter.

PHY 756 Special Relativity 3 credits

Prerequisites: PHY 684 and 691 or equivalent.

Lorentz transformation. Covariant formulation of mechanics and electromagnetism. Principle of equivalence, gravitational field equations.

PHY 770 Quantum Mechanics I 3 credits

Prerequisites: PHY 628, 630 or equivalent.

Wave mechanics—physical interpretation, operator, formulation. Exact solutions of the Schrodinger equation for bound and continuum states. Matrix mechanics. Stationary and time-dependent perturbations, WKB approximation. Scattering theory, phase shifts. Born approximation. Atomic and molecular problems. Dirac equation.

PHY 796, 797 Independent

Reading

1–3 credits each

Prerequisite: permission of department (to a maximum of 6).

A program of reading and individual instruction. Registration for this course requires prior written permission from the faculty member who will guide the student's work.

PHY 798 Guided Research 3 credits

Prerequisite: permission of department.

Work on a research problem under the guidance of a member of the department. Registration for this course requires prior written permission from the faculty member who will guide the student.



SCHOOL OF BUSINESS

School of Business

Business Building 121

Rakesh Gupta, *Associate Dean*

Patricia A. Marcellino, *Assistant Dean*

Professors

Allan S. Ashley
Gregory P. Gutman
Samuel Natale
Alvin J. Rosenstein

Associate Professors

Jack Angel
Joseph Chorun
Grace Conway
Robert L. Felheim
David Gleicher
Jeffrey Goldstein
Zhimin Huang
Susan Li
David Machlis
James C. Patchias
Darko Skorin-Kapov
Daniel A. Verreault
Winston Waters

Assistant Professors

Rakesh Gupta
Harvey J. Heinowitz
MaryAnne Hyland
Alan Kreitzman
Rachel Mather
Jayen Patel
R. Bruce Swensen
Mariano Torras
Simon Yang

Professional Philosophy

Few areas of American life are as dynamic and challenging as the world of business and entrepreneurship. The rapid pace of technological change and the growth of international markets and competition are creating rich opportunities for increased productivity and abundance for an ever larger number of people. To seize these opportunities, specific endeavors must be identified, developed, managed, and pursued. The flux and uncertainty of our new global economy, however, means that past practices are no longer a sure guide to future possibilities. The School of Business at Adelphi has fully embraced this challenge of modern economic

life by recognizing that growth and abundance depend on the knowledge, understanding, and originality of tomorrow's business leaders as well as on their energy, ambition, and sense of responsibility. To create the new entrepreneur who can flourish amidst unprecedented change, the School has redefined its educational philosophy, reorganized its curriculum, and reinvigorated its pedagogy. The principles underlying this reform include the belief that the best business leaders are those who enjoy intellectual challenge; have a deep appreciation of the theoretical and the practical; understand today's reality and tomorrow's possibility; and see the link between the skills they learn and the character they display.

In addition to the Master of Business Administration (M.B.A.), the School awards a wide array of other graduate degree and post-graduate certificates, including: M.B.A./C.P.A.; M.S. in Accounting; M.S. in Finance and Banking; Certificate in Management for Non-Business Majors; Certificate in Management for Women; and the Certificate in Human Resource Management.

The School's graduate students form a vibrant community whose diversity enriches the learning experience. They come from across the United States and 15 foreign countries, with undergraduate majors ranging from anthropology and economics to nursing and fine arts, and professional backgrounds ranging from bank officer and senior accountant to military officer and lawyer. Professional clubs and organizations such as the Accounting Society and the Marketing Club bring together students with common interests, and provide forums to exchange ideas and explore career options and professional goals. Guest speakers, internship opportunities, and our Distinguished Executive Lecture Series further serve to enhance the learning environment.

Career-related activities are coordinated by the University's Center for Career Development. The Center provides assistance with résumé preparation, interviewing skills, and employment search techniques. The Center also oversees the on-campus recruitment process and aims to prepare students well ahead of that process. Students are encouraged to schedule individual career interviews as they proceed through their studies and to attend the career workshops held throughout the year. On-campus events feature guest speakers from various corporations who discuss career paths and opportunities. In addition, the Center maintains listings of full-time, part-time, and summer positions.

Programs of Study

Degrees

Master of Business Administration (M.B.A.)

Degree in Management

Specializations: (1) Accounting, (2) Banking and Financial Markets, (3) Corporate Finance and Investments, (4) Hospital and Health Care Management, (5) Human Resource Management, (6) International Business, (7) Management, (8) Marketing.

Master of Business Administration (M.B.A.) with Certified Public Accounting Sequence (C.P.A.)

Master of Business Administration (M.B.A.) in Management with Master of Science (M.S.) in Nursing

Master of Science (M.S.) in Accounting

Master of Science (M.S.) in Finance and Banking

Advanced Post-Graduate Certificates:

Human Resource Management
Management

Master's Programs

The M.B.A. and M.S. programs share the following unified structure:

Prerequisite Courses (9 credits). This component of courses helps ensure that all students possess the basic skills and abilities nec-

essary for graduate business study. The number of prerequisite courses needed varies depending upon the student's previous academic preparation and background.

Foundation Core (24 credits). The foundation core, or common body of knowledge component of courses, is designed to provide a solid foundation in each of the functional areas of business, statistics, economics, finance, management information systems, marketing, management, and business ethics. It also teaches the student to integrate material across the different disciplines. These courses are the "building-blocks" for the more advanced courses.

Advanced Core Courses (21 credits). This component of courses examines 21st century management issues on a macro and global level, and is designed to enrich the student's professional and learning experience.

These courses provide every student with the knowledge to compete in a global marketplace, as well as to manage and grow a global enterprise. Whether you manage a firm with 50 employees or you have a multinational corporation with 50,000 employees, you will be competing with organizations from across the world, serving customers in other countries, or sourcing your raw materials from around the globe. The business environment is global no matter where you do business or in what industry. In fact, nearly 60 percent of the commercial activity on Long Island involves export activity. Business leaders need to understand the following:

- The use of financial measures to support and inform decision making, including such tools as activity-based management, planning practices and models, variance analysis, cash flow analysis, operational performance measures, capital budgeting, and risk assessment. Therefore, every student is required to take our ACC 600 course Accounting for Managerial Analysis.
- The complexities of developing, planning, and implementing a vision and mission for

the organization, as well as the supporting strategic plan in a dynamic, rapidly changing, and intensely competitive business environment. The major theories of leadership such as trait theory, behavior theory, contingency theory, and transformational leadership, as well as the issues of power, motivation, and management style are addressed in MGT 666 Leadership and Innovation in Complex Systems.

- Understand the best management practices on the continuum from product design, production, and distribution, to the final collection of funds, i.e., the whole design-to-remittance value-creation chain. Every manager needs to implement the best practice in every function of the organization and understand the service, financial, and manufacturing sectors of the global economy. These topics are investigated in OPR 678 Best Practices, Production, and TQM.
- Implement and deploy technology to support global intelligence gathering to achieve cost reduction, to create and enhance the value chain, identify and serve customers, and to achieve cycle time reduction. Every leader needs to appreciate the risk/reward tradeoffs in technology investment, and be able to justify those investments in a capital budgeting and strategic framework. Every student will become familiar with these concepts in MGT 770 Management of Technology.
- Create and participate in business alliances (including joint ventures, partnerships, mergers, licensing, etc.) that require the ability to communicate effectively and persuasively, orally and in writing; to negotiate cooperative agreements, arbitrate disputes, and otherwise interact adroitly on an interpersonal level in the global village. The competencies are developed in BUS 689 Persuasive Communication and Negotiation.
- Financially analyze competitor performance in an industry sector or on an individual basis. Leaders need to distinguish the performance of segments or distribution channels from a competitive financial viewpoint. Everyone should develop the ability to analyze the complexities of the global deployment of resources to maximize value on a risk-adjusted basis. Immersion in these issues occurs in FIN 734 Building Shareholder Value Through Competitive Analysis.
- Meet the challenge of selecting, developing, retaining, promoting, and compensating high performance employees to carry the strategic vision and mission of the organization. This complex challenge needs to be met on a global scale with an understanding of the cultural differences that exist around the world. Our course HRM 765 Developing World Class Human Resources deals with these issues.
- Encourage innovation, creativity, and entrepreneurial activity for the purpose of spinning off a division of your organization, organically growing a new business segment, as well as being prepared to start your own business. Entrepreneurship/Intrapreneurship is certainly the hallmark of our new dot.com economy and everyone needs to have the opportunity to acquire these skills. Our course BUS 662 is available for everyone who has an interest in selecting this course as part of their advanced core.

Specialization and Electives (9 credits).

Depending upon interests and career objectives, students can make the focus of their M.B.A. program as broad or as narrow as they wish. Those seeking a broader course of study can select from advanced elective courses that span the entire spectrum of the business curricula. Specialization is available to those whose interests lie in one of the more traditional management spheres. These are outlined in greater detail on the following pages. Students opting for

a specialization choose their electives from a prescribed list of courses relating to that specific discipline.

Students enrolled in the M.B.A./C.P.A. program are required to take a prescribed set of advanced elective courses to fulfill the requirements needed to sit for the New York State C.P.A. examination.

Capstone (3 credits). Strategic management (BUS 679), taken as one of the last three courses in the program, integrates the material covered in the entire program.

The Master of Business Administration (M.B.A.) in Management (33–66 credits)

The M.B.A. program is designed to serve middle-level professionals and others seeking advancement in management careers. To be able to perform with distinction in our global environment, today's managers must be intellectually well-rounded and have the capacity to understand and appreciate the impact of their decisions on society, and the role that society plays in forming their decisions. They must know how to communicate effectively and must possess a thorough understanding of the legal, environmental, technological, and social issues that affect an organization's operations. The program's required foundation, core, and advanced core components integrate contemporary management issues and business fundamentals, thereby enabling students to acquire such knowledge and competencies. Students have the option of specializing in one of the traditional areas of management or pursuing a more general approach by spreading their advanced elective course of study over several functional areas.

The Master of Business Administration (M.B.A.) degree consists of a maximum of 66 credits and a minimum of 33 credits. This flexibility is intended to accommodate students with varied academic backgrounds, including those

who have already earned an advanced degree and are now seeking to earn a graduate business degree. The M.B.A. curriculum meets state, regional, and national accreditation standards.

Graduate Prerequisite Courses (9 credits)
(Depending on previous academic background, the following prerequisite course(s) may be required):

ACC 500	Financial Accounting
OPR 501	Computer Applications
OPR 507	Mathematics for Managers

Foundation Core (Common Body of Knowledge) (24 credits)

BUS 551	Legal and Ethical Environment
ECA 520	Macroeconomics
ECA 521	Microeconomics
FIN 630	Corporate Finance
MGT 561	Management Theory/ Organizational Behavior
MKT 580	Marketing Management
OPR 573	Management Information Systems
OPR 670	Statistical Methods

Advanced Core Courses (21 credits)

Note: Student must have taken or waived at least 21 credits before entering the Advanced Core.

ACC 600	Accounting for Managerial Analysis
MGT 666	Leadership and Innovation in Complex Systems
OPR 678	Best Practices, Operations, and TQM
MGT 770	Management of Technology
BUS 689	Persuasive Communication and Negotiation
FIN 734	Building Shareholder Value through Competitive Analysis
HRM 765	Developing World Class Human Resources
BUS 662	Entrepreneurship/ Intrapreneurship

Students must take either HRM 765 or BUS 662.

Specialization/Elective (9 credits)
Select three specialization or elective courses

Capstone (3 credits)
BUS 679 Strategic Management

M.B.A.—Areas of Specialization or Electives

Choosing a specialization is optional. To qualify for a specialization, select three courses from one of the following areas:

Accounting

(Prerequisite: 24 credits in accounting)

ACC 703	Advanced Auditing
ACC 704	Advanced Federal Taxation
ACC 706	Advanced Cost Accounting
ACC 707	Auditing and the Computer
ACC 708	Seminar in Accounting Theory

Banking and Financial Markets

BKG 613	Credit Risk Management
BKG 710	Money, Banking, and Financial Markets
BKG 715	International Banking
ECA 720	Advanced Macroeconomic Analysis
FIN 712	Asset/Liability Management of Financial Institutions
FIN 713	Seminar in Finance
FIN 736	International Finance

Corporate Finance and Investments

FIN 713	Seminar in Finance
FIN 737	Advanced Topics in Finance
FIN 738	Investment Analysis
FIN 739	Portfolio Management
FIN 743	International Financial Management

Hospital and Health Care Management

HHM 771	Hospital and Health Care Policy and Management
HHM 772	Organizations of Systems for Delivery of Health Care
HHM 773	Health Resources and Manpower Management
HHM 774	Legal Aspects of Health Care
HHM 776	Hospital and Health Care Finance

Human Resource Management and Personnel Administration

HRM 763	The Executive Personality: Theory and Assessment
HRM 762	Human Resource Planning and Policy
HRM 765	Developing World Class Human Resources*
HRM 766	Performance Appraisal and Compensation Administration
MGT 660	Industrial Relations

International Business

BKG 715	International Banking
BUS 741	International Marketing and Production
FIN 736	International Finance
FIN 743	International Financial Management

Management

BUS 651	Future Trends in Management
BUS 662	Entrepreneurship/Intrapreneurship*
MGT 660	Industrial Relations
MGT 791	Management Styles and Team Building
OPR 675	Total Quality Management

*If taken for specialization or elective credit, credit cannot be applied toward Advanced Core course requirements.

Marketing

BUS 741	International Marketing and Production
MKT 582	Creative Problem Solving
MKT 680	Sales Promotion and Direct Marketing
MKT 780	Marketing Research
MKT 781	Sales Management
MKT 782	Advertising Management
MKT 785	New Product Management
MKT 787	Consumer Behavior

The Master of Business Administration with Emphasis in Certified Public Accounting

(57–90 credits)

The M.B.A.-C.P.A. degree program combines the general management foundation core and breadth components of the M.B.A. with a comprehensive specialization in accounting. In addition to providing students with the managerial and decision-making skills needed to compete effectively in today's rapidly changing business world, successful completion of the program qualifies the student to sit for the New York State C.P.A. examination, and may reduce the New York State C.P.A. work experience by one year.

The program is intended for those without prior accounting knowledge. The waiver policy and variety, scope, and depth of the course offerings make the program ideal for business management majors who now desire to earn the M.B.A. and acquire the C.P.A. credential. Likewise, liberal arts graduates seeking an M.B.A. and a career in accounting benefit from the general management components of the M.B.A. and the accounting expertise developed in the specialization.

The course of study focuses on theories and

concepts and their applications to real-world situations, so that graduates will have the skills and knowledge needed to meet present and future challenges.

The M.B.A.-C.P.A. program consists of a maximum of 90 credits, and a minimum of 57 credits, with at least 30 of these being on the graduate level.

Undergraduate Prerequisite Courses

(24 credits)

ACC 101, 102	Principles of Accounting I, II
ACC 201, 202	Intermediate Accounting I, II
ACC 203	Cost Accounting
ACC 303	Principles of Auditing
ACC 401	Federal Income Taxation I
ACC 403	Advanced Accounting Problems

State Requirement for all MBA/CPA

Students (3 credits)

MTH 113	Survey of Statistics
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Optional Courses for CPA Exam

Preparation

ACC 402	Federal Taxation II
ACC 405	Accounting Information Systems
ACC 406	Government and Fund Accounting

Graduate Prerequisite Courses

(6 credits)

(Depending on previous academic background, the following additional prerequisite course(s) may be required.)

OPR 501	Computer Applications
OPR 507	Mathematics for Managers

Foundation Core Courses (Common Body of Knowledge) (24 credits)

BUS 550	Business Law I
ECA 520	Macroeconomics
ECA 521	Microeconomics
FIN 630	Corporate Finance

MGT 561	Management Theory/ Organizational Behavior
MKT 580	Marketing Management
OPR 573	Management Information Systems
OPR 670	Statistical Methods

Advanced Core Courses (21 credits)*Required courses:*

BUS 650	Business Law II
BUS 662	Entrepreneurship/ Intrapreneurship
BUS 689	Persuasive Communication and Negotiation
FIN 734	Building Shareholder Value Through Competitive Analysis
HRM 765	Developing World Class Human Resources
MGT 666	Leadership and Innovation in Complex Systems
MGT 770	Management of Technology
OPR 678	Best Practices, Operations, and TQM

Specialization Courses (9 credits)*Required courses:*

ACC 703	Advanced Auditing
ACC 704	Advanced Federal Taxation
ACC 708	Seminar in Accounting Theory

Capstone (3 47credits)

Taken as one of the last three courses in the program.

BUS 679	Strategic Management
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Joint M.B.A. in Management and M.S. in Nursing Degree Program

(72-74 credits)

Nurse administrators increasingly are becoming integral members of administrative teams within health service organizations and are com-

peting for leadership positions with individuals from non-nursing backgrounds. Their responsibilities have grown in the areas of long-range, strategic, and financial planning; resource management; implementation of outcomes-based approaches to quality patient care; governance of board meetings; and management of multiple patient care departments. This combined 72-74-credit program with the School of Nursing and the School of Business allows the registered nurse holding a bachelor's degree to complete the Master of Science in Nursing and Master's in Business Administration. The program incorporates contemporary management theory; business fundamentals and essential core competencies; and knowledge, skills, and values of advanced professional nursing practice. The objective of this joint degree program is to prepare leaders who facilitate and embody the competencies required to help transform health service organizations and health systems as a whole.

Admission to Joint Degree Program, M.B.A. in Management and M.S. in Nursing

Students can apply to the M.S. and M.B.A. programs concurrently. One application and one set of transcripts, references, and other supporting documents should be sent to the Office of University Graduate Admissions. Students may exit the program after completion of the requisite 45 credits for the M.S. in nursing. Students who are currently enrolled in the M.S. program in nursing administration and who wish to enroll in the joint degree program must apply directly to the School of Business prior to enrolling in NUR 770. An additional 27 credits will be required for the M.B.A.

Admission Requirements

1. Current licensure as a registered nurse.

2. Possession of a baccalaureate degree in nursing from a professionally accredited program or a non-nursing baccalaureate degree plus a passing score on the NLN baccalaureate comprehensive achievement test.
3. Completion of a basic calculus and a basic statistics course with a grade of B or better.
4. A minimum of two years of practice in nursing prior to taking specialty courses. One year of practice should be in nursing service administration.
5. Official transcripts from all previous colleges or universities attended.
6. Grade point average of 3.0
7. Two letters of recommendation from the applicant's recent employers.
8. Graduate Management Admission Test (GMAT results).
9. A statement of personal objectives.
10. International applicants must have obtained a minimum score of 550 on Test of Foreign Language (TOEFL) within the past two years; a declaration and certificate of finances; and certified English translations of all prior academic records.

Program Plan*

Management Requirements (39 credits)

ACC 500	Financial Accounting
ECA 520	Macroeconomics
ECA 521	Microeconomics
MGT 561	Management Theory and Organizational Behavior
OPR 573	Management Information Systems
MKT 580	Marketing Management
ACC 600	Accounting for Managerial Analysis
FIN 630	Corporate Finance
OPR 678	Best Practices, Operation, and TQM
FIN 734	Building Shareholder Value Through Competitive Analysis

HRM 765	Developing World Class Human Resources
HHM 772	Org. Sys. Delivery of Health Care
HHM 776	Hospital Healthcare Finance

*Course sequences and plans of study for students are developed individually in consultation with the faculty advisor.

Nursing Requirements (33–35 credits)

Required Courses

NUR 602	Ways of Knowing
NUR 604	Small Group Phenomena
NUR 702	Health Issues, Policy and Politics

Specialty Courses

NUR 664	Collective Bargaining
NUR 665	Legal Issues
NUR 666	Ethical Issues
NUR 768	Health Promotion and Disease Prevention Program Development
NUR 769	Roles and Functions of Nursing Service Administrator
NUR 770	Seminar and Practicum in Nursing Administration

Research Courses

NUR 650	Nursing Research I
NUT 750	Nursing Research II
NUR 751	Project Advisement

The Master of Science in Accounting (30–45 credits)

The Master of Science (M.S.) in accounting is an intensive program for professional accountants who wish to expand their proficiency in accounting and, at the same time, earn a graduate degree in the field. The program combines essential management principles with advanced course work in the field, and is designed to provide the student with both the advanced technical accounting knowledge and the analytical and

managerial skills needed to apply that knowledge to complex financial reporting, auditing, tax, and managerial accounting matters.

The program is open only to students who have already earned a bachelor's degree majoring in accounting from a college or university whose accounting program is acceptable to Adelphi University. Successful completion of the program reduces the New York State C.P.A. work experience requirement by one year.

The M.S. in accounting consists of a maximum of 45 credits and a minimum of 30 credit hours for undergraduate accounting majors.

Prerequisite Courses (6 credits)

OPR 501	Computer Applications
OPR 507	Mathematics for Managers

Required Courses (12 credits)

ECA 521	Microeconomics
FIN 630	Corporate Finance
OPR 573	Management Information Systems
OPR 670	Statistical Methods

Advanced Required Courses (9 credits)

BUS 689	Persuasive Communication and Negotiation
OPR 678	Best Practices, Operations, and TQM
FIN 734	Building Shareholder Value through Competitive Analysis

Advanced Accounting Specialization Courses (18 credits)

(Prerequisite: 24 credits in Accounting)

ACC 703	Advanced Auditing
ACC 704	Advanced Federal Taxation
ACC 706	Advanced Cost Accounting
ACC 707	Auditing and the Computer
ACC 708	Seminar in Accounting Theory
BUS 652	Government and Public Policy

The Master of Science in Finance and Banking

(30–51 credits)

Financial institutions are part of a dynamic transformation already in process. They are being subjected to enormous changes in the regulatory environment, the competitive framework, technology, international relationships, the globalization of the economy, and other concerns.

The need for professional training in finance and banking is multifold. The Master of Science (M.S.) in finance and banking meets the needs of the banking and financial communities in the United States and abroad by providing bankers and financiers with the professional knowledge, managerial expertise, and analytic skills needed to function effectively. The course of study combines essential management principles with highly specialized course work, and is designed to provide a thorough understanding of significant banking and monetary issues, and technical operating aspects of financial institutions and money markets.

The M.S. in finance and banking consists of a maximum of 51 credits, and a minimum of 30 credits. This flexibility is intended to accommodate students with varied academic backgrounds.

Prerequisite Courses (9 credits)

ACC 500	Financial Accounting
OPR 501	Computer Applications
OPR 507	Mathematics for Managers

Required Courses (15 credits)

(Common to ALL Tracks)

ECA 520	Macroeconomics
ECA 521	Microeconomics
FIN 630	Corporate Finance
OPR 573	Management Information Systems
OPR 670	Statistical Methods

Advanced Required Core Courses

(9 credits)

ACC 600	Accounting for Managerial Analysis
BKG 710	Money, Banking and Financial Markets
OPR 678	Best Practices, Operations, and TQM

Track I - Macroeconomics (15 credits)

BKG 715	International Banking
BUS 652	Government and Public Policy
ECA 720	Advanced Macroeconomics
FIN 510	Securities Markets
FIN 736	International Finance

Track II - Microfinance (15 credits)

FIN 734	Building Shareholder Value Through Competitive Analysis
FIN 738	Investment Analysis
FIN 743	International Financial Management
FIN 739	Portfolio Management
ACC 601	Financial Statement Analysis
OR	
ACC 605	Tax Planning for Managers

Track III - Banking (15 credits)

ACC 601	Financial Statement Analysis
BUS 652	Government & Public Policy
BKG 613	Credit Risk Management
BKG 715	International Banking
FIN 712	Asset/Liability Management of Financial Institutions

Capstone (3 credits)

FIN 713	Seminar in Finance
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Certificate Program in Management for Non-Business Majors

(24–33 credits)

Adelphi University's School of Business offers an option in graduate education open to qualified liberal arts and other non-business majors who have earned a Master's degree. The 33-credit Certificate in Management is designed for men and women who want to advance professionally, update their credentials, and change careers.

Management certificate students acquire a basic foundation in the functions of business; an appreciation for the environment in which business operates; and begin to develop the analytical tools needed for intelligent decision-making by taking the foundation core or common body of knowledge component of the Master of Business Administration (M.B.A.) degree.

All 33 of the certificate credits are transferable to the M.B.A. degree upon satisfactory completion of all other admissions requirements for the M.B.A. degree.

ACC 500	Financial Accounting
ACC 600	Accounting for Managerial Analysis
BUS 551	Legal/Ethical Environment of Business
ECA 520	Macroeconomics
ECA 521	Microeconomics
FIN 630	Corporate Finance
MGT 561	Management Theory/Organizational Behavior
MKT 580	Marketing Management
OPR 501	Computer Applications
OPR 507	Mathematics for Managers
OPR 573	Management Information Systems
OPR 670	Statistical Methods

Certificate Program in Management for Women

(33 credits)

Although women make up half of today's labor force, their career aspirations are often unsatisfied because of lack of professional training in management. To address this problem, the Certificate Program in Management for Women has been established by the School of Management and Business of Adelphi University. The program is designed to meet the needs of post-college-educated women seeking opportunities for promotion, and those changing careers.

The graduate curriculum course sequence, admissions requirements, and support services of the Certificate Program in Management for Women are the same as for the Certificate in Management for Non-Business Majors.

The Certificate Program in Management for Women received the First Annual Equal Opportunity for Women Innovation Award of the American Assembly of Collegiate Schools of Business (AACSB).

Certificate Program in Human Resource Management

(15 credits)

American business and industry are becoming increasingly aware of the degree to which an organization's success depends on the productive well-being of its human resources. Accordingly, the business world has been increasing its attention to the personnel function and to the field of Human Resource Management.

The Certificate Program in Human Resource Management is designed to provide the human resource professional who has earned a graduate degree with the personnel skills and state-of-the-art knowledge needed to perform effectively in this changing and growing field.

The program is open to students with Master's degrees in any field. All 15 of the program's credits are transferrable to the M.B.A. degree upon satisfactory completion of all other admissions requirements for the M.B.A. degree.

Human Resource Certificate Courses

(15 credits)

Required courses:

HRM 762	Human Resource Planning and Policy
HRM 765	Developing World Class Human Resources
HRM 766	Performance Appraisal and Compensation Administration
MGT 561	Management Theory/Organizational Behavior
MGT 660	Industrial Relations

Admission Requirements

In addition to the requirements for University graduate admission, specified elsewhere in this *Bulletin*, all prospective students are required to submit:

- Graduate Management Admissions Test (GMAT) results. Scores that are more than five years old are generally not accepted. (Test information and an application can be obtained by writing to the Graduate Management Admissions Test, Educational Testing Service, Box 899, Princeton, New Jersey 08541.)
- Two letters of recommendation written by persons (academic or professional) who are knowledgeable about the applicant's qualifications for graduate work.

NOTE: Full matriculation status will only be granted upon satisfactory fulfillment of all the admissions requirements for degree and certificate programs.

To ensure that your application is considered for the term you wish to enter as a fully accepted student, it is suggested that your application and supporting credentials be received by the follow-

ing dates: Fall Semester—August 15; Spring Semester—December 15.

Additional Requirements for International Students

In addition to the University and School of Business admissions requirements (admissions application with fee, bachelor's degree or equivalent, official transcripts, essay, and GMAT test score results), international students must submit the following credentials:

- Certified English translations of all prior academic records of studies that have been conducted in non-English speaking countries. Credentials must be certified and include all studies completed to date; grades or examination results; degrees, diplomas, or certificates earned; and length of the school year.
- Total of 550 or better on the Test of English as a Foreign Language Exam (TOEFL), or completion of Adelphi's Language Institute for English (L.I.F.E.) program level XII, unless there is a demonstrated competence while attending an American institution. (Information concerning the TOEFL exam is available from Educational Testing Service, Princeton, New Jersey 08540.)
- Declaration and certificate of finances. Applicants must file a financial affidavit before an I-20 form can be issued.

Application deadlines for international students are: Fall Semester—May 1; Spring Semester—November 1; Summer Sessions—March 1.

Admission with Advanced Degree

For students who have applied and been admitted as degree candidates to the M.B.A., M.S., or the M.B.A./C.P.A. degree programs, and who have earned a postbaccalaureate degree, course requirements may be reduced. The reduction in the number of credits will depend upon the area in which the advanced degree was earned.

Credits taken to fulfill the requirements of a previous degree cannot be used toward fulfillment of the requirements for another degree.

Other Applicants

Students Registered in Other Degree Programs at Adelphi. Graduate students officially registered in other divisions of the University may register for course work within the School of Business only if written permission from the appropriate dean, advisor, or chair is presented at the time of registration. The written permission must indicate that the course work taken within the School of Business will count toward degree requirements in the cognate program. Students registering on a continuing basis under the classification will be considered as visiting students within the School of Business.

Visiting Students. Graduate students officially registered in a business degree program at another accredited university may register for course work within the School of Business if written permission from their appropriate dean, chair, or program director is presented at registration.

Additional Information

Convenient Times and Places to Study

Class schedules have been designed to accommodate the schedules of men and women engaged in full-time careers. Courses are

offered at both the main Garden City campus and the Huntington Center. Courses for all graduate degree and certificate programs are scheduled Monday through Thursday evenings and Saturday mornings at Garden City and Huntington. Each course meets once a week. Qualified students may also select the fast-track, GOAL MBA, program option. GOAL MBA features an accelerated trimester with Saturday programming, and a choice of two study locations—the main Garden City campus, and the Huntington Center. Switching between campuses is an option in all programs.

Academic Advising

Faculty advisors and mentors are available for academic counseling through all our business programs. Students may meet with advisors from the time of first inquiry through graduation. Considering the individual's interests, desired area of specialization, and time constraints, the student and advisor together formulate a plan of study matching educational needs with the individual's career and professional goals.

Advisors/mentors schedule office hours at times convenient for their advisees. Extra hours of service are also added during each registration period.

Career Counseling

The University's Center for Career Development offers help with career decisions, taking into account both the students' interests and education and their desired salary and career path. Whether you are a young graduate student, an experienced professional seeking a career change, or someone returning to the work force, counselors will take the time to assess your interests and skills, and help you make the right decision. Annual reports, recruiting brochures, and employment guides are available as handouts or on a lending basis.

The Career Center also holds special receptions for employers and students, as well as career seminars on résumé writing and interviewing. These events are only part of an overall career strategy that the center can put together for you.

Internships

Internships are available to qualified students in some programs. Students are placed in part-time positions corresponding to their field of study and earn academic credit by completing an independent study project with a faculty advisor.

Academic Services

Students receive academic support in their course work through special tutorial sections including a mathematics review course. Computer assistants are available in the Computing Center, located on the lower level of the Business Building.

Lectures and Experts

The School of Business Distinguished Executive Lecture Series keeps students current on the latest developments in economics, banking, finance, marketing, and management.

Professional Societies for Graduate Students

The School of Business has been granted a charter for the Beta XI Chapter of Delta Mu Delta, one of the oldest national honor societies in business administration. Adelphi's Beta Mu Delta was founded in 1913. Delta Mu Delta is a member of the Association of College Honor Society.

Scholastic Requirements

Students who are accepted provisionally must maintain a 3.0 average while completing the course work specified in their letter of acceptance. Fulfillment of these conditions will result in the student being eligible for matriculation as a degree candidate. Failure to comply with the conditions of acceptance may result in dismissal from the program.

Grading System

Each candidate for a master's degree must complete all graduate course requirements with a minimum grade-point average of 2.75 on a scale of 4.00. A minimum of 2.75 is required for graduation.

A student who fails to maintain a 2.75 cumulative grade point is placed on academic probation and is subject to possible dismissal.

If the student has not withdrawn from a course, or has not completed the course requirements and made no arrangements with the instructor for an Incomplete, the instructor must issue a grade from A to F.

See the section titled "Grading System" in this *Bulletin*.

Waiver and Substitution Policy

Depending upon the student's previous academic background, waivers or substitutions for certain courses may be granted, reducing the total number of overall credits needed to complete a degree program. The Office of the Dean and chairpersons will advise as to whether the student qualifies for any course waivers or substitutions upon acceptance into a degree program.

Proficiency Examinations

Students who do not meet the criteria to be considered for course waivers and substitutions, may be granted permission to take a proficiency examination in certain specialized disciplines for *prerequisite* course requirements.

Transfer Credit Policy

A maximum of 6 graduate credits may be transferred to meet prerequisite and core course requirements provided they have been:

- Taken in an accredited graduate program;
- Completed within the last five years prior to entering Adelphi University, School of Business;
- Completed with a grade of B or better;
- Comparable in content to courses offered by the School of Business.

Minimum Course Requirements at Adelphi

M.B.A., M.S. in finance and banking, and M.S. in accounting—A minimum of 30 credits must be taken at Adelphi University.

M.B.A./C.P.A.—A minimum of 54 credits must be taken at Adelphi, with at least 30 credits taken on the graduate level.

Graduation with Distinction

Graduate degrees are awarded with distinction to outstanding graduate students who have achieved a cumulative grade-point average placing them in the top 10% of their graduating class. The cumulative grade-point average is based only on graduate courses taken at Adelphi University, School of Business.

Waiver of Academic Regulations

A student in the School of Business may request the waiver of an academic regulation by petitioning the Academic Standards Committee of the School of Business. Petitions should be addressed to the committee and filed with the Office of the Dean of the School of Business. Students are requested to discuss the matter with a member of the dean's staff prior to submitting their petitions.

COURSES OF INSTRUCTION

SCHOOL OF BUSINESS

Accounting

ACC 500 Financial Accounting 3 credits
Open to non-accounting majors only.

Designed for those with no previous courses in accounting. Introduction to measurement concepts and techniques of financial accounting. These include methods and techniques of recording, summarizing, and reporting financial data, and the problems related to income determination and asset measurement. A detailed explanation of generally accepted accounting principles is presented as a basis for the recording and reporting of financial information. Examination of the problems of income determination and resource and equity valuation.

ACC 600 Accounting for Managerial Analysis 3 credits
Open to non-accounting majors only.
Prerequisite: OPR 670.

An introduction to the information needs of management. Emphasizes the usefulness and limitations of accounting information in evaluating alternative courses of action and controlling current operations. Uses a strategic lens to examine the alignment of accounting measures with firm goals. Specific techniques and approaches utilized include operational and capital budgeting, activity-based management, value-chain analysis, and performance benchmarking.

ACC 601 Financial Statement Analysis 3 credits
Open to non-accounting majors only.
Prerequisite: ACC 500.

A review of accounting principles and concepts followed in the construction of financial statements. Examination of the techniques used in analyzing and explaining the financial reports of business corporations and other entities.

ACC 605 Tax Planning for Managers 3 credits
Prerequisite: ACC 500.

Designed to acquaint the individual who is not an accountant with the basic concepts and practices of current federal taxation with emphasis placed on the corporate viewpoint. The interrelationship of federal, state, and city income taxes is also covered.

ACC 703 Advanced Auditing 3 credits

Prerequisite: 24 undergraduate accounting credits including an auditing course.

The philosophy and concepts of auditing theory and their relationships to auditing practice. Examination of significance of the audit certificate, the ethics and responsibilities of the accounting profession, problems associated with auditing computerized systems, the significance of statistical sampling, and the function of the internal auditor.

ACC 704 Advanced Federal Taxation 3 credits

Prerequisite: 24 undergraduate accounting credits including a course in federal taxation.

A study of the Internal Revenue Code with particular emphasis on the problems of corporations and their shareholders. Considerable time is spent in the area of corporate reorganizations, multiple corporations owned by related taxpayers, and distributions of corporations to their stockholders. Other areas covered include personal holding corporations and pseudo-corporation taxation.

ACC 706 Advanced Cost Accounting 3 credits

Prerequisite: 24 undergraduate credits in accounting, including a course in cost accounting.

Examines the use of accounting information for management decision-making purposes. Particular stress is placed upon evaluating the impact of accounting systems on the motivation, behavior, and performance of both management and employees. Building on previously acquired knowledge in cost accounting, students examine techniques and procedures involved in dealing with problems of capital budgeting, return on investment, joint product allocations, economic order quantity, transfer pricing, and other highly technical areas.

ACC 707 Auditing and the Computer 3 credits

Prerequisite: 24 undergraduate credits in accounting, including a course in auditing.

Designed for accounting students. Examines automated accounting systems and the use of the computer as an aid in the auditing of such systems. Students will be involved in the creation of an accounting system to gain an appreciation of problems of definition, design and controls. The student will learn to communicate accounting requirements to computer personnel for purposes of evaluating financial information.

ACC 708 Seminar in Accounting Theory 3 credits

Prerequisite: B.B.A. in accounting or completion of 24 undergraduate accounting credits.

Discussion of current issues in accounting including statements of the Financial Accounting Standards Board. The role and views of the various national accounting societies, state societies, and other financial bodies are reviewed. Professional development, mandatory continuing education, and other proposals before C.P.A. societies are covered. Registration by permission of the instructor.

Banking

BKG 613 Credit Risk Management 3 credits
Prerequisites: ACC 500 and 601.

Rigorous analysis of credit problems faced by the banking industry such as the determination of “riskness” or “risk level” of the borrower. Comprehensive study of problem categories such as the collection of delinquent accounts, the control of individual accounts, and the risk appraisal of new credit applications, and the decision to grant or deny credit.

BKG 710 Money, Banking, and Financial Markets 3 credits
Prerequisite: ECA 520.

Reviews functions and theories of money, monetary standards, and contemporary monetary systems. Examines the process and limitations of deposit creation in the commercial banking system and the role of the central bank. Current problems in monetary and commercial bank policy are discussed.

BKG 715 International Banking 3 credits
Prerequisites: ECA 520 and BKG 710.

Analysis of the motives of banks to expand overseas and the contributions to increased profitability of an expanded banking system. Examination of the alternatives involved in a bank's decision about whether to expand abroad by means of branches of correspondent participations. Analysis of the increasing activity of banks in the Eurodollar market.

Business

BUS 651 Future Trends in Management 3 credits
Prerequisite: MGT 561.

This course will identify and describe the most important future trends. The new social, political, cultural, educational, economic, and technological forces will be explored in an increasingly interconnected world. Specific topics will include the global economy, information technologies, entrepreneurship, leadership, team-building, and strategic development.

BUS 652 Government and Public Policy 3 credits

An analysis of the role of government in the economy. An appraisal is made of the antitrust laws, the patent system and other measures designed to maintain and foster competition. Governmental views on merger action and “big business” are analyzed. Governmental programs in the form of grants, subsidies, and policies to promote economic stability are evaluated.

BUS 662 Entrepreneurship/Intrapreneurship 3 credits
Prerequisites: MGT 561, 666, and ACC 600.

Explores the theory, self-evaluation, decision-making process, risk, and reward of entrepreneurship. Students use readings, case analysis, discussion, and business plan preparation to apply their skills and knowledge to practical situations. Students learn to identify and describe strategic position, present prospects, and to formulate plans. Success stories will be presented by guest experts.

BUS 679 Strategic Management 3 credits
To be taken in the last term of student's program.

The course synthesizes the concepts and techniques developed in prior courses in order to construct a rational basis for developing business objectives and strategic plans. Actual business conditions are simulated. Cases are selected from a cross section of industries to provide a variety of experiences. Industry areas represented include both manufacturing and service oriented organizations (small, medium, and large), both public and private. Successful mastery of the subject matter requires an ability to recognize and define problems, within an economic, social, and government context; analyze financial statements; recognize marketing opportunities and develop appropriate plans; and perform those basic mathematical and statistical computations that may be required in organizing and analyzing data.

BUS 689 Persuasive Communication and Negotiation 3 credits
Prerequisite: MGT 561.

A comprehensive study and experience of the research process, this course examines the methodology of formulating and analyzing a problem, identifying and interpreting various forms of data, and of reporting findings through a major research report and oral presentations. Students are required to demonstrate their mastery of the course content by selecting a business problem and carrying out a complete research project in which they are encouraged to employ appropriate statistical and computer-assisted data analysis.

BUS 741 International Marketing and Production 3 credits
Prerequisite: MKT 580.

Analysis of problems of marketing across national boundaries, as well as those arising from marketing within a number of different national markets from the vantage point of the exporter as well as the multinational firm. The impact of cultural influences on the diverse strategies required to meet the challenges of international product policy, pricing, promotion, and distribution.

Business Law

BUS 550 Business Law I 3 credits

Fundamental principles attaching to the laws of torts, contracts, sales, and negotiable instruments analyzed to determine how they reflect and satisfy social needs.

BUS 551 Legal and Ethical Environment 3 credits

Examines the legal framework within which the organization operates. Focuses on law of contracts, sales, negotiable instruments, partnerships, bankruptcy, and consumer protection. Designed to introduce the student to teleological and deontological moral theories in the western philosophic tradition. An examination of the legal and moral dimensions of decision making within the organization. An inquiry into the major theories of philosophy with applications to business problems. Case studies are introduced and analyzed in terms of morality and social justice.

BUS 650 Business Law II 3 credits*Prerequisite: BUS 550.*

The application of the legal process and the law of contracts to the specific contracts of bailments, agency, guaranty and suretyship, insurance, partnerships, and corporations. In addition, detailed consideration is given to wills, estates, and bankruptcy.

Economic Analysis**ECA 520 Macroeconomics** 3 credits

A detailed treatment of the concept of full-employment equilibrium; determinants of consumption, investment, and government expenditure. Multiplier and accelerator analysis. Policies for full employment, price stability, and maximum growth. Designed to provide students with the tools of aggregate economic analysis and to help apply them to the decision-making process.

ECA 521 Microeconomics 3 credits*Prerequisite: OPR 507.*

Analysis of the behavior of individuals and firms under competitive conditions; price determination under perfect competition, monopoly, oligopoly, and monopolistic competition; general static equilibrium and the efficient allocation of resources. Through problem-solving, the course utilizes economic analysis to help improve the process of managerial decision-making.

ECA 720 Advanced Macroeconomic Analysis 3 credits*Prerequisite: ECA 520.*

The framework of aggregate economic history. Determination of national income and employment, consumption and savings, the money supply, investment and interest rates. Particular attention is given to the Keynesian theory and the Hicks-Hansen model. The two models are analyzed, compared, and evaluated and the effect of the alternative governmental fiscal and monetary policies is examined. Students learn how to apply theoretical analysis to current developments in economics and business.

Finance**FIN 510 Securities Markets** 3 credits

Analyzes the institutions and operations of securities markets in the United States. Topics include: the analysis of the mechanisms by which securities markets bring buyers and sellers together, establish prices, and execute transactions; the determination of transactions costs; the relationship between speculative activities and securities price movements; and the behavior of stock market prices. Particular emphasis is given to the markets for corporate equities.

FIN 630 Corporate Finance 3 credits*Prerequisites: ACC 500, OPR 670, ECA 524, and 521.*

A basic introduction to the financial environment in which corporations must operate. Topics include the nature of securities markets, financial ratio analysis, valuation of securities, and optimal asset and liability management.

FIN 644 International Business 3 credits

An overview of the unique administrative and financial problems and opportunities facing the internationally oriented firm. Examines economic strategies of exporting, licensing, contract manufacturing, joint venture, and subsidiaries. Underdeveloped as well as developed markets are considered.

FIN 712 Asset/Liability Management of Financial Institutions 3 credits*Prerequisites: ECA 520, BKG 710.*

Reviews the evolution and present structure of the domestic and global financial institutions and examines considerations involved in the management of their sources and uses of funds. Focuses on recent innovations in the management of risk in a globalized financial environment. In order to maximize the value of the institution, the financial manager must continually measure and manage effectively the interest rate risk, liquidity risk, operational risk, capital or solvency risk, and foreign exchange risk of assets and liabilities.

FIN 713 Seminar in Finance 3 credits*Prerequisites: ECA 520, FIN 630, or permission of instructor.*

An examination of domestic and global issues in banking and finance. Students are assigned research projects which are related to current issues. The nature and extent of the project(s) will be determined by the instructor and the student.

FIN 734 Building Shareholder Value Through Competitive Analysis 3 credits*Prerequisites: FIN 630, OPR 507 and 670, ACC 600.*

An intermediate level course in finance covering portfolio theory, the capital asset pricing model, option pricing, the cost of capital, capital budgeting both under conditions of certainty and uncertainty, capital structure, dividend policy, and corporate restructuring. Case studies are used extensively to illustrate the decision-making process in these areas.

FIN 736 International Finance 3 credits*Prerequisites: ECA 520, ACC 500, and FIN 630.*

Intensive analysis of the balance of payments adjustment mechanism and the international monetary system. The role of international reserves in the international payments system, adjustment under fixed and flexible exchange rates, and the use of exchange controls.

FIN 737 Advanced Topics in Finance 3 credits*Prerequisites: FIN 630, 734, OPR 507, and 670.*

Valuation of the firm: taxation, dividend policy, and valuation. Stock market: theory of asset portfolio selection, stock market equilibrium and simplified diversification methods, measurement of stock portfolio performance, theories and evidence on the statistical nature of stock price behavior. Bond market: theories and evidence on the behavior of the term-structure interest rates, studies of the primary market of municipal bonds. Other topics: management compensation and valuation of stock options, valuation of convertible securities and warrants.

FIN 738 Investment Analysis 3 credits*Prerequisites: FIN 630, OPR 507, and 670.*

Basic valuation theory covering individual companies, industries and the securities markets. Included are bond valuation and determinants of capital market rates; the appraisal of equities (preferred and common) of static, stable-growth, and super-growth firms; the role of leverage, as exemplified in convertible bonds and preferred stock, warrants, and options; and the evaluation of investment return, risk, and performance. Also examined are technical analysis and alternative methods of investment and trading, involving various holding periods. Computer applications are stressed wherever applicable.

FIN 739 Portfolio Management 3 credits*Prerequisites: OPR 507, 670, FIN 630, and 738.*

The determination and application of appropriate security selection filters. Techniques for improving and maximizing individual and institutional portfolio performance. Procedures for efficient diversification and concentration. Investment timing and forecasting via economic, monetary, fundamental, and technical indicators and procedures. Specialized portfolio practices and strategies for mutual funds, other types of investment companies, banks, savings and loan associations, casualty and life insurance companies, pension funds, foundations, educational and other non-profit institutions.

FIN 743 International Financial Management 3 credits*Prerequisites: FIN 630.*

Analysis of the financial problems, opportunities, and questions that confront the management of international firms. Exploring forecasting in the foreign environment, multinational capital budgeting, affiliate financial structures, and managing international funds movements.

Hospital Health Care**HHM 771 Hospital and Health Care Policy and Management** 3 credits*Prerequisite: MGT 561.*

Emphasis on hospital management. Policy-making by community, boards of trustees, medical staff, government, financial intermediaries, and the use of consumerism in the policy process.

HHM 772 Organization of Systems for Delivery of Health Care 3 credits*Prerequisite: MGT 561.*

Deals with alternative methods of health care delivery and problem conditions imposed externally and internally in effective compliance; health maintenance organizations, health care corporations, group practices, clinic (free standing as well as for-profit or taxpayer facilities), proprietary, governmental agencies and hospitals, community health groups, union clinics, health related facilities; homes for the aged and infirm, nursing homes, and other health care facilities.

HHM 773 Health Resources and Manpower Management 3 credits*Prerequisite: MGT 561.*

The utilization of manpower, its management and direction. Manpower direction is viewed from an operational resource stance rather than that of personnel administration. Course deals with operational performance of individuals, services, and departments and the measurement and levels of quality of performance.

HHM 774 Legal Aspects of Health Care 3 credits*Prerequisite: MGT 561.*

Principles of law and administrative regulations in their application to health care agencies, institutions and organizations. Obligations of administrative staff, top management, governing bodies, medical staff, employees, and attending (but not employee) medical staff in health care situations.

HHM 776 Hospital and Health Care Finance 3 credits*Prerequisite: ACC 500.*

Fiscal problems in hospital and health care management. Financial reporting, hospital controls, budget making and controls, cash flow, information systems required for management evaluation of alternative courses of action in managing the affairs of hospitals and health care organizations; methods of financing health care operations and construction; effect of financing methods on patient care; the fiscal structure of hospitals and the relationship to various health care delivery systems.

Human Resource Management**HRM 568 Human Resource Management** 3 credits*Prerequisite or corequisite: MGT 561.*

This course will initially survey the roots and rationale of the development of personnel administration as an increasingly important function of organizational management. It will particularly emphasize a pragmatic study of current policies, goals, functions, principles, and practices of personnel departments in private and public organizations.

HRM 762 Human Resource Planning and Policy 3 credits*Prerequisite or corequisite: MGT 561.*

This course covers the conceptual and legal issues as well as the major legislation underlying the development of policies in the area of human resource management. Topics include when, why, and how policies should be written. The course will also cover the development and application of human resource planning and the staffing process—recruitment, assessment, and selection of operating and managerial personnel. Interdependency of policy and planning will be examined relative to other human resource activities.

HRM 763 The Executive Personality: Theory and Assessment 3 credits*Prerequisite or corequisite: MGT 561.*

Applies personality theory to managers and executives and inquires into the so-called management/executive personality syndrome. Heavy emphasis is placed on executive selection-interviewing. Students are trained in interviewing skills, in listening carefully, interpreting objectively, and feeding back. Students are required to do extensive reporting of interview results.

HRM 765 Developing World Class Human Resources 3 credits*Prerequisite: MGT 561.*

Select, develop, retain, promote, and compensate high-performance employees. Appreciate the special rewards and challenges of developing such employees on a global scale.

HRM 766 Performance Appraisal and Compensation Administration 3 credits*Prerequisite or corequisite: MGT 561.*

Methods of performance appraisal of operating and managerial personnel and methods of conducting performance reviews will be examined. Emphasis will also be placed on designing and implementing appraisal review systems. The course will examine the rationale and methods of establishing and administering compensation programs. It will also present techniques for developing job analysis and job evaluations and methods of constructing a wage and salary structure. Interdependency of performance appraisal review system and compensation administration will be examined relative to other human resource activities.

Management**MGT 561 Management Theory/Organizational Behavior** 3 credits

Examines the rationale underlying the methods of designing the structure of organizations, the functions of management, and research findings from the behavioral sciences that serve as a foundation for understanding how people relate. Topics include various managerial functions including planning, organizing, staffing and control. The course focus also includes organizational socialization, needs and motivation bureaucracy, and organizational change. The primary goal is to assist students in developing a basic understanding of essential and effective processes of management and human relations in administration.

MGT 660 Industrial Relations 3 credits*Prerequisite: MGT 561.*

An examination of government's role in the development of sound policies, principles, and practices of labor and industrial relations. The employment needs and goals of employees are examined to appraise policies, procedures, and programs utilized by management. Focus will be on changing patterns in the employment relationship, collective bargaining procedures, strikes, and impasse machinery. Interdependency of labor and industrial relations will be examined relative to other human resource activities.

MGT 666 Leadership and Innovation in Complex Systems 3 credits*Prerequisite: MGT 561.*

Leadership is presented from both a theoretical and practical point of view. Since there is no comprehensive theory of leadership, the major theories will be studied: trait theory, behavioral theory, contingency theory, and transformational leadership. Several topics are intertwined with leadership but will be studied as independent topics: power, motivation, and management style. Leadership has many practical aspects. Some of those that will be covered are: stress, dealing with corporate culture, and gender and race issues.

MGT 770 Management of Technology 3 credits*Prerequisite: OPR 573.*

Focuses on the technology-strategy relationship in technology-based corporations. Emphasis is placed on the role technology exerts on the growth and survival of a corporation in the market place. The relationship between innovation, new product development, and technology is examined. The impact of technology on the integration of product design, manufacturing, quality control, human resources, and environment is studied.

MGT 791 Management Styles and Team Building 3 credits*Prerequisite: MGT 561.*

Effective management of oneself and others requires an open mind and continual effort to develop and maintain meaningful understanding of major evolving theories. This course has been designed to provide a deeper understanding of the behavioral dimensions of management. Emphasis will be placed upon developing a pragmatic grasp of the concepts, principles, and practices of participative management.

Marketing**MKT 580 Marketing Management** 3 credits

Deals with managerial strategies and decisions as they relate to the marketing function and includes such topics as product pricing, distribution channels and promotion policy. Attention is focused on concepts involved in the total marketing process including the role of consumer demographics, psychographics, product development, and research, as well as international marketing and the ethical and legal environment. Case studies will be utilized.

MKT 582 Creative Problem Solving 3 credits*Prerequisite: MKT 580.*

The purpose of the course is to help develop in the student a general openness to experience from both without and within; a toleration for ambiguity, confusion, and disorder; the strong disposition to be independent rather than conforming; an ability to solve both simple and complex problems imaginatively; and a philosophy of creative living where the emphasis is on doing by effecting improved relationships or conditions in the life of man. Techniques such as synectics, brainstorming, lateral thinking, creative calisthenics, and imaginative will be explored.

MKT 680 Sales Promotion and Direct Marketing 3 credits*Prerequisite: MKT 580.*

The course will expose students to the history as well as to the current status and future direction of direct marketing. Fields covered will include database marketing/management, telemarketing, list management, direct mail, and fulfillment, in addition to recent developments such as the Internet and interactive video.

MKT 780 Marketing Research 3 credits*Prerequisites: OPR 507, 670, and MKT 580.*

Examines critically the skills and attitudes required to specify, amass, and utilize marketing information as a basic rationale for problem-solving in marketing management. Emphasis on the fields of knowledge that are making contributions to the understanding of marketing behavior: psychology, sociology, and cultural anthropology.

MKT 781 Sales Management 3 credits*Prerequisite or corequisite: MKT 580.*

Focuses directly on the management of a sales force. Areas of study include key components such as strategic sales force management; organizing, staffing, and training a sales force; directing sales force operations; sales planning; and evaluating the sales force.

MKT 782 Advertising Management 3 credits*Prerequisite: MKT 580.*

An analysis of the entire field of advertising in a managerial context. Examines principal areas of concern to the advertising executive who is responsible for the creation, implementation, and evaluation of advertising strategy. Topics include: formation of objectives in campaign planning, media planning, budgetary control, research, and the administration of the creative climate. The case method is used.

MKT 785 New Product Management 3 credits*Prerequisites: OPR 507, 670, and MKT 580.*

New product development is studied as a continuous and planned activity within the firm requiring permanent organizational status. Subject matter includes the meaning, importance, and forms of new products, corporate objectives and planning for new products, organization of the new product activity, activities in each stage of new product development, and the process of new product adoption by consumer.

MKT 787 Consumer Behavior 3 credits*Prerequisite: MKT 580.*

Reviews the basic tenets of behavior theory and demonstrates how it can yield increased understanding of consumer behavior. Theories of learning, motivation, perception, personality, and group processes are among those reviewed and applied to consumer behavior.

Operations**OPR 070 Tutorial in Mathematical Models** 0 credits*Students who have insufficient background in mathematics should consider taking this course prior to OPR 507.*

Oriented toward gradual development of each student's quantitative skills. Topics include: factoring, algebraic fractions, simplification of algebraic expression, graphical concepts, solutions to simultaneous equations, and some word problem concepts.

OPR 501 Computer Applications 3 credits

Detailed introduction to concepts of business computing. Designed to provide business and non-business majors with the techniques and information necessary to use the computer as a problem solving tool. A fourth generation data base language is utilized. Focus is on the computer's role in business—present and future.

OPR 507 Mathematics for Managers 3 credits*See OPR 070.*

Designed to assist students in understanding the use of quantitative techniques and models in management decision making. Management interpretation is discussed for certain applications. Topics include elements of algebra; break-even model; linear programming; matrices; differential and integral calculus concepts; optimization applications; and introductory probability concepts.

OPR 573 Management Information Systems 3 credits*Prerequisites: OPR 501 and 507, OPR 670.*

An introductory course on the graduate level of business-oriented computer applications and techniques. Designed to impart the concepts and constraints necessary for guiding, understanding and communicating with data processing personnel. System objectives, hardware, programming, feasibility, installation, planning, organization control, and evaluation review on a conceptual level. A simple system application will be developed and run on the computer.

OPR 670 Statistical Methods 3 credits*Prerequisites: OPR 501 and 507.*

How to approach the solution of business problems by the use of statistical decision-theory. Problems translated into statistical terms. Among topics presented: identifying statistical population; specifying decision parameters; sample selection; mathematical probability; use of sampling data to measure probabilities of unknown population values; estimating and testing problems; data flow. Also to be considered: comparative experiments and their statistical design; analysis of variance; linear regression and correlation analysis theory; time series theory and applications; index number construction and use.

OPR 675 Total Quality Management 3 credits

Prerequisite: MCT 561.

Introduction to the philosophy and techniques of Total Quality Management (TQM). TQM is the systematic analysis of the performance and dysfunctions of an organization with the goal of improving quality, timeliness, and productivity. Topics include: making TQM a company-wide strategy in the administrative, marketing, and technical areas; Quality Function Deployment as a method of satisfying customers by translating their demands into design targets and quality assurance points; technical measurements of process quality, such as quality control charts; and managing human quality performance and employee involvement.

OPR 678 Best Practices, Operations, and TQM 3 credits

Prerequisites: OPR 501, 507, and 670, ACC 600

Understand the best management practices from product design, production, distribution, and collection of funds, i.e; through the whole order to remittance chain. Apply best practice analysis to services, financial, and manufacturing sectors

Note: Courses and descriptions are subject to change in any semester. Courses may be offered at either Garden City or Huntington.

IV

SCHOOL OF
EDUCATION

School of Education

Harvey Hall 130

Elaine Sands, *Dean*

Diane Caracciolo, *Associate Dean*

Professors

Gary Barrette

Judith Cohen

Ronald S. Feingold

Monica Homer

Menahem Less

Florence L. Myers

Robert Otto

C. Roger Rees

Pierre Woog

Associate Professors

Joan Callahan

Stephen A. Cavallo

Ellen Kowalski

H. Robert Perez

Lawrence J. Raphael

Carole S. Rhodes

Elaine S. Sands

Yula Serpanos

Dale T. Snauwaert

Stanley Snegroff

Devin Thornburg

Stephen Virgilio

Assistant Professors

Brett Elizabeth Blake

Janet Ficke

Leah Fiorentino

Josephine Galliher

Esther Kogan-Frenk

Susan Lederer

Robert Linne

Jacqueline McDonald

Anne Mungai

Molly Quinn

Shirley Steinberg

Shannon Whalen

Julian Wilder

Visiting Professor

Dennis Parsons

Clinical Faculty

Felix Berman

Francine Cuccia

Diana Muxworthy Feige

Anita Frey

Carol Lynn Kearney

Stephen Lieberman

Edith Markel

Edward Marlatt

Rose Valvezan

John Wygand

Professional Philosophy

The School of Education has played an essential role in the preservice and in-service preparation of teachers and allied professionals both in suburban Long Island as well as in New York City. The School is organized into three major departments of Education Studies; Communication Sciences and Disorders; and Health Studies, Physical Education and Human Performance Sciences. These departments offer a wide range of programs leading to certification in elementary and secondary education, special education, TESOL and bilingual education, literacy, physical and health education, and speech and communication disorders. All programs include an integration of theory based understanding of the relevant teaching professions and clinical practice in a diversity of settings. In this regard the School has developed partnerships with school districts that provide experiential opportunities for the development of students' professional practice as well as forging University-School partnerships that aid the educational mission of public and private schools and other educational and human service institutions.

Important Information

The New York State Department of Education is in the process of changing all certificates for teacher education. Every program in the Department of Education Studies will be affected by these changes. Students who will graduate in or after 2004 will have to meet the requirements for the new certificates. Certificate programs in education studies (including elementary, secondary, special education, TESOL, literacy, and bilingual) are currently being revised to meet the new regulations. Please be aware that the programs in this *Bulletin* will be changing in order to qualify graduates for the new N.Y. State certificates. We will make every effort to keep all students aware of programmatic changes.

Programs of Study

- I. Master of Arts Programs in Elementary Education
 - A. Master of Arts in Early Childhood and Elementary Education, Pre-K–6
 - B. Master of Arts in Elementary Teachers, Pre-K–6
- II. Master of Arts Programs in Secondary Education Fields
 - A. Art K–12
 - B. Biology 7–12
 - C. Chemistry 7–12
 - D. English 7–12
 - E. Mathematics 7–12
 - F. Physics 7–12
 - G. Spanish 7–12
 - H. Social Studies 7–12
- III. Master of Arts in Teaching English to Speakers of Other Languages (TESOL) In-Service and Precertification
- IV. Master of Science and Extension Programs in Bilingual Education
 - A. Master of Science in Bilingual Education
 - B. Bilingual Extensions to Childhood, Adolescent, Special Education, and Communication Sciences and Disorders Degree Programs
- V. Master of Science and Advanced Certificate Programs in Literacy
 - A. Master of Science—Literacy Teacher
 - B. Master of Science—Literacy Teacher—Certification in both Literacy and Special Education
 - C. Professional Diploma—Literacy Teacher
 - D. Advanced Certificate—Whole Language
- VI. Master of Science Programs in Special Education In-service and Precertification
 - A. Master of Science—Special Education for School Age Learners
 - B. Master of Science in Early Childhood Special Education
 - C. Master of Science in Special Education for School Age Learners and Childhood Education Pre-K–6
 - D. Master of Science in Early Childhood Special Education and Childhood Education
- VII. Master of Arts and Advanced Certificate Programs in Health Studies
 - A. Master of Arts—Health Teacher K–12
 - B. Master of Arts—Community Health Education
 - C. Advanced Certificate in Community Health Education
- VIII. Master of Arts and Advanced Certificate Programs in Physical Education and Human Performance Science
 - A. Master of Arts—Physical Education Teacher K–12
 - Specializations:
 - Adapted Physical Education
 - Exercise Physiology
 - Sports Management
- IX. Master of Science and Doctor of Arts Programs in Communication Sciences and Disorders
 - A. Master of Science in Communication Disorders
 - Specializations:
 - Speech/Language Pathology
 - Audiology
 - B. Master of Science in Deaf Studies
 - C. Doctor of Arts in Communication Disorders
- X. Certificate Programs (12–15 credits)
 - A. Educational Assessment
 - B. English Language Teaching
 - C. Whole Language
 - D. Middle School Extensions
- XI. Teaching Internships

Education Studies

Dale T. Snauwaert, *Department Chair*
Mary Botta, *Coordinator of Advisement*

The department of education studies is comprised of graduate teacher preparation programs in childhood and adolescent education, special education, literacy, TESOL, and bilingual education. All of these programs, with the exception of literacy, have both precertification and in-service components. Students with undergraduate majors in a liberal arts or science should apply for admission into a precertification program. Students who hold a valid, unexpired New York State teaching certificate in one of the above areas should apply for admission into one of our in-service programs, including the M.S. in literacy. The programs in the Department of Education Studies are registered with the New York State Department of Education to recommend provisional and permanent teacher certification in the certificate title for which the degree is awarded. All students should apply for certification through Adelphi University in the semester during which they plan to complete graduation requirements.

Grading Policies

The following grading policies apply to all students enrolled in the department of education studies:

1. Students must maintain a B average. If a student receives a grade of C+ or less in a course, it must be counterbalanced with a grade of A. Upon receiving a grade of C+ or less, students will receive a letter of warning from the department chair.
2. Any student who receives a second C+ or less will be put on academic probation and blocked from further registration until receiving academic clearance from an advisor.
3. Any student who receives three grades of C+ or less during graduate work will be dismissed from the program.
4. Upon receiving a grade of C+ or less, students are responsible for notifying and arranging to meet with an advisor.

**The M.A. in Early Childhood
and Childhood Education
(Precertification Program)
and Elementary Teachers N–6
(In-Service Program)**

The Master of Arts in elementary education is divided into two distinct course sequences: an in-service program for students currently holding provisional certification in New York State, and a precertification program for students beginning their professional preparation. Upon application to the program, students' records will be evaluated and they will be advised of their appropriate course of study.

Precertification Program

(36 credits for M.A. plus 6 additional credits for student teaching)

Students are expected to have completed, as part of their undergraduate work, Adelphi's New York State liberal arts certification requirements. These requirements are: a 36-credit liberal arts and sciences major; 6 credits in social sciences, 6 credits in English, 3 credits in mathematics, 3 credits in natural science, and one year in a language other than English.

Upon admission to the program, students will receive an evaluation of any deficiencies. Students with deficiencies must complete them prior to student teaching and application for New York State certification. It is the student's responsibility to send official transcripts for courses taken elsewhere to the School of Education, Office of Academic Services. All liberal arts undergraduate prerequisite courses must have been completed with grades of C or better to be credited toward certification.

Please note: the department of education studies will not waive student teaching. All students in the precertification program must complete one of the clinical components described in this section in order to graduate.

Foundations Core (12 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 607	Cognition and Teaching
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 780	Educational Research

Curriculum and Methods Core (15 credits)

EDU 621	Curriculum Development and Issues
EDU 626	Integrated Science, Math, and Technology I, N–6
EDU 627	Reading and Literacy N–6
EDU 628	Integrated Science, Math, and Technology II, N–6
EDU 629	Social Studies, Literature, and the Arts N–6

Liberal Arts (3 credits)

EDU 552	The Philosophical Foundations of Education: Bridging Theory and Practice
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OR

Graduate course in College of Arts and Sciences

Clinical Component

(12 credits taken concurrently)

EDU 502	Reflective Practice Seminar in Early Childhood and Elementary Education
EDU 531	Student Teaching in Early Childhood and Elementary Education

OR

EDU 760–761	Elementary Internship/Student Teaching (2 semester sequence for students in Internship Program)
EDU 544	Reading and Methods Practicum

Clinical Component for Working Teachers

(6 credits taken concurrently)

For students who are currently teaching full-time in an early childhood or elementary classroom, the degree requires the following 6 credits to total 36:

EDU 544	Literacy and Methods Practicum
EDU 532	Practicum in Early Childhood and Elementary Education

Certification Seminars (0 credits)

EDU 611	Child Abuse Seminar
EDU 900	NYSTCE Review Course

In-Service Program (33 credits for M.A.)**Required Core** (12 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 621	Curriculum Development and Issues
EDU 780	Educational Research
EDU 800	Master's Seminar in Special Education and Inclusive Settings

Area of Concentration

(12–15 credits)

With the approval of the chair, program director and/or faculty advisor, students may choose from a combination of the following, but at least two courses must be taken in any one area.

- Bilingual Education
- Early Childhood Special Education
- Foundations of Education
- Health Studies
- Liberal Arts and Sciences
- Middle School Education
- Reading
- Secondary Education
- Special Education
- TESOL
- Whole Language

Education Electives (3–6 credits)**Liberal Arts Elective** (3 credits)

EDU 552	The Philosophical Foundations of Education: Bridging Theory and Practice (if not taken in undergraduate program)
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OR

Graduate course in College of Arts and Sciences

The M.A. in Secondary and Art Education (Precertification and In-Service)

Dale T. Snauwaert, *Program Chair*

The Secondary Education Program is designed for both provisionally certified secondary teachers and liberal arts graduates seeking certification in the following areas: English, Spanish, social studies, biology, chemistry, physics, mathematics, and art (K–12). The Master of Arts in secondary education program is divided into two distinct course sequences: an in-service program for students currently holding provisional certification in New York State, and a precertification program for students beginning their professional preparation.

Upon application to the program, students' records will be evaluated and they will be advised of their appropriate course of study.

Students in the areas of Health, Physical Education, or Speech Pathology should pursue their master's degrees in their respective departments. Please consult an advisor in the Communication Sciences and Disorders, or Physical Education, Health and Human Performance Science Departments.

Precertification Program

(36 credits for M.A. plus 6 credits—student teaching)

Students are expected to have completed, as part of their undergraduate work, all subject area requirements in the field they wish to teach. These requirements are: art (36 credits); biology (36 credits in science with at least 18 in biology); chemistry (36 credits in science with at least 18 in chemistry); English (36 credits in English); mathematics (36 credits in mathematics, excluding computer science, including two courses in calculus); physics (36 credits in sciences with at least 18 in physics); social studies (36 credits in the social sciences, excluding psychology, with at least 15 credits in history, including two courses in U.S. history and two courses in Western civilization); Spanish (36 credits); and one year of a language other than English. Precertification students must have a B or better average in their subject for admission into this program.

Upon admission to the program, students will receive an evaluation of any deficiencies. Students with deficiencies must complete them prior to student teaching and application for New York State certification. It is the student's responsibility to send official transcripts for courses taken elsewhere to the School of Education, Office of Academic Services.

Please note: The department of education studies will not waive student teaching. All students in the precertification program must complete one of the clinical components described in this section to graduate.

Foundations Core (18 credits)

EDU 552	The Philosophical Foundations of Education: Bridging Theory and Practice
EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 603	Adolescent Psychology

EDU 607	Cognition and Teaching
EDU 635	Secondary School Reform: Problems and Prospects
EDU 780	Educational Research

Curriculum and Methods Core (6 credits)

EDU 510–518	Curriculum and Methods of Instruction in Secondary Education and Special Subjects (select one)
EDU 510	Curriculum and Methods of Instruction: Art
EDU 511	Curriculum and Methods of Instruction: English
EDU 512	Curriculum and Methods of Instruction: Languages
EDU 513	Curriculum and Methods of Instruction: Mathematics
EDU 516	Curriculum and Methods of Instruction: Physical Education
EDU 517	Curriculum and Methods of Instruction: Science
EDU 518	Curriculum and Methods of Instruction: Social Studies
EDU 621	Curriculum Development and Issues

Graduate Courses in Teaching Field or Related Fields (9 credits)

Clinical Component

(9 credits taken concurrently)

EDU 503	Reflective Practice Seminar in Secondary Education
EDU 530	Student Teaching in Secondary Education and Special Fields
OR	
EDU 762–763	Internship Student Teaching Secondary Schools (2 semester sequence for students in Internship Program)
OR	

EDU 540 Student Teaching in Art
Education

Clinical Component for Working Teachers
(3 credits)

For students who are currently teaching full-time in a secondary 7–12 or art classroom, the degree requires the following 3 credits to total 36:

EDU 535 Practicum in Secondary
Education and Special
Fields

Certification Seminars (0 credits)

EDU 611 Child Abuse Seminar
EDU 900 NYSTCE Review Course

In-Service Program (33 credits for M.A.)

Required Core (15 credits)

EDU 601 The Historical, Social, and
Moral Foundations of
Education
EDU 621 Curriculum Development
and Issues
EDU 635 Secondary School Reform:
Problems and Prospects
EDU 780 Educational Research
EDU 800 Master's Seminar in Special
Education and Inclusive
Settings

**Area of Concentration in Teaching Field
or Related Fields** (12–15 credits)

Electives (3–6 credits)

EDU 552 The Philosophical
Foundations of Education:
Bridging Theory and Practice
(if not taken in undergraduate
program)

OR

Selected Education or
Teaching Field Electives

The M.A. in TESOL

(Teaching English to Speakers of Other
Languages)

Eva Roca, *Program Director*

The 33–36 credit Master of Arts in TESOL is divided into two programs: an in-service program for students currently holding provisional New York State certification, and a precertification program for students beginning their professional preparation. All precertification students must complete a 12-credit core of professional education prerequisite courses, unless these are waived by approved undergraduate equivalents.

Upon admission to the TESOL program, students will receive an evaluation reflecting any deficiencies in the liberal arts and sciences. Students with deficiencies will be advised to fulfill them prior to student teaching and application for New York State certification. The student must submit to the Records Secretary copies of official transcripts of courses registered elsewhere. Specific testing requirements for this certificate are available in the NYSTCE test booklet found in the School of Education offices. Please refer to the certification section of this bulletin for additional program requirements.

Overview of the Program: In-Service

(33-36 credits for M.A.)

Required Courses

ESL Professional Core (15 credits)

EDU 543	TESOL I: Developing the Language Arts Skills
EDU 642	Foundations of Bilingual Education: Theory and Practice
EDU 644	ESL in the Content Areas
EDU 720	Evaluation and Testing in ESL and Bilingual Education
EDU 721	Theories of Second Language Acquisition

Related Courses (9 credits)

ANT 514	Language and Culture
ENG 629	History of the English Language
LIN 601	Structural Linguistics or any other Linguistics course

OR

SPH 602	Speech and Language Development
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Education Requirements (6 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 780	Educational Research

Clinical Component (3–6 credits)

EDU 700	Practicum in TESOL (3 credits)
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OR

EDU 719	Supervised Student Teaching and Seminar in TESOL (3 credits)
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OR

EDU 722	Supervised Student Teaching and Seminar in TESOL (6 credits)
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Required Seminars (0 credits)

EDU 611	Child Abuse Seminar
EDU 900	NYSTCE Review Course

Overview of the Program: Precertification

(33–36 credits with 12 credits prerequisite)

Students in this program must complete the entire in-service program cited above in addition to the following four prerequisite courses:

EDU 607	Cognition and Teaching
EDU 626	Integrated Science, Math, and Technology I, N–6
EDU 627	Reading and Literacy N–6
EDU 629	Social Studies, Literature, and the Arts N–6

Recommended Electives

These courses may serve as substitutes for anyone who has previously completed any of the required courses at the undergraduate or graduate level.

EDU 627	Reading and Literacy N–6
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 698	Understanding Elementary School Children with Learning and Behavior Problems
EDU 776	Introduction to Whole Language Philosophy: Theory into Action
EDU 779	Methodology: Strategies for Whole Language Teaching
ANT 635	Cultural Anthropology

The M.S. in Bilingual Education

Eva Roca, *Program Director*

In order to enroll in the 33-credit Master of Science program in bilingual education, students must already hold a provisional New York State certificate in elementary education, special education, or one of the following secondary content

areas: biology, Spanish, English, mathematics, physics, chemistry, social studies.

This program consists of 24 credits in bilingual education. In addition, students must choose 9 credits in the professional and clinical components of the base certificate area. All majors will need to complete the required bilingual clinical practice experience.

Specific testing requirements for the bilingual extension are available in the NYSTCE test booklet found in the School of Education offices. Please refer to the certification section of this bulletin for additional program requirements.

Overview of the Program

(33 credits for M.S. program)

Bilingual Education Component for Childhood, Adolescent, or Special Education Teachers (24 credits)

EDU 543	TESOL I: Developing the Language Arts Skills
EDU 641	Methods and Materials in Bilingual Education
EDU 642	Foundations of Bilingual Education: Theory and Practice
EDU 643	Methods and Materials of Teaching Reading and the Language Arts in the Bilingual Classroom
EDU 720	Evaluation and Testing in ESL and Bilingual Education
ANT 514	Language and Culture
SPA 531	Caribbean Culture and Civilization
LIN 601	Structural Linguistics
<i>OR</i>	
SPH 602	Speech and Language Development

Childhood Education:

Professional Education Component

(6 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 780	Educational Research

Clinical Component (3 credits)

EDU 505	Bilingual Elementary Education Practicum
<i>OR</i>	
EDU 527	Bilingual Elementary Education Student Teaching

Adolescent Education:

Professional Education Component

(6 credits)

EDU 635	Secondary School Reform: Problems and Prospects
EDU 780	Educational Research

Clinical Component (3 credits)

EDU 507	Bilingual Secondary Education Practicum
<i>OR</i>	
EDU 528	Bilingual Secondary Education Student Teaching

Special Education:

Professional Education Component

(6 credits)

EDU 780	Educational Research
EDU 800	Master's Seminar in Special Education and Inclusive Settings

Clinical Component (3 credits)

EDU 509	Bilingual Special Education Practicum
<i>OR</i>	
EDU 529	Bilingual Special Education Student Teaching

Bilingual Extension Programs for Noncertified Students in Elementary, Secondary, and Special Education

Elementary Education

Precertification (51–54 credits)

Students at the beginning of their professional training in elementary education should enroll in the precertification M.A. program. Specific testing requirements for the bilingual extensions in elementary, secondary, and special education are available in the NYSTCE test booklet found in the School of Education offices. Please refer to the certification section of this bulletin for additional program requirements.

Foundation Core (12 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 607	Cognition and Teaching
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 780	Educational Research

Curriculum and Methods Core (12 credits)

EDU 626	Integrated Science, Math, and Technology I, N–6
EDU 627	Reading and Literacy N–6
EDU 628	Integrated Science, Math, and Technology II, N–6
EDU 629	Social Studies, Literature, and the Arts N–6

Bilingual Education Extension for

Elementary Education Majors (24 credits)

EDU 543	TESOL I: Developing the Language Arts Skills
EDU 641	Methods and Materials in Bilingual Education
EDU 642	Foundations of Bilingual Education: Theory and Practice

EDU 643	Methods and Materials of Teaching Reading and the Language Arts in the Bilingual Classroom
EDU 720	Evaluation and Testing in ESL and Bilingual Education
ANT 514	Language and Culture
SPA 531	Caribbean Culture and Civilization
LIN 601	Structural Linguistics
<i>OR</i>	
SPH 602	Speech and Language Development

Clinical Component (3 or 6 credits)

EDU 505	Bilingual Elementary Education Practicum
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OR

EDU 735	Elementary Education Student Teaching in a Bilingual Setting
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In-Service (33–36 credits)

Students currently holding provisional certification in New York State should enroll in the in-service M.A. program, which is revised for the student seeking the bilingual extension as follows:

Secondary Education – Bilingual Extension

Students at the beginning of their professional training in secondary education should enroll in the precertification M.A. degree in the secondary area of specialization (biology, Spanish, English, mathematics, physics, chemistry and social studies). In order to qualify for the 15-credit bilingual extension, the student must complete requirements for secondary certification. Only 9 of the 15 credits may be applied towards the precertification M.A. in secondary education. In-service M.A. degree applicants may complete the 15-credit certificate in its entirety since the extension may be considered as an area of concentration.

**Bilingual Education Extension
Requirements for Secondary Education
Majors** (15 credits)

EDU 543	TESOL I: Developing the Language Arts Skills
EDU 641	Methods and Materials in Bilingual Education
EDU 642	Foundations of Bilingual Education: Theory and Practice
EDU 643	Methods and Materials of Teaching Reading and Language Arts in the Bilingual Classroom
SPA 531	Caribbean Culture and Civilization

Clinical Component (3–6 credits)

EDU 507	Bilingual Secondary Education Practicum (3 credits)
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OR

EDU 528	Bilingual Secondary Education Student Teaching (3 credits)
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OR

EDU 736	Bilingual Secondary Education Student Teaching (6 credits)
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Special Education – Bilingual Extension

Bilingual students at the beginning of their professional training in special education should enroll in the M.S. in Special Education for School Age Learners with a concentration in bilingual education. In order to qualify for the bilingual extension, the student must complete certification in special education and follow the 15-credit course sequence outlined below:

**Bilingual Education Extension for
Special Education Majors** (15 credits)

EDU 543	TESOL I: Developing the Language Arts Skills
EDU 641	Methods and Materials in Bilingual Education

EDU 642	Foundations of Bilingual Education: Theory and Practice
EDU 643	Methods and Materials of Teaching Reading and Language Arts in the Bilingual Classroom
SPA 531	Caribbean Culture and Civilization

Clinical Component (3 or 6 credits)

EDU 509	Bilingual Special Education Practicum (3 credits)
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OR

EDU 529	Bilingual Special Education Student Teaching (3 credits)
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OR

EDU 728	Bilingual Special Education Student Teaching (6 credits)
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**Advanced Certification
Extension Programs in
Bilingual Education**

**Bilingual Teacher of the Speech
and Hearing Handicapped**

Susan Lederer, *Coordinator*

**Advanced Bilingual Extension for Teachers
of the Speech and Hearing Handicapped**

The 15-credit Advanced Certificate in speech-language pathology leads to the bilingual extension to the Teacher of the Speech and Hearing Handicapped (TSHH) certification. It is intended for bilingual master's degree students in speech-language pathology and practicing professionals. Individuals who do not already hold TSHH certification must complete the requirements for both TSHH and the Bilingual Extension simultaneously. Candidates will be required to pass the language proficiency assessments in both English (ELPA) and the tar-

get language (TLPA) of the New York State Teacher Certification Examination.

Bilingual Education Extension

Core Requirements: (12 credits)

EDU 543	TESOL I: Developing Language Arts Skills
EDU 641	Methods and Materials in Bilingual Education
EDU 642	Foundations of Bilingual Education: Theory and Practice
SPH 675	Clinical Practicum in Bilingual Speech-Language Pathology

Liberal Arts Requirement

(Choose one of the following):

SPA 531	Caribbean Culture and Civilization
ANT 514	Language and Culture
ANT 635	Cultural Anthropology

Bilingual School Social Work

Post-Master 's Bilingual Extension for School Social Workers

The 16-credit Advanced Certificate leading to the Bilingual Certification Extension is intended for bilingual individuals who hold an M.S.W. Candidates for this Advanced Certificate will be required to pass the New York State Teacher Certification Exam's language proficiency assessments in both English (ELPA-N) and the target language (TLPA).

Bilingual School Social Work

Certification Requirements:

EDU 641	Methods and Materials in Bilingual Education
EDU 642	Foundations of Bilingual Education: Theory and Practice

SWK 728	Social Work with Children and Adolescents
SWK 743	Sociocultural, Racial, and Ethnic Perspectives in Social Work
SWK 792	Bilingual-Bicultural Internship (4 credits)

The M.S. and Professional Diploma Programs in Literacy

Carole S. Rhodes, *Program Chair*

The M.S. in Literacy

(36 credits)

This program is designed to offer an integrated, theoretically grounded view of literacy and literacy learning that addresses the needs of students and teachers in diverse communities. To this end we aim to facilitate rigorous scholarship and research; contextualized learning and service in school and community settings; and opportunities for critical reflection on the role of literacy in society and our responsibilities as educators. This program is designed to enhance the professional preparation of classroom teachers as literacy specialists and to prepare them for leadership roles as campus or school district literacy program coordinators or directors. Completion of the coursework will lead to New York State certification as Literacy Specialist (currently titled "Reading Teacher").

This program is designed to enhance the professional preparation of classroom teachers, interventional literacy teachers, clinicians, supervisors, and directors or coordinators of literacy in school districts. Those students completing the program of study will be recommended for certification as a literacy teacher (currently titled "Reading Teacher," K-12).

In order to meet the new New York State mandates, the program is being revised. New course descriptions and requirements will be available in all education offices. Students who complete

the current program and graduate by January 2004 will be under the current New York State regulations. Admission to this program requires prior NYS teaching certification.

The Center for Literacy Studies

Carole S. Rhodes, *Director*

The Center for Literacy provides an important practicum component for graduate students enrolled in the literacy programs. Under the supervision of our clinic faculty, students have the opportunity to strengthen their ability to assess and address the literacy needs of children. All graduate students must complete two semesters of practicum in the Literacy Center in order to qualify for New York State Certification in Literacy. Practicum courses may not be waived. Garden City students must take their practicum courses at the Center for Literacy on the Garden City campus.

Specific Requirements for All Majors in Literacy

Required Courses in Literacy (30 credits)

Theory and Research Foundations (12 credits)

- | | |
|---------|---|
| EDU 710 | Literacy and Research: Inquiry I (<i>should be taken first</i>) |
| SPH 602 | Principles of Language Development |
| EDU 653 | Literacy and Culture |
| EDU 795 | Literacy and Research: Inquiry II (replaces EDU 752 in spring 2001) |
- Students must have completed a minimum of 24 credits prior to registering for this course.*

Methodological Foundations (12 credits)

Please note: The following courses must be taken in order.

- | | |
|---------|--|
| EDU 750 | Assessing and Addressing Literacy Needs I (formerly "Diagnosing Reading Problems of Exceptional Learners") |
|---------|--|

- | | |
|---------|--|
| EDU 751 | Assessing and Addressing Literacy Needs II (formerly "Treating Reading Problems of Exceptional Learners") |
| EDU 753 | Practicum in Literacy I (formerly "Case Studies in Reading Practicum")
<i>Requires permission of Program Chair</i> |
| EDU 754 | Practicum in Literacy II (formerly "Case Studies in Reading Practicum")
<i>Requires permission of Program Chair</i> |

Age Related Foundations (6 credits)

- | | |
|---------|---|
| EDU 793 | The Reading Writing Connection (replaces Edu 650 in spring 2001) |
| EDU 520 | Literacy in the Middle and Secondary School (replaces EDU 651 in spring 2001) |

Electives (6 credits)

Select two courses from the following choices:

- | | |
|---------|---|
| EDU 545 | Children's Literature |
| EDU 521 | Literature for Young Adults (begins spring 2001) |
| EDU 776 | Introduction to Whole Language |
| EDU 758 | Assessment and Evaluation in Literacy Development |
| EDU 779 | Methodology: Strategies for Balanced Literacy (formerly "Strategies for Whole Language Teaching") |
| EDU 777 | Summer Institute in Literacy (formerly "Whole Language Summer Institute") |

Additional choices by advisement

Note: Students enrolled in the Master of Science in Reading prior to fall 2000 should substitute the appropriate courses in the above curriculum. Please speak to an advisor. There will be no additional credit requirements for

graduation incurred if students in the former program graduate prior to February 2, 2004.

Advanced Certificate in Literacy (Professional Diploma)

To obtain an Advanced Certificate in Literacy, applicants must hold a master's in education from a recognized college or university. The professional diploma program is registered by the New York State Department of Education to meet academic requirements for certification as a Reading Teacher K-12. Please note, credits are not accepted for transfer into the professional diploma program.

Required Courses in Literacy (30 credits)

EDU 710	Literacy and Research: Inquiry I (<i>should be taken first</i>)
SPH 602	Principles of Language Development
EDU 653	Literacy and Culture
EDU 793	The Reading Writing Connection (replaces EDU 650 in spring 2001)
EDU 520	Literacy in the Middle and Secondary School (replaces EDU 651 in spring 2001)
EDU 750	Assessing and Addressing Literacy Needs I (formerly "Diagnosing Reading Problems of Exceptional Learners")
EDU 751	Assessing and Addressing Literacy Needs II (formerly "Treating Reading Problems of Exceptional Learners")
EDU 753	Practicum in Literacy I (formerly "Case Studies in Reading Practicum") <i>Requires permission of Program Chair</i>
EDU 754	Practicum in Literacy II (formerly "Case Studies in

Reading Practicum")

Requires permission of Program Chair

EDU 795

Literacy and Research:

Inquiry II (replaces EDU 752 in spring 2001) *Students must complete a minimum of 24 credits before registering for this course.*

Note: Students enrolled in the Professional Diploma in Reading prior to fall 2000 should substitute the appropriate courses in the above curriculum. Please speak to an advisor. There will be no additional credit requirements for graduation incurred if students in the former program graduate prior to February 2, 2004.

Dual Major (Double Certification) Literacy/Special Education

Students earn a master's degree in literacy and are eligible for New York State certification in both literacy and special education. This 48 credit program is only open to students who already hold provisional certification in a teaching field.

Required Courses in Literacy (21 credits)

EDU 710	Literacy and Research: Inquiry I (<i>should be taken first</i>)
EDU 793	The Reading Writing Connection (replaces Edu 650 in spring 2001)
<i>OR</i>	
EDU 520	Literacy in the Middle and Secondary School (replaces Edu 651 in spring 2001)
EDU 750	Assessing and Addressing Literacy Needs I (formerly "Diagnosing Reading

	Problems of Exceptional Learners")	EDU 678	Classroom Management
EDU 751	Assessing and Addressing Literacy Needs II (formerly "Treating Reading Problems of Exceptional Learners")	EDU 679	Families, Cultures, and Children: Understanding Children with Special Needs
EDU 753	Practicum in Literacy I (formerly "Case Studies in Reading Practicum") <i>Requires permission of Program Chair</i>	EDU 770	Designing Instruction for Learners with Mild and Moderate Disabilities
EDU 754	Practicum in Literacy II (formerly "Case Studies in Reading Practicum") <i>Requires permission of Program Chair</i>	EDU 771	Individual Evaluation in Special Education
EDU 795	Literacy and Research: Inquiry II (replaces EDU 752 in spring 2001) <i>Students must complete a minimum of 24 credits before registering for this course.</i>	EDU 800	Master's Seminar in Special Education and Inclusive Settings

Clinical Component (3 credits)

EDU 732 Student Teaching in Special Education

OR

EDU 734 Practicum in Special Education

OR

Special Education Elective if student teaching is waived.

Note: Students enrolled in the Master of Science in Reading and Special Education prior to Fall 2000, should substitute the appropriate literacy courses above where appropriate in their Reading Core. Please speak to an advisor. There will be no additional credit requirements for graduation incurred if students in the former program graduate prior to February 2, 2004.

Required Courses in Special Education

(24 credits)

EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 698	Understanding Elementary School Children with Learning and Behavior Problems
OR	
EDU 680	Understanding Adolescents with Learning and Behavior Problems
EDU 676	Student Assessment and Educational Testing

Whole Language Certificate

(15 credits)

The Adelphi whole language program is a graduate-level program leading to the Adelphi Certificate in Whole Language. The training provides teachers, including master's degree candidates, with the opportunity to develop and expand their knowledge of whole language. The course of study relates the philosophy of whole language as it influences classroom practices. Pre-service candidates are required to take a master's degree in education as a prerequisite for the program. The award of the Whole Language Certificate requires the completion of 15 credit hours in prescribed whole language courses with a minimum average grade of B. A satisfactorily completed teacher-researcher project is also required.

EDU 776	Introduction to Whole Language Philosophy: Theory into Action <i>(Prerequisite to all courses;</i>
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may be taken concurrently with other whole language courses, under advisement.)

EDU 545	Children's Literature N-6
EDU 758	Assessment and Evaluation in Literacy Development
EDU 777	Whole Language Summer Institute: Examining Current Issues
EDU 779	Methodology: Strategies for Whole Language Teaching

Master of Science Programs in Special Education

Carole Rhodes, *Program Chair*

Special education is a dynamic field dedicated to the realization of human potential. It is the mission of the special education programs to facilitate the development of values, attitudes, and professional knowledge required of educators who work proactively to induce change, as well as reactively in response to emerging social needs and educational issues.

Four master's degree programs in special education are offered. Both the M.S. in special education for school age learners and the M.S. in early childhood special education lead to New York State certification in special education. Each of these programs has a precertification track for students holding a bachelor's degree in an area other than elementary and/or special education and an in-service track for those students already provisionally or permanently certified in one of these areas. In addition, both master's programs offer the opportunity for interested students to work toward the New York State Bilingual Education Extension to Special Education. (See the Bilingual Education section in this *Bulletin* for further information.)

Two M.S. programs lead to dual certification in special education and elementary education. These programs are open to students possessing a bachelor's degree in an area other than education.

Prior course work must be analyzed to determine any need for prerequisite study in the liberal arts.

The M.S. in Special Education for School Age Learners— Precertification and In-Service Programs

(33–36 credits, excluding prerequisite courses)

Before degree candidacy may be declared, holders of an undergraduate degree in an area other than elementary education must enroll in the following five courses, if they have not been part of earlier education:

EDU 601 The Historical, Social, and Moral Foundations of Education

OR

EDU 642 Foundations of Bilingual Education: Theory and Practice

EDU 607 Cognition and Teaching

EDU 626 Integrated Science, Math, and Technology I N-6

EDU 627 Reading and Literacy N-6

OR

EDU 643 Methods and Materials of Teaching Reading and Language Arts in the Bilingual Classroom

EDU 900 NYSTCE Review Course (0 credits)

In-service students (those holding provisional certification in a teaching field) are not required to take the above prerequisite courses, and begin with the following special education core:

Required Special Education Core

(24 credits)

EDU 670 Special Education: Current Interpretations and Historical Origins

EDU 680 Understanding Adolescents with Learning and Behavior Problems

OR

EDU 698	Understanding Elementary School Children with Learning and Behavior Problems
EDU 676	Student Assessment and Educational Testing
EDU 678	Classroom Management
EDU 679	Families, Cultures, and Children: Understanding Children with Special Needs
EDU 770	Designing Instruction for Learners with Mild and Moderate Disabilities
EDU 771	Individual Evaluation in Special Education
EDU 800	Master's Seminar in Special Education and Inclusive Settings

Additional Requirements (6 credits)

EDU 780	Educational Research
SPH 602	Speech and Language Development
EDU 611	Child Abuse Seminar (0 credits)

Clinical Component (3–6 credits, see advisor)

EDU 732	Student Teaching in Special Education
<i>OR</i>	
EDU 734	Practicum in Special Education
<i>OR</i>	
EDU 733	Student Teaching: Special Methods and Practice in Elementary Education and Special Education (6 credits)

**The M.S. in Early Childhood Special Education—
Precertification and
In-Service Programs**

(36–39 credits, excluding prerequisite courses)

Teaching young children with special needs requires knowledge and skills to meet a wide range of disabling conditions and levels of severity. The curriculum develops an understanding of medical and health problems, knowledge of appropriate physical and technological adaptations, and the ability to work with parents and family. Field experiences are integrated with course work.

Holders of an undergraduate degree in an area other than elementary education must enroll in the following five courses, if they have not been part of earlier education:

EDU 601	The Historical, Social, and Moral Foundations of Education
<i>OR</i>	
EDU 642	Foundations of Bilingual Education: Theory and Practice
EDU 607	Cognition and Teaching
EDU 626	Integrated Science, Math, and Technology I, N–6
EDU 627	Reading and Literacy N–6
<i>OR</i>	
EDU 643	Methods and Materials of Teaching Reading and Language Arts in the Bilingual Classroom
EDU 900	NYSTCE Review Course (0 credits)

In-service students (those holding provisional certification in a teaching field) are not required to take the above prerequisite courses, and begin with the following special education core.

Please note: the department of education studies will not waive student teaching. All students in a special education program must complete one of the clinical components described in this section in order to graduate.

Required Special Education Core

(27 credits)

EDU 667	Research and Practice in Early Childhood Special Education
EDU 668	Curriculum and Methods for Young Children with and without Disabilities
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 679	Families, Cultures, and Children: Understanding Children with Special Needs
EDU 690	Child Development in Diverse Populations: Birth–Age 5
EDU 691	Team Collaboration
EDU 773	Assessment in Early Childhood for Children with and without Special Needs
EDU 774	Early Intervention: Children with Disabilities, Birth–Age 2
EDU 800	Master’s Seminar in Special Education and Inclusive Settings

Additional Requirements (6 credits)

EDU 780	Educational Research
SPH 602	Speech and Language Development
EDU 611	Child Abuse Seminar (0 credits)

Clinical Component (3–6 credits, see advisor)

EDU 732	Student Teaching in Special Education
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OR

EDU 734	Practicum in Special Education
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OR

EDU 733	Student Teaching: Special Methods and Practice in Elementary Education and Special Education
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**The M.S. in Special Education for School Age Learners and Childhood Education—
Dual Certification (51 credits)**

This program is offered to students who wish to become certified in both special education and elementary pre-K–6 education. Although no previous course work in education is required, students are expected to have completed, as part of their undergraduate work, Adelphi’s New York State liberal arts certification requirements. These requirements are a 36-credit liberal arts and sciences major; 6 credits in social sciences; 6 credits in English, 3 credits in mathematics, 3 credits in natural science, and one year in a language other than English.

Upon admission to the program, students will receive an evaluation of any deficiencies. Students with deficiencies must complete them prior to student teaching and application for New York State certification. It is the student’s responsibility to send official transcripts for courses taken elsewhere to the School of Education, Records Secretary. All liberal arts undergraduate prerequisite courses must have been completed with grades of C or better to be credited toward certification.

Required Special Education Core

(24 credits)

EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 680	Understanding Adolescents with Learning and Behavior Problems
<i>OR</i>	
EDU 698	Understanding Elementary School Children with Learning and Behavior Problems
EDU 676	Student Assessment and Educational Testing
EDU 678	Classroom Management

EDU 679	Families, Cultures, and Children: Understanding Children with Special Needs
EDU 770	Designing Instruction for Learners with Mild and Moderate Disabilities
EDU 771	Individual Evaluation in Special Education
EDU 800	Master’s Seminar in Special Education and Inclusive Settings

Required Elementary Education Core
(21 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 607	Cognition and Teaching
EDU 626	Integrated Science, Math, and Technology I N–6
EDU 627	Reading and Literacy N–6
EDU 776	Introduction to Whole Language Philosophy: Theory into Action
EDU 780	Educational Research
EDU 621	Curriculum Development and Issues
<i>OR</i>	
EDU 628	Integrated Science, Math, and Technology II N–6
<i>OR</i>	
EDU 629	Social Studies, Literature, and the Arts N–6

Clinical Component (6 credits)

EDU 733	Student Teaching: Special Methods and Practice in Elementary Education and Special Education
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Non-Credit Seminars (0 credits)

EDU 611	Child Abuse Seminar
EDU 900	NYSTCE Review Course

The M.S. in Early Childhood Special Education and Childhood Education—Dual Certification
(54 credits)

This program is offered for students seeking dual certification and an emphasis on teaching young children with special needs. Although no previous course work in education is required, students are expected to have completed, as part of their undergraduate work, Adelphi’s New York State liberal arts certification requirements. These requirements are a 36-credit liberal arts and sciences major; 6 credits in social sciences; 6 credits in English, 3 credits in mathematics, 3 credits in natural science, and one year in a language other than English.

Upon admission to the program, students will receive an evaluation of any deficiencies. Students with deficiencies must make these up prior to student teaching and application for New York State certification. It is the student’s responsibility to send official transcripts for courses taken elsewhere to the School of Education, Records Secretary. All liberal arts undergraduate prerequisite courses must have been completed with grades of C or better to be credited toward certification.

Required Special Education Core
(27 credits)

EDU 667	Research and Practice in Early Childhood Special Education
EDU 668	Curriculum and Methods for Young Children with and without Disabilities
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 679	Families, Cultures, and Children: Understanding Children with Special Needs
EDU 690	Child Development in Diverse Populations: Birth—Age 5
EDU 691	Team Collaboration

EDU 773	Assessment in Early Childhood for Children with and without Special Needs
EDU 774	Early Intervention: Children with Disabilities, Birth—Age 2
EDU 800	Master’s Seminar in Special Education and Inclusive Settings

Required Childhood Education Core

(18 credits)

EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 607	Cognition and Teaching
EDU 626	Integrated Science, Math, and Technology I N–6
EDU 627	Reading and Literacy N–6
EDU 776	Introduction to Whole Language Philosophy: Theory into Action
EDU 780	Educational Research

Additional Requirement (3 credits)

SPH 602	Speech and Language Development
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Clinical Component (6 credits)

EDU 733	Student Teaching: Special Methods and Practice in Elementary Education and Special Education
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Non-Credit Seminars (0 credits)

EDU 611	Child Abuse Seminar
EDU 900	NYSTCE Review Course

Health Studies, Physical Education and Human Performance Science

Ronald S. Feingold, *Chair*

The Department of Health Studies, Physical Education and Human Performance Science offers the Master of Arts degrees in school health education, community health education and physical education with special programs in adapted physical education, exercise physiology, sports management, and coaching. In addition, the department offers post-master’s, advanced studies certificate programs in physical education and in community health education.

Health studies, physical education and human performance science as fields of inquiry draw upon a variety of disciplines within the arts and sciences and professional education. In seeking to promote quality of life, these fields consider research and societal issues as they affect wellness, lifestyle management, and prevention of diminished qualities of living. Programs of study embrace both the school and community, the young and old, the ill and well, and the athlete and nonathlete.

Students with a Baccalaureate in Disciplines Other Than Health Studies and Physical Education

Although the baccalaureate in health studies or physical education is recommended for admission to candidacy, it is not required. When candidates have a deficiency in their academic background, they may be required to complete additional courses.

Twelve credits in professional education courses plus supervised student teaching (or one year of teaching experience) are also required if a candidate desires New York State teacher certification.

The M.A. in Health: Teacher “K–12” (36 credits)

Candidates for the Master of Arts in school health education should have an undergraduate background in health or health-related areas. Where deficient in the following areas, candidates are required to complete course work in addition to the requirements of the graduate pro-

gram: human biology (anatomy and physiology), human growth and development (child or adolescent psychology), and health-related courses.

Course Requirements for the Health Teacher “K–12” Program *

Core Courses (15 credits)
(Prerequisites for school health education courses)

HED 601	Contemporary Health Issues
HED 603	Mind/Body Dimensions in Health
HED 604	Aspects of Human Sexuality
HED 605	Issues in Community Health
EDU 780	Educational Research

School Health Education Courses

(12 credits)

HED 650	Health and Cultural Diversity
HED 701	Substance Abuse Prevention
HED 702	Intervention Techniques for Health Educators
HED 703	Dynamics of Teaching Health

Electives (Health or Health-related)

(9 credits)

* Certain courses may be waived at the department’s discretion and replaced by electives approved by the department.

The M.A. in Community Health Education (37 credits)

The Master of Arts in community health education is a 37-credit program designed to prepare community health education specialists.

This program prepares students to meet the expanding need for health education professionals capable of working with the community in a variety of public, private, and professional settings.

Course Requirements for the Community Health Education Program *

Core Courses (12 credits)
(Prerequisites for community health courses)

HED 601	Contemporary Health Issues
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HED 603	Mind/Body Dimensions in Health
HED 605	Issues in Community Health
EDU 780	Educational Research

Community Health Courses (16 credits)

HED 650	Health and Cultural Diversity
HED 654	Mass Communication in Health
HED 703	Dynamics of Teaching Health
HED 750	Community Health Education: Planning and Implementation
HED 751	Fieldwork Internship in Community Health Education

Electives (Health or Health Related)

(9 credits)

General Electives in Health

HED 505	Multidimensional Aspects of Stress
HED 506	Health and Nutrition
HED 520	Special Topics
HED 620	Special Topics in Health Education
HED 621	Teaching Human Sexuality

* Certain courses may be waived at the department’s discretion and replaced by electives approved by the department.

Advanced Certificate Program in Community Health Education

(19–28 credits)

This advanced certificate program is designed to give students who have already attained a master’s degree in health studies or related fields the opportunity to specialize in community health education.

Entrance Requirements

Completion of a master’s degree in health education or related field.

Required Courses (19 credits)			
HED 605	Issues in Community Health	PED 550	Workshops in Physical Education (special physical education, exercise physiology, or sports management)
HED 650	Health and Cultural Diversity		
HED 654	Mass Communication in Health		
HED 703	Dynamics of Teaching Health	PED 620	Clinical Aspects of Work Physiology
HED 750	Community Health Education: Planning and Implementation	PED 621	Laboratory Investigation in Work Physiology
HED 751	Fieldwork Internship in Community Health Education	PED 623	Adult Fitness Programming
		PED 624	Nutrition and Physical Activity
Elective Courses (9 credits)		PED 625	Medical Aspects of Sport
Pertinent to the area of community health education.		PED 626	Theories of Exercise Prescription
The number of credits required in the certificate program is 28; however, a student may be exempted from up to 9 credits, depending on previous graduate experience.		PED 628	Cardiac Rehabilitation
		PED 630	Psychology of Sport
		PED 632	Introduction to Sports Management
		PED 636	Athletic Administration
		PED 637	Organization and Administration in Physical Education
Master of Art “K–12” Physical Education (33 credits)		PED 638	Sport in American Culture
Students must complete 12 credits of required courses and 21–24 credits of electives based on area of concentration. (See advisor for program of studies.)		PED 639	Introduction to Sports Law
		PED 643	Movement Experience for Elementary School Children
		PED 651	Seminar in Current Issues in Physical Education
Required Courses (9–12 credits)		PED 652	Curriculum Analysis
PED 650	Research and Design of Experiments	PED 658	Neuromuscular Aspects of Human Performance
PED 653	Motor Learning		
PED 654	Biomechanics	PED 670	Physical Education for the Developmental and Learning Disabled
PED 656	Teaching Analysis		
Electives in Physical Education or Other Fields (21–24 credits)		PED 671	Physical Education for the Exceptional Child
PED 500	Organization and Principles of Coaching	PED 673	Evaluation of Special Populations
PED 501	Scientific Foundations of Coaching	PED 676	Physical Education Recreation for the Physically Disabled
PED 502	Care and Prevention of Injuries	PED 680	Advanced Topics in Physical Education
PED 505	Professional Seminar	PED 792	Internship

PED 794, 795	Field Work: Physical Education for the Developmental and Learning Disabled
PED 796, 797	Field Work: Physical Education for the Physically Disabled
PED 799	Advanced Practicum in Physical Education
LES 600	Perspectives in Leisure/Recreation Management
LES 650	Issues in Leisure/Recreation
LES 670	Leisure/Recreation Facilities Management
LES 690	Research Methods in Leisure/Recreation

Specializations

Adapted Physical Education

(36 credits)

The department offers a course of study leading to an M.A. “K–12” degree in physical education with a specialization in adapted physical education. The program is designed to prepare teachers for working with the special student (mentally and/or physically disabled) in the outdoor, pool, or gymnasium environments. Besides receiving an M.A. in physical education, the graduate of the program will receive a Certificate in Adapted Physical Education from Adelphi University. Students who already have a master’s degree in physical education may wish to obtain the certificate without pursuing another degree. In this case, the student is required to complete the specialization requirements (minimum 15 credits).

Required Core (12 credits)

PED 650	Research and Design of Experiments
PED 652	Curriculum Analysis
PED 653	Motor Learning
PED 656	Teaching Analysis

Required Adapted Specialization

(18 credits)

PED 670	Physical Education for the Developmental and Learning Disabled
PED 671	Physical Education for the Exceptional Child
PED 672	Physical Education for the Physically Challenged
PED 673	Evaluation of Special Populations
PED 680	Advanced Topics in Physical Education (Motor Development and/or Sensory Improvement)
PED 792	Internship

Electives (6 credits)

PED 550	Workshops in Physical Education
PED 676	Physical Education Recreation for the Physically Disabled
PED 680	Advanced Topics in Physical Education: Innovative Activity Programming
EDU 667	Research and Practice in Early Childhood Special Education
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 675	Understanding Students with Severe Disabilities
EDU 678	Classroom Management
EDU 680	Understanding Adolescents with Learning and Behavior Problems
EDU 682	Counseling Parents of Exceptional Children

Exercise Physiology (36 credits)

Optional emphasis in adult fitness/cardiac rehabilitation, research, or sports medicine. (See advisor for specific program of studies.)

Prerequisites (6 credits)

PED 461	Kinesiology
PED 463	Physiology of Exercise

Core (15 credits)

PED 618	Advanced Exercise Physiology I
PED 619	Advanced Exercise Physiology II
PED 620	Clinical Aspects of Work Physiology
PED 623	Adult Fitness Programming
PED 650	Research and Design of Experiments

Emphasis (9–15 credits)

PED 550	Workshops in Physical Education
PED 621	Laboratory Investigation in Work Physiology
PED 624	Nutrition and Physical Activity
PED 626	Theories of Exercise Prescription
PED 628	Cardiac Rehabilitation

Electives (3–9 credits)

Besides courses listed above, additional electives follow:

PED 550	Workshops in Physical Education Foot Injuries Back Injuries Exercise Prescription Special Populations Administrative Corporate Fitness Fitness Law Pulmonary Function
PED 625	Medical Aspects of Sport
PED 654	Biomechanics
PED 658	Neuromuscular Aspects of Human Performance
PED 680	Advanced Topics in Physical Education: Sports Medicine

Internship (3 credits)**Sports Management** (36 credits)

Optional emphasis in the school/college or professional/business sector.

Core Courses (12 credits)

PED 632	Introduction to Sports Management
PED 638	Sport in American Culture
PED 650	Research and Design Experiments
PED 680	Computer Applications

Sports Management Electives (9–15 credits)

PED 500	Organization and Principles of Coaching
PED 630	Psychology of Sport
PED 636	Athletic Administration
PED 637	Organization and Administration in Physical Education
PED 639	Introduction to Sports Law
PED 680	Advanced Topics in Physical Education: Sport Marketing, Sport and Media, Public Relations
LES 670	Leisure/Recreation Facilities Management

Business Electives (3–9 credits)

BUS 651	Future Trends in Management
BUS 662	Entrepreneurship
MGT 561	Management Theory/Organizational Behavior
MGT 666	Leadership
MGT 770	Management of Technology
MKT 580	Marketing Management
MKT 582	Creative Problem Solving

Internship (3–6 credits)

Graduate Alternative Teacher Education (GATE) Program

(60 credits)

Degree program for those who wish teacher certification but do not have an undergraduate degree in physical education.

Specialization Core (42 credits)

PED 461	Kinesiology
PED 463	Physiology of Exercise
PED 495	Sport Foundations and Techniques I
PED 495	Sport Foundations and Techniques II
PED 495	Tumbling and Gymnastics
PED 495	Dance and Rhythms
PED 505	Professional Seminar
PED 643	Movement Experience for Elementary School Children
PED 650	Research and Design of Experiments
PED 652	Curriculum Analysis
PED 653	Motor Learning
PED 671	Physical Education for the Exceptional Child
PED 680	Advanced Topics in Physical Education: School Fitness Education
PED 790	Internship

Education Foundations (18 credits)

EDU 516	Curriculum and Methods of Instruction: Physical Education
EDU 536	Student Teaching in Physical Education
EDU 601	The Historical, Social, and Moral Foundations of Education
EDU 607	Cognition and Teaching
EDU 635	Secondary School Reform: Problems and Prospects
PED 656	Teaching Analysis

Special Workshops (noncredit)

Drug Abuse, Child Abuse, First Aid Certificate
First Aid and CPR or PED 467 is required prior to PED 790 and/or EDU 536.

NOTE: Evaluation of and credit for comparable course work may reduce certification credits needed; however, an M.A. degree requires a minimum of 33 credits in 500/600 level courses. EDU 536 Student Teaching does not count towards the M.A. degree.

Physical Education Certificate in Advanced Studies

Fifteen credits beyond the master's degree, 6 of which must be in approved advanced courses. (This is an Adelphi certificate.)

Communication Sciences and Disorders

Stephen A. Cavallo, *Chair*

Through its graduate programs in speech-language pathology, audiology, and deaf studies, the department offers advanced education and training in normal communication processes; disorders of speech, language, and hearing; and assessment and intervention strategies for disorders of human communication. The department of communication sciences and disorders offers a Master of Science degree in the areas of communication disorders (speech-language pathology/audiology) and deaf studies.

The program provides students with the academic education and clinical experiences leading to an M.S. degree, New York State licensure, and the Certificate of Clinical Competence (CCC) awarded by the American Speech-Language and Hearing Association. The department also offers the additional course work and student teaching experiences required for New York State certification as a Teacher of the Speech and Hearing Handicapped (TSHH) and the Bilingual Extension to the TSHH.

Our graduates are employed in a variety of settings, including hospitals, rehabilitation centers, clinics, schools, universities, and private practice.

The department offers one of the few professional doctorates in communication disorders in the country. The Doctor of Arts program is designed to prepare professionals to assume leadership roles in the discipline such as clinical administrators and supervisors, university teachers, and clinical researchers.

Hy Weinberg Center for Communication Disorders

Bonnie Soman, *Director*

Supervised clinical experiences and research are conducted at Adelphi University's Hy Weinberg Center for Communication Disorders. The Center serves children and adults with a variety of communication problems. Students enrolled in the M.S. degree program participate in a wide range of clinical activities, including diagnostic evaluations and both individual and group therapeutic intervention.

Housed at the Hy Weinberg Center for Communication Disorders are state-of-the-art laboratories containing instrumentation systems for the evaluation of speech and hearing. These laboratories enhance the quality of research, clinical training, and services provided at the Center. Student clinical training emphasizes the application of current theoretical principles to the organization and administration of clinical procedures.

Master's Degree Programs in Communication Sciences and Disorders

The M.S. degree in communication disorders is designed to provide academic and practicum experiences basic to the development of clinical competence in the evaluation, diagnosis, and treatment of disorders in speech, language, and hearing. Students may choose a concentration in either speech-language pathology or audiology.

All applicants to the Master's degree program in communication disorders must take the Graduate Record Examination. Students admitted to the M.S. degree program in communication disorders who did not have adequate undergraduate preparation are required first to complete a minimum of 21 credits in the undergraduate prerequisite courses listed below or their equivalent as approved by the department. All

Master's level students accepted provisionally pending completion of undergraduate prerequisite courses must receive grades of B or better in all prerequisite courses in order to matriculate. These prerequisite courses should be taken at Adelphi. If a prerequisite course needs to be taken at another institution, the student must obtain prior approval from his or her academic advisor.

SPE 138	Sound and the Auditory Mechanism
SPE 140	Anatomy and Physiology of the Speech Mechanism
SPE 142	Phonetics
SPE 144	Development of Speech and Language
<i>OR</i>	
SPH 602	Speech and Language Development
SPE 350	Speech Pathology I
<i>OR</i>	
SPE 351	Speech Pathology II
<i>AND</i>	
SPE 352	Clinical Audiology
SPE 355	Observation of Speech and Hearing Rehabilitation and Diagnostic Evaluations

All students must take academic coursework at the program site (i.e., the Manhattan Center or the main campus in Garden City) to which they were admitted. (Exceptions are granted only with prior approval of the student's academic advisor.) Students enrolled at the Manhattan Center may be required to take their in-house clinical practica in Garden City.

All students are expected to acquaint themselves with department and University requirements and regulations (see Graduate Student Advisement Manual) and to consult closely with their academic advisors in order to fulfill both academic and practicum requirements leading to the Certificate of Clinical Competence of the

American Speech-Language-Hearing Association and New York State licensure.

The Master's program in communication disorders is a 56-credit program that is accredited in both speech-language pathology and audiology by the Council on Academic Accreditation of the American Speech-Language Hearing Association.

Students must complete a series of supervised clinical practica, both at the Hy Weinberg Center for Communication Disorders and in at least two of our outside clinical facilities. Students must earn a grade of B- or better in SPH 660 prior to enrolling in an outside practicum. During their course of study, students are limited to one outside clinical placement during the summer session. All students should expect to do their outside placements during daytime hours. For students whose undergraduate education did not include supervised clinical practice, it may be necessary to enroll in additional clinical practica in order to meet the clock hour requirements mandated by the American Speech-Language-Hearing Association. Audiology students complete several in-house practicum assignments (per consultation with the student's academic advisor).

In addition to the course work and practica requirements for the M.S. degree, students must attend the Hy Weinberg Memorial Lecture Series offered each semester on the Garden City campus. Notification of dates of the lecture series will be available at the beginning of each semester; it is the responsibility of the students to attend these lectures.

Students concentrating in audiology should be aware that audiology courses may be offered during the first summer session and that it will be necessary to take the courses at these designated times.

To be eligible for graduation, Master's level students must pass a departmental comprehensive examination, which is offered three times yearly (during the fall, spring, and summer semesters). Applications for this examination

must be approved by the student's academic advisor. Students must complete all required academic course work during the semester in which they sit for the comprehensive examination.

Grading Policies

Academic Courses

The following grading policies apply to all students enrolled in M.S. degree programs:

1. If a student earns two grades of C (C+, C, or C-) within the first 24 credits of graduate course work (SPH courses), the student will be dismissed from the program.
2. If a student earns a second grade of C (C+, C, or C-) after the first 24 credits of graduate academic course work (SPH courses), the student will be required either to retake one of the courses in which a grade of C was earned or take an additional 3 credit academic course, to be determined by the student's academic advisor. The student must earn a grade of B- or better in this course.
3. If a student earns any additional grades of C (C+, C, or C-) in graduate academic course work (SPH courses), the student will be required to retake those courses or take an additional 3-credit academic course, to be determined by the student's academic advisor. The student must earn a grade of B- or better in these courses.
4. If a student earns a grade of F in a graduate course, the student will be dismissed from the graduate program. Appeal procedures can be obtained from the department.

Grading policies 1-3 above exclude courses taken outside of the Department of Communication Sciences and Disorders, and any 500 level courses within the Department. If a student receives a grade of C (C+, C, or C-) or F, the student is responsible for notifying and arranging to meet with his or her academic advisor.

Students must maintain a B average in academic course work.

Clinical Practicum

1. If a student earns a practicum grade of C (C+, C, or C-) the practicum must be repeated, and a grade of B- or better earned. A second grade of C (C+, C, or C-) will result in dismissal from the graduate program.
2. If a student earns a grade of F in a practicum course, the student will be dismissed from the graduate program. Appeal procedures can be obtained from the department.
3. Letter grades are assigned for the following clinical practicum courses: SPH 660, 666, 667, and 668.
4. The following clinical practicum courses are graded on a Pass/Fail basis: SPH 661, 662, 663, 664, 665, and 669.

The M.S. in Communication Disorders: Concentration in Speech-Language Pathology (56 credits)

Required Courses

SPH 600	Speech and Hearing Science
SPH 603	Language Disorders in Children I
SPH 605	Advanced Aural Rehabilitation
SPH 606	Advanced Clinical Audiology I
SPH 610	Speech Disorders in Children
SPH 611	Motor Speech Disorders
SPH 613	Advanced Speech Science
SPH 620	Fluency Disorders
SPH 624	Language Disorders in Adults
SPH 630	Voice Disorders
SPH 634	Diagnostic Procedures in Speech-Language Pathology
SPH 636	Dysphasia: Evaluation and Management
SPH 638	Language Disorders in Children II
SPH 646	Oral Motor Function of the Developmentally Delayed Child
SPH 660	Clinical Practice in Speech-Language Pathology

SPH 661	Clinical Practice in Speech-Language Pathology
SPH 662	Clinical Practice in Speech-Language Pathology
SPH 666	Clinical Practice in Diagnostics
SPH 667	Clinical Practice in Diagnostics
SPH 668	Clinical Practice in Speech-Language Pathology or Audiology
SPH 670	Research Seminar in Speech-Language Pathology and Audiology
SPH 671	Clinical Seminar in Speech-Language Pathology

The M.S. in Communication Disorders: Concentration in Audiology (53 credits)

Required Courses

SPD 601	Amplification Systems
SPD 604	Language Development of Deaf/Hearing Impaired
SPH 600	Speech and Hearing Science
SPH 603	Language Disorders in Children I
SPH 605	Advanced Aural Rehabilitation
SPH 606	Advanced Clinical Audiology I
SPH 607	Advanced Clinical Audiology II
SPH 609	Psychoacoustics and Instrumentation
SPH 640	Differential Diagnosis of Auditory Disorders I
SPH 641	Differential Diagnosis of Auditory Disorders II
SPH 642	Advanced Sensory Aids
SPH 644	Pediatric Audiology
SPH 660	Clinical Practice in Audiology
SPH 661	Clinical Practice in Audiology
SPH 662	Clinical Practice in Audiology
SPH 663	Clinical Practice in Audiology

SPH 668	Clinical Practice in Speech-Language Pathology or Audiology
SPH 670	Research Seminar

Master's Degree Program: Concentration in Deaf Studies

Traditionally, professionals working with the deaf and hearing impaired have had a background emphasizing education with additional coursework in speech and hearing. Adelphi University has created an innovative program that combines education with speech and hearing, psychology, and the social sciences so that the student may become a more successful and competent professional.

Students who complete the academic and practical experiences and who fulfill department and University requirements will be prepared to function independently in their professional areas of specialization. They will also be eligible for permanent certification for the Teacher of the Deaf and Hearing Impaired and will have completed the requirements for the Master of Science degree.

Prerequisite course work and/or experiences will be programmed to provide students with the basic foundation needed to work with the hearing impaired. Students entering the master's program in deaf studies are required to satisfy any deficiencies before becoming eligible for degree candidacy.

Although full-time graduate study is encouraged, it is possible to pursue the Master of Science degree in all department programs on either a full- or part-time basis.

Course Requirements

Prerequisites for the deaf studies program include:

SPE 144	Development of Speech and Language
SPE 352	Clinical Audiology

Education courses by advisement.

A student will be required to complete a 36–40-credit program leading to the Master of Science degree. See advisor for specific program of study.

SPD 521**	Beginning ASL Sign Language
SPD 522**	Intermediate ASL Sign Language
SPD 523**	Advanced ASL Sign Language
SPD 528	Technology in Deaf Education
SPD 600	Auditory Disorders
SPD 601	Amplification Systems
SPD 604	Language Development of Deaf/Hearing Impaired
SPD 605	Aural Habilitation of Deaf/Hearing Impaired
SPD 610	Adapting Elementary Education Instructional Methods for Deaf/Hearing Impaired
SPD 611	Adapting Intermediate Instructional Methods for Deaf/Hearing Impaired
SPD 620	Perspectives on Deafness
SPD 621	Approaches to Teaching the Multiple Disabled Deaf/Hearing Impaired
SPD 630	Student Teaching
SPD 631	Student Teaching
SPD 640	Supervision and Administration in Deaf Education

** Sign language requirements can be waived by passing a competency examination.

Elective Courses by Advisement

EDU 533	Computer Applications in Education
EDU 670	Special Education: Current Interpretations and Historical Origins
EDU 777	Whole Language Summer Institute: Examining Current Issues
SPD 650	Workshop in SKI*HI (<i>offered as needed in summer</i>)

The Doctor of Arts in Communication Disorders

Adelphi University instituted the first Doctor of Arts degree in communication disorders in the country. This professional doctorate represents a distinctive trend in graduate education, and is designed to meet the needs of those who wish to prepare for specialized positions in the discipline of speech-language pathology.

The Doctor of Arts degree was conceived to emphasize the professional and clinical aspects of the discipline. Its primary objective is to offer the advanced training needed to prepare leaders in the field of communication disorders. As the profession has expanded and matured, the demand for doctoral-level personnel in clinical settings has grown rapidly.

Students are expected to have completed a master's degree or its equivalent before admission to the Doctor of Arts program. Students who have not completed course work basic to this doctoral program will have to make up deficiencies. Admission is contingent upon the student's record of undergraduate and graduate performance. The GRE and three letters of recommendation are required. Students' speech, hearing, and language must be adequate to meet professional standards.

Degree Requirements

A student must obtain a minimum of 60 credits beyond the master's degree, or its equivalent. Of these 60 credits, a maximum of 12 post-master's credits may be transferred from other educational institutions upon approval of the doctoral faculty. The student must apply for the doctoral candidacy examination upon completion of 30 credits of required course work. A qualifying written and oral examination will be given to determine candidacy. It will be permissible for a student to retake this candidacy examination once. After the candidate has completed all requirements, there will be an oral defense of the doctoral dissertation.

The Doctor of Arts is a part-time program. Consistent with University policy, students must complete all requirements for the D.A. degree within ten years. Requests for an extension may be considered on an individual basis. Students must submit a formal petition for an extension to the Doctoral Program Committee. No more than two one-year extensions will be granted.

Students are expected to follow the policies and procedures outlined in the department's Doctoral Program Advisement Manual.

Continuous Registration

All doctoral students are expected to register for at least one course each semester during the academic year (fall and spring). Exceptions to this policy require approval of the academic advisor. Registration for *SPH 799: Continuous Matriculation* is required for every semester in which a student does not register for a course. Continuous registration allows for the continuity of training and education, secures student status within the department, and maintains campus privileges. Failure to maintain continuous registration will result in dismissal from the program.

Students seeking a leave of absence must formally petition the Doctoral Program Committee for approval. Leaves of absence will be approved only under extraordinary circumstances.

Language Requirements

Students will be expected to pass an oral foreign language examination administered by a faculty member designated by the languages and international studies department. Students may take their examination in any language appropriate to future professional plans. Students may elect to pass a sign language examination to fulfill the language requirement.

Research Requirements

A doctoral dissertation is required, based on substantive research on a topic related to clinical

problems, symptom analysis of communication impairments, or remediation of communication disorders. An oral defense of the doctoral dissertation is required.

Course Requirements

The following courses are required:

SPH 710	Advanced Anatomy, Physiology, and Theories: The Auditory Mechanism
<i>OR</i>	
SPH 711	Advanced Anatomy, Physiology, and Theories: The Speech Mechanism
SPH 720	Experimental Phonetics
SPH 721	Instrumentation
SPH 740	Seminar in Current Issues and Research Trends in Speech Pathology and Audiology
SPH 741	Seminar in Current Issues and Research Trends in Speech Pathology and Audiology
SPH 800	Advanced Seminar in Differential Diagnosis of Communication Disorders
SPH 801	Theoretical Foundations of the Remediation of Language Disorders in Children and Adults
SPH 805	Proseminar in Audiology
SPH 860*	Clinical Practice in Hospitals and Rehabilitation Centers
SPH 861*	Clinical Practice in Educational Settings
SPH 862*	Clinical Practice in Community Service Centers
SPH 863*	Clinical Practice in Supervision Administration
SPH 864	Practicum in College Teaching
SPH 895	Doctoral Thesis Seminar
PSI 644	Statistics I

* Minimum of 6 credits in three different areas.

An advanced composition course on scientific writing is required. The particular course will be selected according to the student's needs.

If doctoral students receive a grade of C+ or less in a course, they may no longer continue in the program.

Elective Courses

SPH 700	Language and Thought
SPH 712	Neurological Bases of Speech
SPH 713	Otolaryngological Aspects of Speech Pathology and Audiology
SPH 831	Seminar in Prosthetic Amplification
SPH 832	Management of the Acoustically Handicapped
BIO 602	Physiology for the Health Sciences
BIO 606	Neurophysiology
BIO 630	Selected Topics in Biology
PSI 620	Psychodynamics of Behavior: The Development of Freudian Psychology
PSI 622	Advanced Psychological Tests and Measurements
PSI 645	Statistics II
PSD 630	Physiological Psychology (only for students who have had the academic background)

Certificate Programs

These programs are not registered for teacher certification purposes.

Educational Assessment

The graduate certificate program in educational assessment is a 15-credit core of courses designed to prepare educational diagnosticians for schools and clinical settings. The certificate may be taken as a separate program or as an extension of a master's degree. Students are

encouraged to take these courses as electives in their master's programs. For entrance into the certificate program, students must have a tests and measurements course and EDU 771 (Individual Evaluation in Special Education) or the approved equivalent. Depending on background, other prerequisite courses may be required. This certificate program is not registered for teacher certification purposes.

EDU 720	Evaluation and Testing in ESL and Bilingual Education
EDU 758	Assessment and Evaluation in Literacy Development
EDU 772	Internship in Diagnosis and Prescription in Special Education
EDU 773	Assessment in Early Childhood for Children with and without Special Needs
EDU 776	Introduction to Whole Language

English Language Teaching

This is a 12-credit certificate program in English language teaching for students who do not wish to pursue a master's degree in TESOL but who wish to have a concentration in this area. Students who previously received provisional certification or a certificate of qualification in an area of education can use these courses as electives towards the master's degree. This program is not registered for teacher certification purposes.

EDU 543	TESOL I: Developing the Language Arts Skills
EDU 644	ESL in the Content Areas
EDU 720	Evaluation and Testing in ESL and Bilingual Education
ANT 514	Language and Culture

Admission

All students seeking admission to graduate study at Adelphi University, whether they wish to become candidates for a graduate degree or not, must formally request admission before registering for graduate courses, in accordance with the procedures for University Admission to Graduate Study described in this *Bulletin*.

Graduate Admissions Grade-Point Average Requirements

The School of Education, in determining the admissions status of prospective students, will require the minimum cumulative undergraduate grade point averages as listed below. Admission to the School is competitive and the requirements for admission to specific programs may be considerably higher than those stated.

Minimum Cumulative Undergraduate G.P.A.	Admissions Status
2.75 and above	Degree Candidate

Admission of International Students

See the sections in this *Bulletin* titled "Admissions" and "Expenses and Financial Aid."

New York State Certification Requirements

Mary Ellen Williamson, *Senior Coordinator of Certification and Student Records*

Students completing a New York State registered teacher education program should apply for certification through Adelphi University using a white form with blue lettering. Applications for certification are completed in the semester prior to graduation and may be obtained through the School of Education offices or the Office of the Registrar, Levermore Hall – lower level.

All teacher certification candidates recommended by Adelphi University for New York State certification must successfully complete the degree program requirements, including any deficiencies in the liberal arts and sciences, a seminar on child abuse identification and reporting, and student teaching. All teaching certification candidates must take and pass the New York State Teachers Certification Examinations (NYSTCE) required for their particular area of certification.

Please note: although you may already hold a valid certificate in another teaching area, the necessary parts of the NYSTCE are now required for all applicants seeking certification in an additional area. For the most updated requirements you may contact the New York State Education Department at <http://www.nysed.gov/tcert/homepage.htm>.

New York State Teacher Certification Examinations registration bulletins are available in all School of Education offices and the Office of the Registrar. The purpose of these bulletins is to provide general information concerning preparation for tests, test registration, registering for alternative testing arrangements, dates of test, score reports, and forms.

Supervised Clinical Experience

Michelle Reich, *Director School and Community Partnerships*

A supervised clinical experience, consisting of either student teaching or a practicum for teachers who are currently in the field, is provided for students completing their certification programs. Each experience is a full-time, day-time responsibility and includes a weekly seminar at Adelphi University. Specific course prerequisites for student teaching or the practicum vary in each program and are listed in the course description section of this *Bulletin*. General requirements include a satisfactory health examination, a satisfactory speech and hearing evaluation, acceptable academic and personal qualifications, satisfactory faculty recommendations, and a satisfactory student teaching portfolio. Education studies students must take the LAST (Liberal Arts and Sciences Test) prior to student teaching. Secondary majors must take the Content Specialty Test in addition to the LAST. In general, graduate students may not register for the clinical experience until they have completed all of their program requirements. Graduate students must have a 3.0 overall G.P.A. to be eligible for student teaching or a practicum.

Applications for the clinical experience must be filed by October 1 for the following spring semester and February 1 for the following fall semester. Information pertaining to the clinical experience, including applications and details about the portfolio, may be obtained through the Office of Clinical Practice.

Teaching Internships

Michelle Reich, *Director School and Community Partnerships*

The School of Education offers students with outstanding undergraduate and/or graduate school records in fields other than education positions as paid graduate interns in local public schools. Students enroll in the master's program in their area of certification and serve as interns for a full academic year in the schools. The internship experience satisfies the student teaching component of NYS certification requirements. Internships are available in secondary education, special education, and TESOL. Please consult the appropriate program director and/or the director of clinical practice for further information.

The Child Activity Center

Alice C. Brown, *Director*

This Center, located on Adelphi's campus, houses a part- and full-day program for children from three through five years of age. Graduate students in the School of Education may participate in field experiences at the Center, thereby enhancing their knowledge of child development and early childhood curriculum.

Independent Study

Approval for independent study can be granted by the Dean of the School of Education.

Waiver of Academic Regulations

Graduate students may petition the Dean of the School for the waiver of an academic regulation of the School of Education.

Regional Labor Market

Students are advised to go to the New York State Department of Labor website (<http://ny.jobsearch.org/>) where they can find useful information regarding occupational projects for New York State and Regions in New York State as well as wage information (annual average hourly rates from the Occupational Employment Survey for New York State). Students interested in working in the New York City area, can call or write the Labor Market Analyst in charge of the Bronx, Kings, Queens, Richmond, and New York district: James Brown, NYS Department of Labor, Research, and Statistics Division, PO Box 669, Mail Stop 8D, New York, NY 10014-0669, (212) 352-6666.

Students interested in working in the Nassau/Suffolk area, are encouraged to call or write to the Labor Market Analyst in charge of the Nassau and Suffolk districts: Gary Huth, NYS Department of Labor, Research, and Statistics Division, 303 W. Old Country Road, Hicksville, NY 11801, (516) 934-8559.

COURSES OF INSTRUCTION

SCHOOL OF EDUCATION

EDUCATION

**EDU 502 Reflective Practice Seminar
in Early Childhood and Elementary
Education** *3 credits*

Corequisites: EDU 531 and 544.

Taken concurrently with EDU 531 this seminar provides student teachers with the opportunity to reflect critically and analytically on their student teaching experiences. Students attend a weekly seminar and are expected to complete a reflective practice journal or project.

**EDU 503 Reflective Practice Seminar in
Secondary Education** *3 credits*

Corequisite: EDU 530.

Taken concurrently with EDU 530, this seminar provides student teachers with the opportunity to reflect critically and analytically on their student teaching experiences. Students attend a weekly seminar and are expected to complete a reflective practice journal or project.

**EDU 505 Bilingual Elementary
Education Practicum** *3 credits*

The practicum consists of an eight-week supervised teaching experience in the teacher's own bilingual elementary education classroom. This experience will fulfill the required field experience towards New York State Certification in elementary education as well as the bilingual certification extension. A seminar is required and meets for 16 weeks.

**EDU 507 Bilingual Secondary
Education Practicum** *3 credits*

The practicum consists of an eight-week supervised teaching experience in the teacher's own bilingual secondary education classroom. This experience will fulfill the required field experience towards New York State Certification in secondary education content areas as well as the bilingual certification extension. A seminar is required and meets for the entire semester.

**EDU 509 Bilingual Special
Education Practicum** *3 credits*

The practicum consists of an eight-week supervised teaching experience in the teacher's own bilingual special education classroom. This experience will fulfill the required field experience towards New York State Certification in special education as well as the bilingual certification extension. A seminar is required and meets for the entire semester.

**EDU 510 Curriculum and Methods
of Art Education** *3 credits*

This course introduces art education students to the creation of developmentally appropriate lesson plans in a variety of visual arts media for grades Pre-K–12. Topics such as assessment and New York State Learning Standards in the Arts will be addressed. Students are required to complete 30 hours of fieldwork in Pre-K–12 schools.

**EDU 511–518 Curriculum and Methods of
Instruction in Secondary Education and
Special Subjects** *3 credits*

These courses (511-English; 512-Languages; 513-Mathematics; 516-Physical Education; 517-Science; 518-Social Studies) introduce secondary education and special subject students to issues in curriculum and methods in the content area. Building upon the general concepts and approaches taught in EDU 621, these courses look specifically at the curriculum in each subject area and particular forms of pedagogical knowledge and methods appropriate to teaching in each subject. Where appropriate, integrative and interdisciplinary approaches across content areas are explored. Students are required to complete 30 hours of field work in secondary schools.

**EDU 520 Literacy in the Middle and
Secondary Schools** *3 credits*

This course aims to help secondary teachers facilitate classrooms where reading and writing are effective tools for learning, where collaboration and communication are valued and enhanced in the learning process, and where young people are encouraged to develop critical perspectives and strong voices. Attainment of literacy is central to knowledge construction in all middle and secondary school curricula. Students will examine issues of literacy in different subject areas and the varied demands on readers and writers as the range of literate activities changes according to context. This course is designed to enable inservice teachers and literacy specialists to improve the literacy of students in the middle and secondary schools.

EDU 521 Literature for Young Adults *3 credits*

This course is designed to engage students in a study of the literature of interest to adolescents or young adults. The integration of literature across disciplines can be greatly enhanced when teachers are knowledgeable about historical and current trends in young adult literature as well as the literary theories that can serve as lenses for examining such texts. Literary theory and pedagogy will inform all aspects of our study of literature and related media. Students will explore ways to encourage young people in middle and secondary schools to read critically and appreciate a variety of literary works. The integration of literature into all content areas will be emphasized.

**EDU 527 Bilingual Elementary Education
Student Teaching** *3 credits*

Fieldwork for teachers who have already student taught in monolingual elementary school classrooms. Student teaching at this level requires a full five days per week for eight

100 SCHOOL OF EDUCATION COURSES

weeks during one term. The student will have experience in a bilingual elementary school setting at both the primary and intermediate grade levels. A student teaching seminar must be taken for the entire semester.

EDU 528 Bilingual Secondary Education

Student Teaching

3 credits

Fieldwork for teachers who have already student taught in a monolingual secondary classroom. Student teaching at this level requires five full days per week for eight weeks during one term. The secondary education bilingual placement will be arranged with a bilingual cooperating teacher in the secondary field of concentration corresponding to the student's specialization. A student teaching seminar will be taken for the entire semester.

EDU 529 Bilingual Special Education

Student Teaching

3 credits

Fieldwork for teachers who have already student taught in a monolingual special education classroom. Student teaching at this level requires five full days per week for eight weeks during one term. The special education bilingual placement will be arranged with a bilingual cooperating teacher in the special education field. A student teaching seminar will be taken for the entire semester.

EDU 530 Student Teaching in Secondary Education

6 credits

Prerequisites: 18 credits in education, including EDU 601, 603, 607, 621, 635, 510–518; 3.0 G.P.A. cumulative G.P.A.; satisfactory health and speech evaluations; satisfactory personal and professional qualifications; satisfactory faculty recommendations; and a satisfactory student teaching portfolio. Corequisite: EDU 503.

This course provides the capstone experience in the secondary education program. Students are required to spend eight weeks in a 7–9 setting and eight weeks in a 10–12 setting. In art, placement is at the K–6 and 7–12 levels. The placement is full time five days a week. Students work with a cooperating teacher, who is chosen by the School and the University and a supervising professor from the University. Emphasis is placed on the implementation of teaching and curriculum approaches taught in the previous courses and preparing students to plan and execute instructional activities, to create productive learning environments, and to monitor and assess student learning.

EDU 531 Student Teaching in Early Childhood and Elementary Education

6 credits

Prerequisites: 24 credits in education including EDU 601, 607, 621, 626, 627, 628, 629, 670; 3.0 G.P.A.; satisfactory health and speech evaluations; satisfactory personal and professional qualifications; satisfactory faculty recommendations; and a satisfactory student teaching portfolio. Corequisites: EDU 502 and 544.

This course provides the capstone experience in the elementary education program. Students are required to spend eight weeks in a N–3 setting and eight weeks in a 4–6 setting. The placement is full time five days per week. Students work with a cooperating teacher, who is chosen by the School and

the University and a supervising professor from the University. Emphasis is placed on the implementation of teaching and curriculum approaches taught in the previous courses and preparing students to plan and execute instructional activities, to create productive learning environments, and to monitor and assess student learning.

EDU 532 Practicum in Early Childhood and Elementary Education

3 credits

For students who are currently employed as full-time teachers in Early Childhood and Elementary Education classes. Corequisite: EDU 544.

Students currently teaching in the field are required to complete this supervised practicum. Students are observed during an eight-week period and are required to attend the weekly seminar for the entire semester.

EDU 533 Computer Based Technologies in Education

3 credits

Topics in this production based course will include 1) use, design, and construction of electronic databases; 2) basic skills with Internet and web page construction; 3) desktop publishing and presentation graphics; 4) education production tools; 5) educational assessment tools; and 6) educational software. These components will emphasize the use of interface equipment including digital cameras, scanners, message pads, etc. *Students must be able to use a word processor.*

EDU 535 Practicum in Secondary Education and Special Fields

3 credits

For students who are currently employed as full-time teachers in Secondary Education and Special Fields. Corequisite: EDU 544.

Students currently teaching in the field are required to complete this supervised practicum. Students are observed during an eight-week period and are required to attend the weekly seminar for the entire semester.

EDU 536 Student Teaching in Physical Education

6 credits

Prerequisites: EDU 516; or permission of department.

This course provides the capstone experience in the physical education teachers program. Students are required to spend eight weeks in a K–6 setting and eight weeks in a 7–12 setting. The placement is full time five days per week. Students work with a cooperating teacher, who is chosen by the School and the University and a supervising professor from the University.

EDU 537 Student Teaching in Health

3 credits

Students are required to spend 7–8 weeks in a health education setting. The placement is full time, five days a week.

EDU 540 Student Teaching in Art Education

6 credits

Prerequisites: All required education and art courses must be completed prior to the student teaching semester. This course provides the capstone experience in the art education program. Students are required to spend eight weeks in Pre-K–6 setting and eight weeks in a 7–12 setting.

The placement is full-time, five days a week for one semester. Students work with a cooperating art teacher and a supervising University art educator who teaches a reflective practice seminar one evening each week during the student teacher semester. Prospective student teachers must apply for their placement in the semester prior to student teaching. Information pertaining to application materials and deadlines is available through the Office of School Community Partnerships.

EDU 543 TESOL I: Developing the Language Arts Skills *3 credits*
Survey of the current theories of first and second language acquisition as they relate to the acquisition of the reading, writing, listening, and speaking skills. Applications of current theories of literacy development will be used to design instructional materials.

EDU 544 Literacy and Methods Practicum *3 credits*
Corequisites: EDU 502 and 531 or with 532.

Taken concurrently with elementary student teaching or practicum, this course is designed to complement the clinical experience by stressing curriculum and pedagogical approaches in reading across content areas. Using an integrative approach, students are encouraged to develop strategies for teaching reading and writing skills across different curricula areas.

EDU 545 Children's Literature *3 credits*
This course is a survey of children's literature. Students will be introduced and read to in a variety of genres; study authors; and examine the work of illustrators with an emphasis on selection criteria and implementation of interdisciplinary teaching and learning in the elementary classroom. An in-depth consideration of trends and issues in children's literature will be explored, as will topics related to political and social themes. The development and expansion of children's language through engagement with quality children's literature will be emphasized.

EDU 552 The Philosophical Foundations of Education: Bridging Theory and Practice *3 credits*
An introduction to the philosophy of education. The course prepares students to become reflective and critical practitioners who understand the relationship between theory and practice. Through an examination of various schools of philosophical thought as they apply to education, students are encouraged to develop their own philosophical orientations. Emphasis is placed upon concepts of freedom, knowledge, values, curriculum, pedagogy, and human nature.

EDU 601 The Historical, Social, and Moral Foundations of Education *3 credits*

This course introduces students to the social and philosophical foundations of education. Through an examination of the sociological, historical, political, and philosophical aspects of schooling, students are prepared to understand the role of schools in society and how various factors affect teachers, students, and schooling. Students examine the relationship between culture and schooling and the ways in which different cultural groups are educated in our society. Emphasis is placed on inequalities of race, class, gender, and culture within the educational system and how these inequalities may be ameliorated by teachers. Additionally, the course emphasizes the education of students with special needs, including disabling conditions and students whose first language is not English. Through an examination of school organization and philosophy, students are introduced to different ways of organizing schooling, including middle school organization and philosophy.

EDU 603 Adolescent Psychology *3 credits*

An introduction to adolescent development as an educational and cultural phenomenon. Through an examination of the affective and cognitive development of children from adolescence through young adulthood, the course prepares students to understand the developmental patterns of the children and adolescents they will teach and how these patterns affect learning. The course deals with a continuum of development, including both normal and special development, and thus introduces students to issues relating to the developmental and educational needs of students with disabling conditions.

EDU 604 Human Development: Childhood Through Adolescence *3 credits*

An introduction to child development as an educational and cultural phenomenon. Through an examination of the affective and cognitive development of children from early childhood through young adulthood, the course prepares students to understand the developmental patterns of the children and adolescents they will teach and how these patterns affect learning. The course deals with a continuum of development, including both normal and special development, and thus introduces students to issues relating to the developmental and educational needs of students with disabling conditions.

EDU 607 Cognition and Teaching *3 credits*

This course introduces students to learning theory, theories of cognitive development, and how teachers should develop pedagogical and curricular strategies in light of them. Through an examination of recent advances in cognitive science and learning theory, the course addresses important issues relating to teaching and learning. It deals with a continuum of cognitive development and approaches to learning, which includes both regular and special educational issues. Thus, students are prepared to create a productive learning environment, to understand the learning needs of both children with normal development and students with disabling conditions. The course also examines cultural differences in learning and different approaches to teaching

children from different cultures. It also explores the ways in which children whose first language is not English learn in their second language and how teachers need to become aware of these patterns. Additionally, it examines recent feminist approaches to learning in order to prepare students to meet the educational needs of both boys and girls. Finally, it relates psychological development to learning theory by placing specific emphasis on the relationship among maturation, developmental stages, and learning. Specific attention is placed on adolescence and how this stage affects learning.

EDU 621 Curriculum Development and Issues *3 credits*

An introduction to general approaches to curriculum theory and design and to instructional methods. Through an examination of the nature of curriculum across disciplines, interdisciplinary approaches to curriculum design, the construction of lesson plans and unit plans, and various methodological strategies, including the art of questioning and the integration of critical thinking into teaching, students are introduced to the most significant aspects of classroom organization and practice. Emphasis is placed on different models of curriculum design, planning, and teaching. Special emphasis is placed on a multicultural curriculum, as well as methods of assessment, including alternative assessment. Twenty hours of field placement in an elementary or secondary school are required.

EDU 626 Integrated Science, Math, and Technology I, N-6 *3 credits*

An introduction to integrated curriculum and instruction in science, mathematics, and technology. Through an approach that emphasizes the process of learning mathematics, science, and technology, as well as integrating them across curriculum areas, students are prepared to teach mathematics and science at the elementary school level. This course concentrates on mathematics and its integration with science, technology, and other curriculum areas. Twenty hours of field placement in an elementary school are required. EDU 626 may be taken before or after EDU 628; or they may be taken together.

EDU 627 Reading and Literacy N-6 *3 credits*

An introduction to curriculum and instruction in the teaching of reading and writing. Through an integrated approach that examines the connections between reading and writing, students are prepared to teach children literacy skills. Although the course introduces students to a variety of theories and methods in reading and writing instruction, its overall theoretical bent is that of whole language- and literature-based approaches to reading and writing. Twenty hours of field placement in an elementary school are required.

EDU 628 Integrated Science, Math, and Technology II, N-6 *3 credits*

An introduction to integrated curriculum and instruction in science, mathematics, and technology. Through an approach that emphasizes the process of learning mathematics, science, and technology, as well as integrating them across curriculum areas, students are prepared to teach mathematics and science at the elementary school level. The second semester of this two semester sequence concentrates on science and its integration with mathematics, technology, and other curriculum areas. Twenty hours of field placement in an elementary school are required. EDU 626 may be taken before or after EDU 628; or they may be taken together.

EDU 629 Social Studies, Literature, and the Arts N-6 *3 credits*

An introduction to curriculum and instruction in the social studies, literature and the arts. Through an integrated curriculum approach students are introduced to the major issues in social studies, literature, and arts education at the elementary level. Students are expected to develop integrated curriculum units that thematically tie together issues in history, sociology, politics, and anthropology with both literary and artistic materials. Twenty hours of field placement in an elementary school are required.

EDU 630 Practicum in Middle Schools *3 credits*

Students in the elementary precertification program will extend their student teaching at the 7-9 level; students in the elementary in-service program will do an additional practicum at the 7-9 level. Students in the secondary precertification program will extend their student teaching at the 5-6 level; students in the secondary in-service program will do an additional practicum at the 5-6 level.

EDU 635 Secondary School Reform: Problems and Prospects *3 credits*

An introduction to problems and issues related to teaching middle school, junior high, and high school. Through an examination of historical and contemporary reform efforts, students are encouraged to think about the limits and possibilities of secondary school improvement. The course covers diverse topics including curriculum tracking and ability grouping, race, class, and gender issues, the history of secondary education, the structure and organization of secondary schools, policy issues and recommendations, and issues in curriculum and pedagogy.

EDU 641 Methods and Materials in Bilingual Education *3 credits*

This course examines both curriculum and methods currently used in bilingual multicultural classrooms. The opportunity to develop materials in the major content areas will be provided through an interdisciplinary approach which includes teaching in the areas of mathematics, science and social studies and the communication arts in the native language. The course fosters multicultural awareness and focuses on issues which encompass gender, race, ethnicity, and disabling conditions in the schools. Classroom techniques, diagnostic instruments, and commercial and teacher-made

materials in the first and second language will be evaluated and discussed.

EDU 642 Foundations of Bilingual Education: Theory and Practice 3 credits

This course provides an introduction to the philosophical, sociological and historical perspectives on bilingual education. The course introduces nationwide bilingual education and English as a second language program models and strategies and addresses pressing issues, such as the teaching of students with disabling conditions, community involvement and equity in education. The legal mandates having an impact on the national development of instructional programs for children for whom English is a second language will be examined.

EDU 643 Methods and Materials of Teaching Reading and Language Arts in the Bilingual Classroom 3 credits

The course examines first language teaching methods and models, and effective, integrative instructional practices in the teaching of reading and language arts to the bilingual child. The course will focus on first language development and the transferability of reading skills to the effective reading of English in the bilingual education school program. Children's literature in the first language will be surveyed and analyzed in relation to its folklore and richness and will be used as a vehicle to increase parental participation in the classroom and at home.

EDU 644 ESL in the Content Areas 3 credits
Prerequisites: EDU 543 and 721.

This course examines current theory, methods, and materials for teaching English as a Second Language through content area instruction in pre-K to 12th grades to students of different cultural and linguistic backgrounds. Emphasis on application in instruction design, evaluation, and classroom management.

EDU 650 Teaching Reading to the Exceptional Learner 3 credits
Prerequisite: EDU 627; or classroom teaching experience.

Practices in the teaching of reading including those in need of specialized instruction because of either developmental weaknesses in reading skills or deficits in the psychological processes relating to understanding written material. Topics relating to understanding and teaching include: assessment procedures examining causes of reading failure; adapting methods and materials for the exceptional learner; identifying and utilizing specialized approaches and materials; examining methods and programs in common use; integrating the teaching of all the language arts.

EDU 651 Teaching of Reading and Study in the Secondary School 3 credits
Prerequisite: current or past experience in classroom teaching.

A survey course in the teaching of reading and study for teachers in the junior and senior high school.

EDU 653 Literacy and Culture 3 credits

Current research from diverse fields such as sociolinguistics, language learning and development, and the anthropology of education, has widened our understanding of what it means to be literate. Current paradigms define literacy broadly as a set of socially organized practices shaped by culture, class, and gender, as well as our educational, political, and economic systems. This course is designed to facilitate critical reflection on how multiple literacies are shaped by social forces from birth through schooling, and beyond.

EDU 667 Research and Practice in Early Childhood Special Education 3 credits

Causes and nature of exceptionalities affecting the preschool special needs child with implications for educational, community, and family planning.

EDU 668 Curriculum and Methods for Young Children with and without Disabilities 3 credits

Prerequisite: EDU 667.
Practical application of theories and techniques for the teaching of preschool special needs children; cross categorical.

EDU 670 Special Education: Current Interpretations and Historical Origins 3 credits

Designed to develop an awareness of the problems and needs of the school population which falls into this category. This includes children with intellectual deviance, children with physical disabilities, the neurologically impaired, the learning disabled, and the emotionally and socially maladjusted. Attention is given to incidence, characteristics, prevention, implications for education, counseling and guidance procedures.

EDU 676 Student Assessment and Educational Testing 3 credits

Prerequisites: a course in general psychology and EDU 607; or equivalent.

Basic concepts of measurement theory; of intelligence, personality, aptitude, and achievement tests. Specific emphasis on tests and assessments for exceptional children. Theories of alternative assessment considered.

EDU 678 Classroom Management 3 credits

A course designed to (1) define, specify, and measure the behaviors teachers recognize as necessary in the repertoire of the special child; (2) equip teachers with an understanding of the basic principles of behavioral change; (3) provide the teacher with a humanistic philosophical approach to behavior modification; (4) give practice in the application of learning principles in effecting beneficial change of the academic study and social behaviors of students. (Accepted as human relations course by the New York City Board of Education.)

EDU 679 Families, Cultures, and Children: Understanding Children with Special Needs 3 credits

Focuses on the impact of families and cultures on the cognitive, linguistic, and affective growth of children from birth

through the secondary level. This course emphasizes the effect of the background of children with disabilities on their development and learning. Collaboration among families, schools, support groups, and referral agencies for enhancement of the education and transitions of normally developing, at-risk, and special education populations is studied. Educational impact of various cultural attitudes of families with children whose development deviates from the norm is emphasized.

EDU 690 Child Development in Diverse

Populations: Birth–Age 5 3 credits

The course of prenatal, perinatal, and postnatal development through the preschool years is studied. Attention is paid to developmental milestones in physical, cognitive, language, social, and affective areas. Educators are helped to distinguish growth and behaviors which are within normal developmental ranges from those which may be the cause for concern. Various concerns for infants, toddlers, and preschoolers who may be at risk and those known to have disabilities are addressed. Teachers are also introduced to the disabilities most frequently encountered in this group.

EDU 691 Team Collaboration

3 credits

Prerequisite or corequisite: EDU 670.
A course designed for professionals across disciplines working with persons from birth to adulthood having special needs, and their families. The functions and interactions of educators, speech and language pathologists, audiologists, nurses, physical therapists, occupational therapists, school psychologists, and social workers will be examined. Emphasis is placed on understanding the roles of team members, facilitating communication among teams, and developing collaborative strategies to educate individuals in special education and inclusive settings.

EDU 693 Psychology and Education of the Gifted, Talented and Creative

3 credits

An introductory course concerned with the nature, problems, needs, and educational settings of the gifted. Problems and issues in the field will be highlighted.

EDU 694 Methods and Materials for the Teaching of Gifted Children

3 credits

Reviews the conceptual structures and theories related to the education of the gifted child by examining curriculum development, instructional methods, resources, guidance, parental involvement, and will utilize lecture, selected readings, discussions, and visitations to classrooms of the gifted.

EDU 698 Understanding Elementary School Children with Learning and Behavior Problems

3 credits

Prerequisite or corequisite: EDU 670.

Examines current theories and practices related to the education of children with mild to moderate disabling conditions. These children have been referred to as being learning disabled, emotional/behavioral disordered, or educable mentally retarded. The course highlights the similarities among these children as well as their differences.

EDU 700 Practicum in TESOL

3 credits

Prerequisites: 24 credits in TESOL program, 3.0 cumulative G.P.A., satisfactory health and speech evaluations, satisfactory personal and professional qualifications, satisfactory faculty recommendations and a student teaching application.

The Practicum consists of an eight week supervised teaching experience in the teacher's own ESL classroom. This experience will fulfill the required field work towards New York State Certification in TESOL. A seminar is required and meets for the entire semester.

EDU 710 Literacy and Research: Inquiry I

3 credits

(This course should be taken as the first in the sequence.)

This is an introduction to the foundations of literacy instruction with emphasis on literacy research and will focus on current topics such as: literacy standards and assessment, literacy and technology, curriculum, learners with special needs, and historical perspectives of literacy instruction. The underlying goal of this course is to encourage teachers to be reflective practitioners and critical consumers of research. Students will begin to develop electronic professional portfolios to enhance self-reflection and to document their learning throughout this program.

EDU 719 Supervised Student Teaching and Seminar in TESOL

3 credits

Prerequisites: 24 credits in TESOL program; 3.0 cumulative G.P.A., satisfactory health and speech evaluations, satisfactory personal and professional qualifications, satisfactory faculty recommendations and student teaching application.

The 3 credit supervised student teaching experience is provided for students who are completing their preparation for teaching in TESOL and hold previous certification in another area. Provision is made for a variety of experiences in approved school situations. Attendance at a weekly seminar and individual conferences with the student teaching supervisor is required.

EDU 720 Evaluation and Testing in ESL and Bilingual Education

3 credits

Prerequisite: EDU 780.

This course examines essential concepts in the area of testing first- and second-language proficiency. Commercial tests, standardized tests, criterion reference tests, and teacher-made tests currently used to assess first- and second-language proficiency are analyzed. The course examines the role of language and culture in the assessment process of children for whom English is a second language, and explores the relationship between assessment and the cre-

ation of effective instructional programs for second language learners.

EDU 721 Theories of Second Language Acquisition 3 credits

This course relates theory and research regarding first language acquisition to the process of acquiring a second language. The course also presents specific cognitive, social, and educational aspects of bilingualism.

EDU 722 Supervised Student Teaching and Seminar in TESOL 6 credits

Prerequisites: 24 credits in TESOL program; 3.0 G.P.A. cumulative G.P.A.; satisfactory health and speech evaluations; satisfactory personal and professional qualifications; satisfactory faculty recommendations; and a student teaching application. Supervised student teaching is provided for students who are completing their preparation for teaching in the field. Provision is made for a variety of experiences in approved school situations. Attendance at a weekly seminar and individual conferences with the supervisor of student teaching is required.

EDU 723 Bilingual Special Education Student Teaching 6 credits

The Special Education Bilingual placement will be arranged with a bilingual cooperating teacher in the special education field. Student teaching will be conducted in English and the target language in special education will require five full days per week for a period of 16 weeks. A student teaching seminar will be taken concurrently.

EDU 732 Student Teaching in Special Education 3 credits

Prerequisite: minimum of 18 credits in special education including EDU 670, 698 or 675 or 680, 676, 770, and 771. Attendance at a weekly seminar is required.

An eight-week program of supervised full-time teaching five days per week. This course is required of all students who are specializing in this area. Students who do not hold provisional or permanent certification in another area must either take EDU 733 (Dual Certification in Elementary Education and Special Education) or student teach for 16 weeks.

EDU 733 Student Teaching: Special Methods and Practice in Elementary Education and Special Education 6 credits

Prerequisite: minimum of 18 credits in special education including EDU 670, 698 or 675 or 680, 676, 770, and 771 and a minimum of 12 credits in elementary education including EDU 627 and at least 2 other methods courses (EDU 621, 626, 629).

Required of all students for dual certification in elementary and special education and for those seeking special education certification without any prior student teaching experience. Student teaching requires five full days per week for 16 weeks. The first eight weeks are in elementary education and the final eight weeks are in special education. Attendance at a weekly seminar is required.

EDU 734 Practicum in Special Education 3 credits

For teachers who are currently employed as teachers of Special Education.

Students currently teaching special education are required to complete this supervised practicum. Students are observed during an eight week period and are required to attend the weekly seminar for the entire semester.

EDU 735 Elementary Education Student Teaching in a Bilingual Setting 6 credits

Prerequisite: minimum of 18 credits in education including EDU 627 and at least 2 other methods courses (EDU 635, 626, 628, 629). Attendance at a weekly seminar is required.

Student teaching at this level requires a full five days per week for a minimum of 16 weeks during one term. The student will have experience in a bilingual elementary school setting at both the primary and intermediate grade levels. A student teaching seminar must be taken at the same time.

EDU 736 Bilingual Secondary Education Student Teaching 6 credits

Prerequisite: minimum 13 credits in education including EDU 510–519 and all credits in teaching area for certification. Please see program director for specific information.

The Secondary Education Bilingual placement will be arranged with a bilingual cooperating teacher in the secondary special field of concentration corresponding to the student's specialization. Student teaching will be conducted in English and the target language at the secondary level and will require five full days per week for a period of 16 weeks. A student teaching seminar will be taken concurrently.

EDU 737 Student Teaching Practicum and Seminar: Teacher of Children with Speech, Language, and Hearing Disabilities 6 credits

Attendance at weekly seminars is required.

A program of supervised teaching four full days per week for a minimum of 16 weeks.

EDU 738 Student Teaching Practicum and Seminar: Teacher of Children with Speech, Language, and Hearing Disabilities 3 credits

Attendance at weekly seminars is required.

A program of supervised teaching two full days per week for a minimum of 16 weeks. This practicum is for those students who have earned a certificate of qualification for teaching; a provisional certification or a permanent certification for teaching in another discipline.

EDU 743 Legal Issues for Teachers 3 credits

Problems and issues of high interest to the classroom teacher. Guest speakers and an independent project are part of the format. Topics may include such issues as child abuse, free speech, equity and segregation, religion in the schools, and censorship.

EDU 750, 751 Assessing and Addressing Literacy Needs 1 and 2 *3 credits each*

For 750: prerequisites are EDU 710, EDU 793, EDU 520. For 751: prerequisite: EDU 750. EDU 750 and EDU 751 may not be taken concurrently.

This two course sequence will concentrate on assessment of reading and writing ability with the purpose of enhancing literacy instruction for all learners as well as providing interventional assistance to help struggling readers and writers. Both formal and informal assessment strategies will be closely examined with the goal of helping learners to attain the appropriate standards of literacy ability. Students will work with individuals at various ages who are struggling readers and writers. Special emphasis will be given to strategies that enhance literacy development for learners with diverse needs including students with handicapping conditions, English language learners, and reluctant learners. The course will entail the development of a collaborative literacy portfolio to enhance self-reflection, setting goals, choosing instructional strategies, and reporting on progress.

EDU 753, 754 Practicum in Literacy I and II: *3 credits each*

Permission of program chair is required for enrollment in these courses. Prerequisite for EDU 753 is EDU 751; prerequisite of EDU 754 is the successful completion of EDU 753. EDU 753 and 754 may not be taken concurrently.

This two-course sequence consists of supervised application of diagnostic and interventional techniques in a clinical or classroom situation. Students will apply and interpret formal and informal assessment strategies so as to individualize instruction for struggling readers and writers. Students will have the opportunity to work with individuals and small groups. Both elementary and secondary clinical experiences are available.

EDU 758 Assessment and Evaluation in Literacy Development *3 credits*

An assumption is made that meaningful assessment is the teacher-generated assessment emerging from the results of instruction and observation. Performance-based assessment in a whole language classroom includes the systematic observation, recording, and interpreting of language behaviors across the disciplines. Assessment techniques include the use of running records, holistic writing scoring, journal entries, miscue analysis, reading and writing conferences, and strategic maps to develop reflective portfolios and biographic profiles.

EDU 760, 761 Elementary Internship/Student Teaching *3 credits each*

This two-semester course is required for elementary school interns in the Adelphi Internship Program. Students are observed in their classroom by both mentor teachers in the school and University supervisors. Students are required to attend weekly seminars in general and specific problems of teaching.

EDU 762, 763 Internship Student Teaching Secondary Schools *3 credits each*

This two-semester course is required for secondary school interns in the Adelphi Internship Program. Students are observed in their classroom by both mentor teachers in the school and University supervisors. Students are required to attend weekly seminars in general and specific problems of teaching.

EDU 764 and EDU 767 Internship Student Teaching TESOL *3 credits each*

This two-semester course is required for TESOL secondary school interns in the Adelphi Internship Program. Students are observed in their TESOL classroom by both mentor teachers in the school and university supervisors. Students are required to attend weekly seminars in general and specific problems of teaching.

EDU 765, 766 Internship Student Teaching Special Education *3 credits each*

This two-semester course is required for special education school interns in the Adelphi Internship Program. Students are observed in their classroom by both mentor teachers in the school and University supervisors. Students are required to attend weekly seminars in general and specific problems of teaching.

EDU 770 Designing Instruction for Learners with Mild and Moderate Disabilities *3 credits*

Prerequisites: EDU 670, 676, and a course in the psychology and education of exceptional children. Corequisite: EDU 771.

Problems, principles, and procedures of teaching exceptional children. Methods of organization of instruction, sequential and diagnostic teaching, and selection of appropriate materials are integrated with the field experience. The development of instruction from assessment is emphasized.

EDU 771 Individual Evaluation in Special Education *3 credits*

Prerequisites: EDU 670, EDU 676, and a course in the psycho-educational needs of exceptional children.

A laboratory course designed to explore existing and experimental diagnostic tools to aid in educational planning for exceptional children. Students will select, administer, and interpret various psycho-educational tests (formal and informal) relative to specific age groups and developmental processes. Long- and short-range goals and prescriptions will be developed.

EDU 772 Internship in Diagnosis and Prescription in Special Education *3 credits*

Prerequisites: EDU 770 and 771.

Students will broaden their knowledge of psycho-educational assessment and remediation of learning problems. Provision is made for the testing of exceptional individuals, interpretation and writing of reports, and for developing prescriptions based on findings.

EDU 773 Assessment in Early Childhood for Children with and without Special Needs 3 credits

This course examines various assessment models and instruments used to evaluate infants, toddlers, and preschool children with and without special needs. Students will be instructed in the administration, interpretation, and use of formal and authentic assessment devices. Students working with special needs children are required to select, administer, and interpret various assessment measures designed for individual screening and diagnostic purposes as a component of a comprehensive evaluation. Individually administered screening and diagnostic measures in the areas of reading readiness, math readiness, language, development, social-emotional growth, sensorimotor integration, and cognitive levels are demonstrated. The function and development of the Individual Family Service Plan (IFSP) is studied as are the functions of the Committee on Preschool Special Education and other preschool Child Study Teams.

EDU 774 Early Intervention: Children with Disabilities, Birth—Age 2 3 credits

Prerequisite or corequisite: EDU 667.

Examines the needs of infants and toddlers with varying disabling conditions. Specific methods and materials for working with the child and the parents are presented.

EDU 776 Introduction to Whole Language Philosophy: Theory into Action 3 credits

Prerequisite to all whole language courses. (May be taken concurrently with another whole language course, under advisement.)

Explores theories derived from research and practice in language communication as they affect literacy and literacy factors as well as factors relating to all school curricula. The major course objective is to enable students to understand literacy learning and develop a conceptual framework for teaching within the guidelines of accepted whole language philosophy.

EDU 777 Whole Language Summer Institute: Examining Current Issues 3 credits

An opportunity for study of research and methods with scholars in whole language. Daily general sessions include presentations by whole language authorities who share their knowledge and expertise with participants. Daily workshop sessions focus on bridging the gap between theory and practice. Workshop leaders and presenters share their work experience using the whole language philosophy across the curriculum, from preschool through secondary school.

EDU 779 Methodology: Strategies for Balanced Literacy 3 credits

Prerequisite: EDU 776.

Designed to bridge the gap between research in literacy development and proper instructional practice. Students learn strategies for creating multifaceted classroom curriculum in environments that foster literacy. Primary emphasis is in authentic reading/writing/speaking/listening language experiences extended across disciplines.

EDU 780 Educational Research 3 credits

This course introduces students to reading and conducting educational research. It provides students with an understanding of different research methods and their limitations, as well as with a critical understanding of how to analyze and critique existing research. Students are introduced to issues in assessment and evaluation, including alternative assessment strategies. Students will focus on research studies on important issues in teaching and learning, including special education, multicultural education, teaching students of varying abilities, gender and education, parental and community involvement, and other issues.

EDU 790 Independent Study 1–3 credits

With special permission from Program Director and Dean.

EDU 793 The Reading-Writing Connection 3 credits

Language and literacy development in young children is examined in everyday contexts, in school, and in the home. The reciprocal relationship between writing and reading and the spoken language competence children bring with them to school is emphasized. Literacy is considered within the framework of a contextualized construct with emphasis on the process approach to developing writing ability.

EDU 795 Literacy and Research: Inquiry II 3 credits

Students must have completed a minimum of 24 credits prior to registering for this course.

This capstone class will culminate with students engaged in an in-depth investigation or action research project related to literacy teaching and learning. Students will propose and implement a project of their own design relevant to their interest or teaching situation. Projects may include such topics as: addressing the literacy needs of special learners, developing innovative and interdisciplinary literacy curriculum, application of technology in the literacy curriculum, or initiatives designed to facilitate educational change in literacy education. Continual collaborative discussion of students' summative electronic portfolios will be emphasized.

EDU 800 Master's Seminar in Special Education and Inclusive Settings 3 credits

Prerequisites: EDU 780 and a minimum of 27 credits in graduate program.

This course is the capstone course for in-service students in elementary and secondary education (and precertification students who have student teaching waived), and all special education students. The purpose of this course is to enable students to tie previous course work to the analysis of policy, curriculum, and pedagogical issues in education. Students are required to complete an original research project, portfolio, or series of papers on an issue related to their teaching area. This course is offered on the Garden City campus only. All off-campus students required to take this course must come to Garden City.

The courses below are required for some programs in the School of Education.

ANT 514 Language and Culture 3 credits

ANT 635 Cultural Anthropology 3 credits

ENG 629 History of the English Language 3 credits

LIN 601 Structural Linguistics 3 credits

SPA 531 Caribbean Culture and Civilization 3 credits

HEALTH STUDIES

HED 504 Comprehensive Health Education for Secondary School Teachers 3 credits
This course is designed to prepare secondary-level educators with the skills and knowledge necessary to develop and teach a comprehensive health education program. It will address New York State Standards.

HED 505 Multidimensional Aspects of Stress 3 credits
Investigation of theoretical and practical aspects of human stress and stress management. Using a multidimensional model of health and an experiential approach to learning, students will analyze stress from both a professional and personal perspective.

HED 506 Health and Nutrition 3 credits
Students will examine recent nutritional theory and information as they impact on the health of the individual in society. Topics will include nutritional needs throughout the life cycle, common eating disorders, the relationship between dietary patterns and disease; the relationship between culture, lifestyle, and nutrition; and nutrition education methods.

HED 520 Special Topics 3 credits
An in-depth examination and analysis of a specific health issue. Topics chosen will change periodically to reflect contemporary concerns.

HED 571 Health Issues for Elementary School Educators 3 credits
Study of the cognitive issues and educational methods in health education appropriate for the elementary classroom teacher. Course work in drug education and child abuse will satisfy NYS Certification mandates for elementary school teachers. New York State Standards will be included.

HED 601 Contemporary Health Issues 3 credits
Investigation of critical health issues affecting individuals, families, and communities. Detailed analysis of causes and prevention strategies will draw from social science, medical, epidemiological and educational research.

HED 603 Mind/Body Dimensions in Health 3 credits
This course is a philosophic and speculative study of health. Students will examine the interaction of the mental and physical dimensions of health as they relate to human adaptation.

HED 604 Aspects of Human Sexuality 3 credits
Analysis of the multidimensional aspects of human sexuality in relationship to personal and social well being. Awareness and insights will be useful to a variety of professionals.

HED 605 Issues in Community Health 3 credits
An analysis of characteristics and developments in the health system, with specific focus on elements that impact on prevention issues.

HED 620 Special Topics in Health Education 1 credit each
Overview of specific current health areas such as alcoholism, death and dying, gerontology, nutrition, HIV/AIDS.

HED 621 Teaching Human Sexuality 3 credits
The sociocultural, psychological, biological, and ethical dimensions of teaching comprehensive sexuality education. Theoretical and practical applications of sexuality education through out the life span will be explored.

HED 650 Health and Cultural Diversity 3 credits
Prerequisites: HED 601, 602, 603, and 605.
Critical examination of health issues confronting various minority groups in American society, including the analysis of the impact of culture and ethnic identity on the understanding and treatment of particular health related problems.

HED 654 Mass Communication in Health 3 credits
Prerequisites: HED 601, 602, 603, and 605.
The analysis, application, and evaluation of the mass communication process, incorporating electronic and nonelectronic forms of media for community health education programs.

HED 701 Substance Abuse Prevention 3 credits
Prerequisites: HED 601, 602, 603, and 605.
Exploration of the individual and social factors that contribute to substance abuse. The development of a comprehensive school/community-based model that includes prevention, identification, and intervention strategies that promote protective factors and psychosocial resiliency against substance abuse.

HED 702 Intervention Techniques for Health Educators 3 credits
Prerequisites: HED 604 and 650 (701 preferred).
Designed to prepare professionals to identify and cope with health-related problems. Course work will include the development of counseling skills and referral resources for crisis intervention.

HED 703 Dynamics of Teaching Health 3 credits*Prerequisites: HED 601, 602, 603, 604, and 605.*

Analysis of effective teaching strategies for use in various health education settings. Emphasis on the development of innovative methods that are learner-centered.

HED 750 Community Health Education: Planning and Implementation 3 credits*Prerequisites: core courses.*

Study of the concepts and techniques used to plan, implement, and evaluate community health education programs. Course materials will include contemporary theories and case studies.

HED 751 Fieldwork Internship in Community Health Education 4 credits*Prerequisite: HED 750.*

Supervised field experience in an agency engaging in community health education, such as federal, state, county, and voluntary health agencies and hospitals. Each student will select an area of particular interest (family planning, drug abuse, mental health, patient education, smoking, sexuality, nutrition, etc.) and spend a minimum of 12 hours a week (250 hours for the semester) at that agency, having developed, with the agency supervisor and faculty coordinator, a contract outlining responsibilities. Students will maintain a daily record of activities to be submitted for evaluation of the internship experience. Each student will also participate in three seminars, two hours each, led by the faculty field coordinator, to discuss problems, observations, and techniques arising out of the field experience.

HED 791 Independent Study 1–3 credits (elective)*Prerequisite: permission of department.*

Comprehensive investigation of an area of special interest.

HED 792 Fieldwork Internship 3 credits each semester (elective)**HED 793 Thesis Research** 3 credits each semester (elective)

PHYSICAL EDUCATION**PED 500 Organization and Principles of Coaching** 3 credits

Principles and philosophy of sport as an integral part of physical education and education. Organization of athletic competition budget, equipment, selection of personnel, in addition to local, state, and national regulations.

PED 501 Scientific Foundations of Coaching 3 credits

Kinesiological, physiological, and psychological applications to sport and coaching, including skill analysis, training and conditioning, and motivation.

PED 502 Care and Prevention of Injuries 3 credits

Physiological and anatomical concepts relative to injury, including the physical examination, protective taping, equipment and facility evaluation, theoretical basis of conditioning, and emergency care.

PED 505 Professional Seminar 3 credits

Contemporary trends and issues in physical education, exercise, and sport. Literature review and analysis of issues from a variety of perspectives. Issues relative to pedagogical, sociological, and physiological parameters will be presented in a seminar format. The course is viewed as a culminating experience for those pursuing the study of physical education.

PED 550 Workshops in Physical Education 1 credit each

Specialized, in-depth workshops relative to teaching, special physical education, sports medicine, exercise physiology, or sports management.

PED 618, 619 Advanced Exercise Physiology I, II 3 credits each

The study of physiological function in both homeostatic and non-homeostatic environments as applied to exercise physiology. Specifically, metabolism, the cardiorespiratory system, neuromuscular system, renal system, endocrine system, and gastrointestinal function will be studied in relation to chronic and acute exercise as well as during adverse thermic and barometric environments.

PED 620 Clinical Aspects of Work Physiology 3 credits*Prerequisites: PED 463; or permission of department.*

Familiarization with laboratory techniques in work physiology, including electrocardiography, stress testing and exercise prescription.

PED 621 Laboratory Investigation in Work Physiology 3 credits

Advanced study of the physiology of muscular exercise. Lecture and laboratory sessions will focus on the cardiovascular, respiratory, and neuromuscular systems.

PED 623 Adult Fitness Programming 3 credits

Principles and practices of adult fitness programming. Emphasis is upon fitness evaluation and exercise programming and modification.

PED 624 Nutrition and Physical Activity 3 credits

Exploration of the interrelationship between nutrition and physical activity, obesity, role of activity in weight loss.

PED 625 Medical Aspects of Sport 3 credits

A critical examination of the literature and research. Training, ergogenic aids, nutrition, injuries, and work in the heat are among the topics discussed.

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PED 626 Theories of Exercise

Prescription 3 credits

Prerequisite: PED 461.

An introduction and overview of therapeutic exercise, including basic principles of exercise prescription and evaluation. Emphasis is placed upon orthopedic rehabilitation and exercise prescription techniques.

PED 628 Cardiac Rehabilitation 3 credits

Prerequisites: PED 463 and 621.

Principles and processes of restoring and maintaining optimal well-being for the cardiac patient. Program designs, medical surgical management, patient education, exercise prescription guidelines, testing methodology, pharmacology, and coronary risk factor reduction.

PED 630 Psychology of Sport 3 credits

Selected psychological factors that influence participation in sport and physical education; personality, dynamics, motivation, aggression, competition, with emphasis on research and theoretical implications.

PED 632 Introduction to Sports Management 3 credits

Application of management theory to athletics and sport organizations. Introduction to problems in sports management. General overview.

PED 636 Athletic Administration 3 credits

Application of administrative theory to administrative problems in intercollegiate and interscholastics.

PED 637 Organization and Administration in Physical Education 3 credits

An investigation into the processes of appropriate organization and administrative techniques and procedures useful in efficient management.

PED 638 Sport in American Culture 3 credits

An examination of the nature and place of sport in American life; an analysis of the interrelationships between sport and institutions, social systems, and culture; and an exploration of the impact sport has on the individual coach, participant, and spectator.

PED 639 Introduction to Sports Law 3 credits

General overview. Through assigned readings and case analyses, one gains knowledge of the variety of laws as applied to sport. State and national laws are introduced and applied to sport. For the administrator, coach, or teacher.

PED 643 Movement Experience for Elementary School Children 3 credits

A comprehensive study of movement, in relation to motor and perceptual motor development in children. Includes movement activities for the elementary school child, curricula and program development.

PED 650 Research and Design of Experiments 3 credits

Survey and critical analysis of different types of research in physical education; analysis of techniques and designs; statistics.

PED 651 Seminar in Current Issues in Physical Education 3 credits

Critical issues at the local and national levels. Survey of literature and analysis of current practices.

PED 652 Curriculum Analysis 3 credits

Major issues in curriculum planning, the present status of physical education programs, and experimental development in curriculum.

PED 653 Motor Learning 3 credits

Psychological and physiological factors affecting the acquisition of motor skills. Emphasis on the teacher's role in facilitating learning.

PED 654 Biomechanics 3 credits

Prerequisite: PED 461 or 494.

Body framework and architecture and neuromuscular considerations as applied to human movement. Analysis of movement and its applications to teaching and coaching of motor skills.

PED 656 Teaching Analysis 3 credits

Analysis of effective instructional techniques and aids. An examination of models and tools for the behavioral analysis of teaching and their application to physical education. Includes experiences in observing, recording, describing, and analyzing the teaching act.

PED 658 Neuromuscular Aspects of Human Performance 3 credits

A study of the neuromuscular system, its structure, nervous control function, and its role in establishing adaptations to exercise, training, and other stressors.

PED 664 Clinical Training 3 or 6 credits

Field work at Veterans Administration Hospital. Experiences include: work with the physically disabled, developmentally disabled, geriatric health care, general rehabilitation. 1,000 hours required for certification.

PED 670 Physical Education for the Developmental and Learning Disabled 3 credits

Characteristics and needs of the developmental and learning disabled; programs of physical education and recreational activities; methods of teaching basic motor skills and movement perception.

PED 671 Physical Education for the Exceptional Child 3 credits

The need and physical capacities of the special child for physical, emotional, and social adjustment. Emphasis on the

use of rhythm and movement in working with the emotionally disturbed child.

PED 673 Evaluation of Special Populations 3 credits
Techniques and methods of assessment and appraisal of disabled students in physical education. Techniques of assessment in fitness, body mechanics, and motor patterns.

PED 676 Physical Education Recreation for the Physically Disabled 3 credits
The organization and administration of recreational activities for the disabled. Adapted programs for the physically, mentally, and emotionally disabled are reviewed. Curriculum and design for special recreational programs and camping are developed. (At Human Resources Center, Albertson.)

PED 680 Advanced Topics in Physical Education 3 credits each semester
Prerequisite: permission of department.
A series of seminars involving intensive literature review and discussion in an area related to: special physical education, motor learning, biomechanics, fitness education, medical aspects of sport, exercise physiology, and sport management. Advanced topics are designed for post-master's and advanced master's degree students who have previously completed prerequisite course requirements.

PED 791 Independent Study 3 credits
Prerequisite: permission of department.
Comprehensive investigation of an area of special interest.

PED 792 Internship 3 credits
Supervised field experience.

PED 793 Thesis Research 3 credits each semester

PED 794, 795 Field Work: Physical Education for the Developmental and Learning Disabled 3 credits each
Practical application of theoretical principles to the physical education environment. Supervised field experiences with developmental and learning disabled children in the school and community agency.

PED 796, 797 Field Work: Physical Education for the Physically Disabled 3 credits each
Practical application of theoretical principles to the physical education environment. Supervised field experience with physically disabled children in the school and community agency.

PED 799 Advanced Practicum in Physical Education 3 credits
Prerequisites: PED 653, 654, 656, and permission of department.
Designed to provide students with the opportunity to implement and evaluate innovative concepts and procedures in

teaching and curriculum design related to the training of competent physical education teachers.

Leisure Studies (Recreation)

LES 600 Perspectives in Leisure/ Recreation Management 3 credits
Leisure as a phenomenon of time will be explored. The implications for leisure management of current philosophy and theory of leisure together with a perspective on social and economic forces will be examined. The play ethic versus the work ethic will be contrasted within the context of managing services for continuing lifestyles.

LES 670 Leisure/Recreation Facilities Management 3 credits
A survey course designed to introduce the student to the operation of special facilities such as golf courses, rinks, coliseums, camps, beaches, pools, and sport complexes. The administrative, supportive, and maintenance services unique to the operation and organization of such recreational facilities will be reviewed.

COMMUNICATION SCIENCES AND DISORDERS

Speech-Language Pathology and Audiology

SPH 600 Speech and Hearing Science 3 credits
An overview of speech production. Specific topics include speech articulation and acoustics, resonance models of the vocal tract, basic instrumentation, basic principles of spectrographic analysis, practical experience with speech instrumentation and measurement techniques.

SPH 602 Speech and Language Development 3 credits
Open to non-speech pathology majors and graduate speech pathology majors only with permission of department.

The study of patterns of speech and language acquisition in normal children. Topics include theories of speech and language acquisition; techniques for psycholinguistic analysis; milestones in the development of syntax, semantics, phonology, and pragmatics; cultural/linguistic diversity; and general principles for the facilitation of speech and language development in children at risk for delays/disorders in speech/language development.

SPH 603 Language Disorders in Children I 3 credits
An in-depth study of communication disorders exhibited by children birth to five years of age with developmental disabilities. Language assessment techniques and remediation strategies are discussed in terms of normal developmental

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models. Multicultural/multilingual and technology issues are considered.

SPH 605 Advanced Aural Rehabilitation 3 credits
Lectures and demonstrations are structured to acquaint the student with the history, theories, clinical approaches, materials, and research related to speech reading, auditory training, and speech conservation for the deaf and hearing impaired. Topics include ASL, deaf culture, auditory verbal approaches, and total communication.

SPH 606 Advanced Clinical Audiology I 3 credits
An advanced treatment of the fundamentals of diagnostic audiology are presented. Topics include: anatomy and physiology of hearing, pure tone audiometry, speech audiometry, acoustic immittance, site of lesion testing, and pediatric audiology.

SPH 607 Advanced Clinical Audiology II 3 credits
Prerequisite: SPH 606.

Advanced study of the following topics on auditory disorders of the ear and hearing: auditory deprivation; sensorineural hearing loss/presbycusis; noise trauma (industrial audiology/hearing conservation); auditory phenomena (recruitment, adaptation, tinnitus). In addition, demonstrations and discussion of the rationale, methods, and interpretation of behavioral site-of-lesion tests, including central auditory testing, will be provided.

SPH 608 Application of the Microcomputer to Diagnostics and Remediations of Communicative Disorders 3 credits
Addresses current diagnostic and therapeutic applications of the microcomputer to the speech- and language-impaired individual. Lectures, videotapes, and software demonstrations are presented to illustrate the various applications. Specific needs of special populations such as the developmentally disabled, autistic, and neurologically impaired are addressed. Students learn to review available software critically.

SPH 609 Psychoacoustics and Instrumentation 4 credits
An examination of the bases of normal auditory perception; a discussion of the processes underlying auditory phenomena are integrated with a demonstration of techniques and instrumentation used to measure these phenomena; topics covered include basic electronics, calibration, measurement of sound, perception of loudness and pitch, binaural hearing and masking; laboratory exercises will be provided. A one hour/week lab is required.

SPH 610 Speech Disorders in Children 3 credits
An in-depth examination of the nature of normal articulatory/phonological development, the nature of speech disorders and differences (foreign/regional accents) in children and the nature of assessment and therapy. Emphasis on the application of theory to clinical decision-making process.

SPH 611 Motor Speech Disorders 3 credits
Study of disorders of neuromotor origin that affect speech production; a review of anatomy and physiology of the central nervous system and detailed study of physiologic correlates of the dysarthrias and the apraxias. Topics include: dysphagia, augmentative communication, and laryngectomy.

SPH 613 Advanced Speech Science 3 credits
Prerequisite: SPH 600.

Advanced study of speech production and perception; topics include a detailed study of the physiologic and acoustic characteristics of speech, segmental and suprasegmental features of speech, current models of speech production and perception, practical laboratory experience with basic speech instrumentation and clinical speech measurement techniques.

SPH 620 Fluency Disorders 3 credits
Study of theoretical issues; current research; development and symptomatology of stuttering, cluttering, and other related pathologies; evaluation procedures and therapeutic approaches for preschool, school-age, and adult populations.

SPH 624 Language Disorders in Adults 3 credits
Focuses primarily on the disorders of neurogenic origin that affect language performance, specifically acquired aphasia, the dementias, and disorders of traumatic origin. Neurological bases of these disorders, language assessment techniques, and remediation strategies are considered.

SPH 630 Voice Disorders 3 credits
Prerequisite: SPH 600 and 613.

A review of normal ventilatory, laryngeal, and supralaryngeal function for voice production; an overview of clinical voice disorders: their classification, diagnosis, and management. Experience is provided using and interpreting objective clinical measurement techniques in the evaluation of the phonatory function.

SPH 634 Diagnostic Procedures in Speech-Language Pathology 3 credits
Survey of the representative tests and measurement techniques for the various speech and language pathologies. Emphasis will be on developing an understanding of the rationale of the various assessment approaches, as well as acquainting students with the diagnostic process, including report writing, interviewing, and interpretation of test results.

SPH 636 Dysphagia: Evaluation and Management 3 credits
The study of disorders of swallowing in the pediatric and adult populations. Intensive review of the anatomy and physiology of the normal swallowing mechanism; abnormal swallowing problems and their symptoms; assessment of deviant swallow patterns and clinical management.

SPH 638 Language Disorders in Children II

3 credits

A description and discussion of a range of developmental disorders in older language learners between the ages of 5–21 years. Specifically, developmental disorders are discussed in terms of language production and comprehension aspects in relation to normal developmental issues. Language assessment techniques, including authentic assessment and remediation strategies will be discussed in terms of normal developmental models and cultural/linguistic diversity.

SPH 640 Differential Diagnosis of Auditory Disorders I

4 credits

Prerequisite: SPH 606.

This course will provide an in-depth study of the rationale, equipment, procedure, and interpretation of the following electrophysiologic tests of audiology: Auditory, Brainstem Response (ABR) and Immittance Audiometry.

SPH 641 Differential Diagnosis of Auditory Disorders II

3 credits

This course will provide an in-depth study of the rationale, equipment, procedure, and interpretation of the following electrophysiologic tests of audiology: Otoacoustic Emissions (OAE) and Electronystagmography (ENG).

SPH 642 Advanced Sensory Aids

4 credits

Prerequisite: SPD 601.

An advanced treatment of issues concerning the design and fitting of hearing aids and other sensory devices for the hearing impaired. Topics include principals of hearing aid fitting for adults and children, electroacoustic measurements, real ear measurements, ear mold acoustics, signal processing, tactile aids, and cochlear implants.

SPH 644 Pediatric Audiology

3 credits

Prerequisite: SPH 606.

The study of the following topics: incidence and causes of hearing loss at birth, in infancy, and childhood, pediatric hearing assessment techniques.

SPH 646 Oral Motor Function of the Developmentally Delayed Child

3 credits

Prerequisite: SPH 600.

This course focuses on the development of motor functions of the normal and atypical infant and young child. It establishes a framework for evaluating movement as a prerequisite and facilitator of pre-speech and speech function in the birth to three population. Therapeutic principles and strategies used in evaluation and treatment of such neurological dysfunctions as cerebral palsy, Down's syndrome, mental retardation will be examined.

SPH 660 Clinical Practice in Speech-Language Pathology and/or Audiology

3 credits

Prerequisite for Speech-Language Pathology students: SPH 671

Supervised clinical practice in the Hy Weinberg Center for Communication Disorders of Adelphi University.

SPH 661, 662, 663 Clinical Practice in Speech-Language Pathology and/or AudiologySPH 661 3 credits
SPH 662, 663 2 credits*Prerequisite: SPH 660.*

Supervised clinical practice in the Hy Weinberg Center for Communication Disorders or at off-campus sites.

SPH 664, 665, 669 Clinical Practice in Speech-Language Pathology and/or Audiology

1 credit each

Supervised clinical practice in the Hy Weinberg Center for Communication Disorders of Adelphi University, or at off-campus sites.

SPH 666, 667 Clinical Practice in Diagnostics

1 credit each

*Prerequisite: SPH 634, 603, 660.**Corequisites: SPH 638, 610.*

Supervised clinical practice in diagnostics in the Hy Weinberg Center for Communication Disorders of Adelphi University.

SPH 668, 669 Clinical Practice in Audiology or Speech-Language Pathology

1 credit each

Supervised clinical practice in audiology (for speech-language pathology students) or speech-language pathology (for audiology students).

SPH 670 Research Seminar in SLP, AUD, SP Science

3 credits

Principles of research emphasizing the evaluation of the internal and external validity of various research designs; the organization and analysis of empirical data; the review and critical evaluation of research in the communication sciences and disorders.

SPH 671 Clinical Seminar in Speech-Language Pathology

0 credit

A discussion of issues related to clinical practice and clinical methods, including principles of assessment and treatment.

SPH 675 Clinical Practicum in Bilingual Speech-Language Pathology

3 credits

Prerequisites: EDU 543, 641, 642.

Supervised clinical practice in speech-language pathology with bilingual children in a school setting. Attendance at a weekly seminar required.

SPH 700 Language and Thought

3 credits

Readings, discussion, and critique of contemporary theories in semantics, linguistics, comparative grammar, language acquisition, and neurolinguistics.

SPH 710 Advanced Anatomy, Physiology, and Theories: The Auditory Mechanism

3 credits

A detailed study of the peripheral auditory receptor and central auditory pathways. Theories of hearing in relation to

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contemporary research in cochlear function and auditory neural processing.

SPH 711 Advanced Anatomy, Physiology, and Theories: The Speech Mechanism *3 credits*
A detailed study of the peripheral speech mechanism, current theories of ventilation, phonation, and supralaryngeal function; an examination of select aspects of the human nervous system as related to speech production.

SPH 712 Neurological Bases of Speech *3 credits*
Includes study of the central and peripheral nervous systems, the sensory coordinating motor systems, the endocrine coordinating system, and the neural integration of the systems associated with speech.

SPH 713 Otolaryngological Aspects of Speech Pathology and Audiology *3 credits*
The anatomical and physiological functions of the speech and hearing mechanism as it relates to the production and reception of speech.

SPH 720 Experimental Phonetics *3 credits*
Phonological, acoustic, and physiological parameters involved in speech perception, phonetic, phonemic, and acoustic analysis and synthesis.

SPH 721 Instrumentation *3 credits*
Theoretical principles and procedures in the selection, operation, calibration, and maintenance of instrumentation in the communication sciences; review of the electronics fundamentals and basic circuit design. Direct experience is provided with laboratory instrumentation and clinical measurement techniques common to contemporary clinical practice in the speech and hearing sciences.

SPH 740, 741 Seminar in Current Issues and Research Trends in Speech Pathology and Audiology *3 credits each*
Readings and discussion on current issues and research in the field.

SPH 799 Continuous Matriculation

SPH 800 Advanced Seminar in Differential Diagnosis of Communicative Disorders *3 credits*
An exploration of current techniques and methodology involved in the differential diagnosis of disorders of speech, language, and hearing.

SPH 801 Theoretical Foundations of the Remediation of Language Disorders in Children and Adults *3 credits*
An analysis of theoretical models and concepts (information theory; developmental psycholinguistics; theories of phonology, syntax, semantics and pragmatics; behavioral models) that are relevant to the development of therapy programs for various language impairments.

SPH 805 Proseminar in Audiology *3 credits*
A review and synthesis of current audiological practices will be presented for the speech-language pathologist. Topics covered will include: behavioral and physiological techniques in auditory assessment; trends and techniques in the fitting of prosthetic amplification; pediatric, community, and industrial audiology; aural rehabilitation of children and adults. Faculty and guest expert presentations will provide the bases for discussion on these topics. Oral and written presentations will be made by students.

SPH 831 Seminar in Prosthetic Amplification *3 credits*
A doctoral level study of theoretical, technical, and clinical issues in prosthetic amplification. Topics include: hearing handicap assessment; binaural amplification; Vanderbilt Report; acoustic coupling consideration; hearing-aid related legislation; dispensing issues.

SPH 832 Management of the Acoustically Handicapped *3 credits*
Linguistic development of the hearing-handicapped encountered in language learning. Rationale for approach to treatment will be emphasized.

SPH 860-863 Clinical Practice *2 credits each*
Students perform supervised clinical practice in a variety of professional settings.

SPH 864 Practicum in College Teaching *2 credits*
Students teach undergraduate courses under direct supervision of faculty.

SPH 895 Doctoral Thesis Seminar *3 credits*
Selection, preparation, and design of a research project for potential submission as a thesis topic proposal. Continuous course enrollment is subsequently required on a noncredit basis until the thesis topic proposal has received departmental approval.

Deaf Studies

SPD 521, 522, 523 Beginning/Intermediate/Advanced ASL Sign Language *3 credits each*
Emphasis is on the development and expansion of receptive and expressive American Sign Language skills and finger-spelling. Deaf culture issues will be emphasized. Placement in courses other than beginning will depend on satisfying completion of the previous course or permission of the instructor.

SPD 528 Technology in Deaf Education *1 credit*
Introduces teachers to the application of computer software used in the field of deaf education. Evaluation and adaptation of FM units will be studied. This course will be given either on the Adelphi campus or in a school for the deaf.

SPD 600 Auditory Disorders *3 credits*

Evaluation of testing procedures appropriate for the diagnosis of hearing impairment will be discussed. Diseases and syndromes leading to deafness/hearing impairment will be the focus of this course. Degrees of hearing loss in relation to specific disorders as well as differential diagnosis of types of hearing impairment will be explored.

SPD 601 Amplification Systems *3 credits*

Evaluation of various types of amplification systems and hearing aids will be discussed as they relate to the learning and instructional process. Hearing aids, auditory trainers, and other amplification systems will be studied.

SPD 604 Language Development of Deaf/Hearing Impaired *3 credits*

The study and evaluation of the language of hearing children will be compared to that of the deaf/hearing impaired child. Various language systems will be discussed including natural language, whole language, and ASL. Assessment, diagnosis, and therapy techniques will be explored.

SPD 605 Aural Habilitation of Deaf/Hearing Impaired *3 credits*

An overview of speech, speechreading, auditory training, and auditory oral skills in the deaf/hearing impaired child will be presented. Emphasis will include speech/language systems used in educational settings. Therapy techniques will be explored.

SPD 610 Adapting Elementary Education Instructional Methods for Deaf/Hearing Impaired *3 credits*

Current teaching methods and strategies appropriate for the deaf/hearing impaired child will be explored. Specific techniques encompassing individual philosophies will be demonstrated. The functional adaptation of theory and research will be applied to the elementary deaf/hearing impaired student.

SPD 611 Adapting Intermediate Instructional Methods for Deaf/Hearing Impaired *3 credits*

Adaptation of curriculum and instructional strategies will be emphasized. Methods and resources appropriate for the deaf/hearing impaired student will be explored and demonstrated. Focus will be on selecting and modifying materials appropriate for this population.

SPD 620 Perspectives on Deafness *3 credits*

Cultural, social, and educational issues relating to deafness from infancy through adulthood will be explored. The focus will be on an orientation to various cultural perspectives relating to deaf children and adults.

SPD 621 Approaches to Teaching the Multiple Disabled Deaf/Hearing Impaired *3 credits*

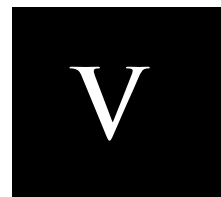
Various methodologies for teaching deaf students with additional handicaps will be explored and demonstrated. The course will assist teachers of deaf/hearing-impaired students in developing appropriate skills for teaching with secondary handicaps.

SPD 630, 631 Student Teaching *6 credits each*

Students will be placed in schools for the deaf. Supervised internship will be provided. Students will be responsible for attending a weekly student teaching seminar.

SPD 640 Supervision and Administration in Deaf Education *3 credits*

Students will explore the similarities and differences in the administration of schools for the deaf as compared to public schools. Issues such as funding, hiring practices, and budgeting will be discussed.



SCHOOL OF
NURSING

School of Nursing

Alumnae Hall 220

Kathleen Bond, *Acting Dean*

Jean Winter, *Associate Dean*

Professors

Dorothea Hays

Elaine Pasquali

Catherine Windwer

Caryle G. Wolahan

Associate Professors

Judith Ackerhalt

Anice Campagna

Althea Davis

Carol Lamanno

Nancy Noel

Marybeth Ryan

Arlene Trolman

Assistant Professors

Stefni Bogard

Emeh Ekpo

Marilyn Klainberg

Mary McLaughlin

Margaret Silver

Jean Winter

Professional Philosophy

The mission of the Adelphi University School of Nursing is to educate nurses who will be influential in the transformation of health care in the 21st century. As a constituent of the University, the School of Nursing is committed to the study of liberal arts, sciences, and nursing.

The scope of professional nursing requires specialized knowledge and skills, based on theory, research, and practice. Nurses are accountable to clients, society and the profession for the quality of care provided. The curriculum is planned to allow students to build progressively on knowledge previously gained and to develop skills at advancing levels of practice. Baccalaureate education in nursing is the foundation for professional practice. Students at the Master's level are prepared for advanced nursing practice and for the pursuit of doctoral study.

The Post-Master's Certificate and Continuing Education programs are offered to meet the ongoing educational needs of nurses in the community.

Programs of Study

A. Master of Science

1. Concentration in Advanced Nursing Practice
 - Adult-Health Nursing
2. Concentration in Nursing Service Administration

B. Post-Master's Certificate Program

1. Nursing Administration
2. Adult Health Nurse Practitioner

C. Joint MS/MBA Degree Program

The Master of Science

The Master of Science (M.S.) program prepares advanced practice nurses for the roles of nursing administrator and nurse practitioner in adult-health nursing. Planned educational experiences include study of people in health and illness and practice of nursing intervention with individuals, families, groups, and communities. Through this rich and cohesive curriculum, students emerge as leaders able to solve problems, make decisions, and initiate change.

The 45–48-credit program leading to the Master of Science consists of 9–12 credits of foundation courses, 30 credits in the nursing major, and 6 credits of research and master's project guidance. The program provides a foundation for doctoral study, is accredited by the National League for Nursing Accrediting Commission (61 Broadway, New York, New York, 10006, (212) 363-5555), and has received preliminary approval from the Commission on Collegiate Nursing Education. The School holds membership in the Council of Baccalaureate and Higher Degree programs of the National League for Nursing, the American Association of Colleges of Nursing, and the National Organization of Nurse Practitioner Faculties.

Degree Requirements for the Master of Science

Candidates for the degree of Master of Science must satisfactorily complete a program of study of 45–48 credit hours and submit a master's project. Candidates must also fulfill all requirements of the curriculum in which they are enrolled.

The required Master's Project is a scholarly paper for which a number of options are available. These include a project proposal that does not require implementation for graduation; completion of a qualitative or quantitative research project; an evaluation research project; or an educational or administrative project.

Degree requirements must be completed within five years after matriculation. At the end of the five-year period, the student's record is reevaluated in terms of the curriculum in effect at the time and is advised of any additional requirements for graduation. The responsibility of fulfilling degree requirements rests with the student. The period of matriculation begins at the end of the semester in which the student becomes a degree candidate.

Concentration in Advanced Nursing Practice

The advanced nursing practice concentration entails in-depth study of adult-health nursing. The curriculum integrates theoretical knowledge and practical skills while exploring the issues and forces within the health care delivery system that affect the roles of the advanced practice nurse. Students have opportunities to work with advanced practice nurses and other health professionals in a variety of clinical settings.

Adult-Health Nursing Component

(46–48 credits)

Through study of the many facets of physical illness and nursing care, this component prepares students to become nurse practitioners in adult-health nursing. The program emphasizes scientific inquiry as a tool for building clinical knowledge and testing the validity of the theoretical assumptions underlying nursing practice.

Program Plan*

Adult-Health Nursing— Nurse Practitioner

Required Courses

NUR 602	Ways of Knowing
NUR 603	Educational and Counseling Interventions
NUR 604	Small Group Phenomena
NUR 702	Health Issues, Policy, and Politics in Health Care

Specialty Core Courses

NUR 761	Advanced Practice Roles and Functions
NUR 762	Advanced Pathophysiology
NUR 763	Clinical Pharmacology
NUR 764	Advanced Health Assessment

Specialty Courses

NUR 633	Adult-Health Nursing I: Theory
NUR 635	Adult-Health Nursing I: Seminar
NUR 638	Adult-Health Nursing II: Theory
NUR 639	Adult-Health Nursing II: Seminar
NUR 658	Adult-Health Nursing III: Theory
NUR 659	Adult-Health Nursing III: Seminar

* Course sequences and plans for students are developed individually in consultation with the faculty advisor.

Internship

NUR 742	Seminar/Clinical I
NUR 749	Seminar/Clinical II

Research Courses

NUR 650	Nursing Research I
NUR 750	Nursing Research II
NUR 751	Project Advisement

Concentration in Nursing Service Administration

(45 credits)

The concentration in nursing service administration prepares nurse managers who can function in a variety of health care settings. Topics include nursing theories, group dynamics, communication, and professional issues and trends. To prepare to serve as leaders in improving health care services, students study leadership roles in the health care field. Through the program's research component, students gain practice in analyzing and implementing research findings.

Program Plan***Required Courses**

NUR 602	Ways of Knowing
NUR 604	Small Group Phenomena
NUR 702	Health Issues, Policy, and Politics in Health Care

Specialty Courses

HRM 765	Developing World Class Human Resources
MGT 561	Management Theory/Organizational Behavior
ACC 500	Financial Accounting
HHM 776	Hospital and Health Care Finance
NUR 664	Collective Bargaining
NUR 665	Legal Issues
NUR 666	Ethical Issues
NUR 768	Health Promotion and Illness Prevention Program Development

NUR 769	Roles and Functions of the Nursing Service Administrator
NUR 770	Seminar and Related Practicum in Administration

Research Courses

NUR 650	Nursing Research I
NUR 750	Nursing Research II
NUR 751	Project Advisement

* Course sequences and plans for students are developed individually in consultation with the faculty advisor.

Joint M.S./M.B.A. Degree Program

(69–71 credits)

Nurse administrators increasingly are becoming integral members of administrative teams within health service organizations and are competing for leadership positions with individuals from non-nursing backgrounds. Their responsibilities have grown in the areas of long-range strategic and financial planning, resource management, implementation of outcomes-based approaches to quality patient care, governance of board meetings, and management of multiple patient care departments. This combined 69–71-credit program with the School of Nursing and the School of Business allows the registered nurse holding a bachelor's degree to complete the Master of Science in Nursing and Master's in Business Administration. The program incorporates contemporary management theory, business fundamentals and essential core competencies, knowledge, skills, and values of advanced professional nursing practice. The objective of this joint degree program is to prepare leaders who facilitate and embody the competencies required to help transform health service organizations and health systems as a whole.

Program Plan***Nursing Requirements**

(33–35 credits)

Required Courses

NUR 602	Ways of Knowing
NUR 604	Small Group Phenomena
NUR 702	Health Issues, Policy and Politics

Specialty Courses

NUR 664	Collective Bargaining
NUR 665	Legal Issues
NUR 666	Ethical Issues
NUR 768	Health Promotion and Disease Prevention Program Development
NUR 769	Roles and Functions of Nursing Service Administrator
NUR 770	Seminar and Practicum in Nursing Administration

Research Courses

NUR 650	Nursing Research I
NUR 750	Nursing Research II
NUR 751	Project Advisement

Management Requirements (39 credits)

ACC 500	Financial Accounting
ECA 520	Macroeconomics
ECA 521	Microeconomics
MGT 561	Management Theory and Organizational Behavior
OPR 573	Management Information Systems
MKT 580	Marketing Management
ACC 600	Accounting for Managerial Analysis
FIN 630	Corporate Finance
OPR 678	Best Practices Production and TQM

FIN 734	Building Shareholder Value Through Competitive Analysis
HRM 765	Developing World Class Human Resources
HHM 772	Org. Sys. Delivery of Health Care
HHM 776	Hospital and Healthcare Finance

*Course sequences and plans for students are developed individually in consultation with the faculty advisor.

Post-Master's Certificate Program

Designed for students who already hold a master's degree in nursing, the Advanced Certificate program provides an educational route to respecialize in an area other than that studied in their master's program. The program aims to strengthen the administrative or clinical capability of master's-prepared nurses who are planning or are already involved in a role expansion or role change. Some examples are: the clinical specialist who is moving into an administrative or nurse practitioner role; and the nurse whose major was teaching and who wishes to become a nurse practitioner.

The program is individualized for each applicant. It is a part-time course of study that includes 24–30 credits of master's courses, at least 12 of which must be taken at Adelphi University. The certificate is awarded upon successful completion of required courses. Prior graduate courses are evaluated for possible advanced standing in the certificate program.

Areas of study include nursing administration and nurse practitioner in adult health nursing.

Grading System

The grading system is consistent with the grading system used in master's degree courses.

Nursing Administration

(24 credits)

See description on page 115

NUR 664	Collective Bargaining
NUR 665	Legal Issues
NUR 666	Ethical Issues
NUR 768	Health Promotion and Disease Prevention Program Development
NUR 769	Roles and Functions of Nursing Service Administrator
NUR 770	Seminar and Practicum in Nursing Administration
ACT 500	Financial Accounting
MGT 561	Management Theory and Organizational Behavior
HRM 765	Developing World Class Human Resources
HHM 776	Hospital and Healthcare Finance

Advanced Nursing Practice

See description on page 115

Adult-Health Nursing for Master's-Prepared Nurses from Other Nursing Specialties

Nurse Practitioner (28–30 credits)

Specialty Core Courses

NUR 761	Advanced Practice Roles and Functions
NUR 762	Advanced Pathophysiology
NUR 763	Clinical Pharmacology
NUR 764	Advanced Health Assessment

Specialty Courses

NUR 633	Adult-Health Nursing I: Theory
NUR 635	Adult-Health Nursing I: Seminar

NUR 638	Adult-Health Nursing II: Theory
NUR 639	Adult-Health Nursing II: Seminar
NUR 658	Adult-Health Nursing III: Theory
NUR 659	Adult-Health Nursing III: Seminar

Internship

NUR 742	Seminar/Clinical I
NUR 749	Seminar/Clinical II

Adult-Health Nursing for Nurse Practitioner Post-Master's Certificate Program

(18 credits)

The Nurse Practitioner program prepares nurses who are already clinical nurse specialists to deliver primary care in the area of Adult Health Nursing.

NUR 761	Advanced Practice Roles and Functions
NUR 762	Advanced Pathophysiology
NUR 763	Clinical Pharmacology
NUR 764	Advanced Health Assessment
NUR 765	Clinical Specialization I
NUR 766	Clinical Specialization II

Admission to All Programs

In order to be admitted to the master's program in nursing, the applicant must be a currently licensed registered professional nurse holding the baccalaureate degree from a professionally accredited baccalaureate program. The student's preparation must include upper division theory and practice in parent-child, adult health, psychiatric, and community health nursing. Applicants are required to have completed a basic statistics course earning a grade of B or better. Applicants must also meet all prerequisites for their chosen specialty.

The applicant must have had at least two years of clinical practice in nursing prior to taking specialty courses. For students in the advanced practice majors, one year of practice should be in the intended area of specialization, or its equivalent. Each applicant must have a 3.0 grade-point average or B average, personal qualities necessary for advanced graduate study, and promise of successful professional development in the chosen field of specialization.

In order to be admitted to the Post-Master's Certificate program, the applicant must be a registered professional nurse and provide evidence of an earned master's degree in nursing.

The faculty reserve the right to require additional supportive data or prerequisites if any question arises from the evaluation of an applicant.

In addition to the University admissions requirements set forth elsewhere in this Bulletin, applicants for admission to the graduate programs must submit the following:

- Two letters of reference from the applicant's most recent employers. Applicants to the advanced practice components are also required to provide a letter of reference from a supervisor of the applicant's clinical practice.
- The application fee.

Applicants for the Post-Master's Certificate program should submit only the following:

- Application forms.
- Evidence of having received a master's degree in nursing, i.e., diploma or transcript.
- Application fee.

Admission to Joint Degree Program, M.B.A. in Management and M.S. in Nursing

Students can apply to the M.S. and M.B.A. programs concurrently. One application and one set of transcripts, references, and other supporting documents should be sent to the Office of University Graduate Admissions. Students may exit the program after completion of the requisite 45 credits for the M.S. in nursing. Students who are currently enrolled in the master's program in nursing administration and who wish to enroll in the joint degree program must apply directly to the School of Business prior to enrolling in NUR 770. An additional 24 credits will be required for the M.B.A.

Admission Requirements

1. Current licensure as a registered nurse.
2. Possession of a baccalaureate degree in nursing from a professionally accredited program or a non-nursing baccalaureate degree plus a passing score on the NLN baccalaureate comprehensive achievement test.
3. Completion of a basic statistics course with a grade of B or better.
4. A minimum of two years of practice in nursing prior to taking specialty courses. One year of practice should be in nursing service administration.
5. Official transcripts from all previous colleges or universities attended.
6. Grade point average of 3.0.
7. Two letters of recommendation from the applicant's recent employers.
8. Graduate Management Admission Test (GMAT results).
9. A statement of personal objectives.
10. International applicants must have obtained a minimum score of 550 on Test of English as a Foreign Language (TOEFL) within the past two years; a declaration and certificate of finances; and certified English translations of all prior academic records.

Advanced Standing

The transfer of credits earned at another institution is allowed only for comparable graduate courses completed with a grade of B or higher within five years preceding the date of entrance to the School of Nursing of Adelphi University. Evaluation of advanced standing is made by the School of Nursing. A maximum of 12 graduate credits may be accepted as applicable toward the M.S. degree.

Matriculation

Students are considered matriculated when they have been accepted into the program as a degree student and enrolled in at least one course. Students in the master's program have five years to complete their requirements.

Continuous Matriculation

Leaves of Absence are not an option in the master's program. In every spring or fall semester in which students do not register for a course, they must register for Continuous Matriculation. This mandatory registration enables the student to secure status as a matriculated student, continue to receive all student correspondence and maintain library and other campus privileges. Failure to maintain matriculation will result in the student's being dropped from the program.

Reinstatement

Students seeking to reenter the graduate program after withdrawal or after expiration of their period of matriculation must apply for reinstatement. Reinstated students must meet the admission and degree requirements in effect at the time of reinstatement. Applications for reinstatement should be submitted at least two months prior to the opening of the semester in which the student wishes to reenter.

Grading System

Credits earned with a grade of A or B are automatically applied toward degree requirements when the course in question is applicable toward such requirements. The minimally acceptable grade in all required courses is B-. In the master's program C- is the minimally acceptable grade for electives. Required courses with a grade of C+, C, or C- may be repeated once with permission of the instructor and academic advisor. *Failure to meet the above grading requirements will result in dismissal from the program.*

For further information on the University grading system, and on Withdrawals (Ws) and Incompletes (Is), see the section titled "Grading System" in this *Bulletin*.

NOTE: A course with a grade of I prohibits a student from registering for the next requisite course in the course sequence.

Students with two or more Incompletes may not register for future course work until at least one Incomplete is removed.

General Information

Health Regulations for Nursing Majors

Maintenance of high standards of health is the responsibility of every citizen. Students in nursing programs have an additional responsibility in protecting themselves because they come in contact with a variety of individuals who are physically sick. Therefore, each candidate, prior to registration for clinical courses, is required to present evidence of having completed the immunizations and examinations listed on the University medical form. The health requirements are listed below:

- Annual Physical
- Annual Mantoux (with CXR if positive)
- MMR Titers showing immunity
- Tetanus within 10 years
- Hepatitis B Vaccine Series or
- Hepatitis B Declination Statement
- Varicella Titer (this is now required by some of the hospitals)

Health forms are provided by the School of Nursing and must be submitted to the University Health Services Center before each fall semester. Failure to submit a health form will result in suspension from clinical experiences.

Insurance

All students are required to have accident and health insurance in order to participate in a clinical practicum. All students must carry professional malpractice insurance, which is provided at low cost through a group policy.

School of Nursing Learning Center

The School of Nursing Learning Resources Center includes a learning laboratory, a computer laboratory, a seminar room with demonstration bed, and a small auxiliary laboratory for physical assessment skills. The skills laboratory simulates the hospital setting with all appropriate and supportive supplies and equipment. These include advanced patient care mannequins and simulators, injecta-pads, intravenous training arms, ostomy models, and many other innovative educational devices. In addition to regularly scheduled classes held in the nursing laboratory, open laboratory skills sessions are held regularly with a clinical coordinator, providing all students with an opportunity for reinforcement of clinical learning.

School of Nursing Organizations

The School of Nursing Acting for Progress (SNAP) is an organization composed of all students and faculty of the School of Nursing, was formed to bring its constituents together to consider and discuss problems, issues, and concerns affecting the members of the School of Nursing. The organization stimulates interest and involvement in professional and social issues and provides a conducive environment for informal socialization among its members.

Honors in Nursing

Sigma Theta Tau

The School of Nursing's honor society is the Alpha Omega Chapter of Sigma Theta Tau, the International Honor Society of Nursing. The purposes of this organization are to:

- Recognize the achievement of scholarship of superior quality.
- Recognize the development of leadership qualities.
- Foster high professional standards.
- Encourage creative work.
- Strengthen commitment on the part of individuals to the ideals and purposes of the profession of nursing.

Graduate students who have achieved a grade-point average of 3.5 on the graduate level and who have successfully completed one-quarter of the graduate program may be considered for membership.

Financial Aid

Sigma Theta Tau Scholarship

Each year, the Alpha Omega chapter of Sigma Theta Tau offers a Nursing Scholarship Award. Eligible are full- or part-time master's students who are members of Alpha Omega who have a minimum grade-point average of 3.5, and who demonstrate accomplishment and leadership in professional endeavors and community activities. The Alpha Omega chapter of Sigma Theta Tau also offers annual research awards. Master's students who are active members of Alpha Omega chapter may apply.

Employer Tuition Reimbursement

Employer Billing

If a company will pay the University directly regardless of the student's grades, an authorization from the employer must be submitted to the Office of Student Financial Services at the time of registration. The student will be required to pay all tuition and fee charges not covered by their employer at the time of registration. Students may participate in this program as long as payment is not contingent upon successful course completion.

Employer Deferment

Students who will be reimbursed by their employer only after a grade is received must present an official letter of intent from their employer, specifying the tuition and fees covered. The student will be required to pay all remaining tuition and fees and the \$75 reimbursement deferment at the time of registration.

Students should ask their employer or union about participation in either of these programs.

Waiver of Academic Regulations

Students may petition the dean of the School of Nursing for a waiver of an academic regulation of the school.

COURSES OF INSTRUCTION

SCHOOL OF NURSING

NUR 602 Foundation A: Ways of Knowing 3 credits

Examines various theoretical and conceptual frameworks basic to advanced nursing practice. The course explores ways of developing knowledge through such processes as scientific inquiry, critical thinking, logic, and intuition. The relationship of critical thinking and theory development to practice, research, and education is emphasized.

NUR 603 Foundation B: Educational and Counseling Interventions 3 credits

Focuses on the role of the advanced practice nurse as a provider of education and counseling in practice settings. Students examine the impact of the changing focus of health care—from treatment to prevention and health promotion—on nurses' psychoeducational role. In addition, students practice basic communication skills required to fulfill the role, review research that has demonstrated the beneficial outcomes of patient education and counseling, and examine their practice to determine where and how to incorporate psychoeducational interventions. Problem-based self-directed learning is used to promote critical thinking and generate discussion about pertinent theories, problems, and issues.

NUR 604 Foundation C: Small-Group Phenomena 3 credits

Provides students with an opportunity to synthesize concepts, principles, and theories into a knowledge base for planning, leading, and evaluating small-group events. Students explore systematic approaches for diagnosing complex group problems and determining interventions.

NUR 633 Adult-Health Nursing I: Theory 3 credits

Prerequisites: NUR 602, 603, 761, 762, 763, 764.

This course focuses on the primary care practice of the advanced nurse practitioner. Theories and skills related to comprehensive health assessment, health promotion and maintenance, and the prevention of disease in adolescence and across the adult's lifespan are emphasized. The practicum experience includes a community assessment to identify available programs, resources, and population needs. As they provide primary health care to individual clients, students have the opportunity to explore selected advanced practice role functions, namely, director of care, teacher, and collaborator.

NUR 635 Adult-Health Nursing I: Clinical 1 credit
Corequisite: NUR 633.

Clinical gives students the opportunity to solve problems related to their work—providing primary health care to individual clients. Issues related to the advanced practice nurse role are also explored, and students experience role development within a supportive setting.

NUR 638 Adult-Health Nursing II: Theory 3 credits
Prerequisites: NUR 633 and 635, 602, 603, 761, 762, 763, 764.

This course focuses on the tertiary (chronic) care practice of the advanced nurse practitioner. Theories and skills related to the nursing care of adolescent and adult clients with chronic illness are addressed. Major emphasis is on the interaction of individual, illness, and family dynamics as they affect health status. Students have the opportunity to test a selected advanced practice role function, namely, case manager.

NUR 639 Adult-Health Nursing II: Clinical 1 credit
Corequisite: NUR 638.

Seminar gives students the opportunity to solve problems related to their clinical work with chronically ill adolescents and adults; explore the various roles and issues of the advanced practice nurse; and give and receive peer support while developing their roles as advanced nurse practitioners.

NUR 650 Nursing Research I 3 credits
Prerequisite: basic course in statistics.

Focuses on selected aspects of the research process, including review of literature, problem definition and hypothesis formulation, basic research design, and sampling theory. Based on a process of scientific inquiry, students explore and critically analyze theory and research findings related to their areas of interest.

NUR 658 Adult-Health Nursing III: Theory 3 credits
Prerequisites: NUR 633, 635, 638, 639, 603, 761, 762, 763, 764.

This course focuses on the secondary care practice of the advanced nurse practitioner. Theories and skills related to the nursing care of adolescent and adult clients with acute health problems are emphasized. Students also have the opportunity to test selected advanced practice role functions, namely, consultant and researcher.

NUR 659 Adult-Health Nursing III: Clinical 1 credit
Corequisite: NUR 658.

Clinical gives students the opportunity to solve problems related to their clinical work with acutely ill adults; explore the various roles and issues of the advanced practice nurse; and give and receive peer support while developing their roles as advanced nurse practitioners.

NUR 664 Collective Bargaining 1 credit

Explores labor relations information pertaining to professional issues in collective bargaining. The role of the nurse manager in the development of a proactive work climate and in the future of the collective bargaining movement in health care is explored.

NUR 665 Legal Issues 1 credit

Focuses on the areas of professional liability as it relates to negligence, intentional torts, and client consent. The roles of the nurse practitioner and nurse manager are explored as they relate to patient advocacy and risk management.

NUR 666 Ethical Issues 1 credit

Addresses three critical areas in current professional practice: the moral foundations of professional practice; the elements of ethical decision-making; and maintaining ethical practice climates in health care delivery systems.

NUR 702 Foundation E: Health Issues, Policy, and Politics in Health Care 3 credits

Focuses on selected trends and issues in health care and their interrelationship with nursing practice. Main emphases are on the analysis of issues and strategies to influence these trends so that nurses can make a greater contribution to the health care delivery system.

NUR 742 Seminar/Clinical I 4 credits
Prerequisites: NUR 633, 635, 638, 658, 659, 602, 603, 761, 762, 763, 764.

This course focuses on implementation of the advanced practice nurse role. Students work under the direct supervision of advanced nurse practitioners to assess, plan, implement, and evaluate health care for adults across the lifespan. During their practicum, students have the opportunity to synthesize and apply knowledge and skills acquired in previous specialty, research, and required core courses. This work is shared during seminar sessions.

NUR 749 Seminar/Clinical II 2 credits
Prerequisites: NUR 633, 635, 638, 639, 658, 659, 742, 602, 603, 761, 762, 763, 764.

This course is for students who require additional clinical hours to complete the internship experience begun in Seminar/Clinical I.

NUR 750 Research II 3 credits
Prerequisite: NUR 650.

This course continues the study of quantitative and qualitative nursing research begun in Research I. Knowledge and skills related to critiquing nursing research studies are further enhanced as students compare studies in an area of interest and cluster present knowledge within that area. The processes of planned change and nursing research utilization are also explored, with an emphasis on the interrelationship between them. Students have the opportunity to discuss their current/proposed research in seminar sessions.

NUR 751 Project Advisement 0 credits
(Fee course—equal to 3 credits)

In this noncredit individual advisement, students work with their master's project advisor towards completion of the master's project. Students are expected to register for advisement for each semester in which they seek guidance. Students cannot register for one semester and use that time in a subsequent semester.

NUR 761 Advanced Practice Roles and Functions 2–3 credits

A critical review and analysis of role theory in relation to the professional socialization of the nurse practitioner. Role implementation strategies are discussed, along with role performance as a clinician, consultant, educator, manager, and leader. Individual and collaborative practice in a variety of settings is addressed.

NUR 762 Advanced Pathophysiology 3 credits

A review of the pathophysiology of disease entities. Case studies are used to foster the development of critical thinking in interpreting changes in function that result in symptoms indicative of illness.

NUR 763 Clinical Pharmacology 3 credits
Prerequisite: NUR 762

This course focuses on the clinical application of the major classifications of drugs. Case studies are used to make clinical correlations. Application to special populations in primary, secondary, and tertiary care settings is addressed. Legal parameters for prescription writing protocols and factors promoting patient compliance with drug therapy are included.

NUR 764 Advanced Health Assessment 2–3 credits
Prerequisites: NUR 762, 763.

A critical review and analysis of health assessment as a model for the development of diagnostic reasoning skills. A regional approach to physical examination is introduced and practiced. A synthesis of the physical, psychosocial, developmental, occupational, and cultural assessments leads to a statement of the wellness/illness status of the individual.

NUR 765, 766 Clinical Specialization I, II 4 credits each
Prerequisites: NUR 761, 762, 763, 764.

These courses provide the opportunity for applying practical and theoretical knowledge to develop clinical knowledge via the application of critical thinking and diagnostic reasoning. The courses involve a total of 600 hours precepted clinical experience in the specialty area.

NUR 768 Health Promotion and Illness Prevention Program Development for Nursing Administrators 3 credits

This course will focus on the leadership role of the nurse administrator in health promotion and illness prevention program development. Students will examine the social, cultural, environmental, political, and economic contexts of health promotion and illness prevention policies and programs; further, students will identify characteristics of effective interventions. The process of planning, implementing, and evaluating health promotion programs in a variety of settings will be examined from a nursing perspective. Students will work individually and in small groups to draft proposals for health promotion or illness prevention programs.

NUR 769 Roles and Functions of the Nursing Service Administrator 4 credits

Through observation and dialogue with nursing service administrators in diverse practice settings, and through analysis of scenarios, students explore dimensions of the role of the nursing service administrator and identify knowledge and skills required to fulfill the role. Problem-based, self-directed learning is used to promote critical thinking and generate discussion about pertinent research findings, theories, problems, and issues.

NUR 770 Seminar and Related Practicum in Administration 8 credits
Prerequisites: all specialty courses.

Provides seminar and practical experience in the observation, participation in, and critical analysis of various roles and functions of nursing administrators.

NUR 870 Dissertation Advisement 0 credits
(Fee Course—equal to 3 credits)

This advisement is the final educational requirement for dissertation preparation and is continuous until completion of the research project. It provides one-to-one guidance necessary in development of the research project and in final preparation of the dissertation.

VI

GORDON F. DERNER
INSTITUTE OF ADVANCED
PSYCHOLOGICAL STUDIES

Gordon F. Derner Institute of Advanced Psychological Studies

Hy Weinberg Center 220

Louis H. Primavera, *Dean*

Patrick L. Ross, *Associate Dean*

Jonathan Jackson, *Director of Psychological Services*

Joseph Newirth, *Director of Postdoctoral Programs*

Susan Petry, *Head of Predoctoral Studies*

Distinguished Research Professor

George Stricker

Professors

Wilma S. Bucci

Rebecca C. Curtis

Morris Eagle

Lawrence Josephs

Morton Kissen

Robert Mendelsohn

Patrick L. Ross

Janice M. Steil

Ellenmorris Tiegerman

Associate Professors

Karen Lombardi

Joseph W. Newirth

Kate Szymanski

Joel Weinberger

Assistant Professor

Denise Hien

Clinical Professor

Jonathan Jackson

Assistant Clinical

Professors

Michael Civin

Michelle Collins

Diana Fosha

Dodi Goldman

Kirkland Vaughns

Professional Philosophy

Clinical psychology is a combination of scholarly inquiry and professional service. It draws on and contributes to the evolving body of knowledge about the workings of the human mind, while helping patients transform the ways they make meaning and relate to others. To participate in such a complex enterprise, the clinical

psychologist requires an unusual balance of qualities, including critical reasoning, erudition, creative imagination, and the empathy and sensitivity to work with patients. An education that aims to produce such a balance of qualities must combine academic learning from across many disciplines with thorough clinical training. Through such a curriculum, the Gordon F. Derner Institute of Advanced Psychological Studies educates clinical psychologists who are both professionals and scholars.

Founded by Gordon Derner in 1951, Adelphi's clinical psychology doctoral program was conceived as the first to emphasize the model of professional education proposed at the Boulder Conference on Clinical Psychology. The Boulder model proposed that a clinical psychology program must adhere to the following general principles: the clinical psychologist should have a core of knowledge and training common to all psychologists; the program should be of at least four years' duration, combining academic and clinical training, including an internship; preparation should be broadly directed toward both research and professional goals *rather than simply technical skills*; courses should be developed in sequence and be complementary rather than overlapping; the faculty should be neither over-dominated by the academy nor simply practical; continued contact throughout the training with clinical material is necessary, with the range extending from the normal to the abnormal population; a sense of professional responsibility and professional obligation must be instilled; cooperative work with persons of related disciplines is encouraged and sensitivity to the social implications of the psychologists' activities is essential; and throughout, research issues are to be emphasized. Thus, the program should hold fast to those principles that suggest that the psychologist will be a professional, trained in a research tradition. These principles suggest that the program be divided into the following major areas of instruction: general psychology, psychodynamics of behavior, diagnostic methods, therapy, research methods, professional ethics, and related disciplines.

Programs of Study

The Derner Institute offers the following master's, doctoral and postdoctoral programs:

- I. General Psychology (Master of Arts)
- II. Clinical Psychology (Doctor of Philosophy)
- III. Respecialization in Clinical Psychology (Certificate Program)
- IV. Postdoctoral Diploma
 - A. Psychotherapy and Psychoanalysis
 - B. Child and Adolescent Psychotherapy
 - C. Group Psychotherapy

Programs and Degrees

The Master of Arts in general psychology enables students to advance their exploration of human personality, psychodynamics, developmental and social psychology, and Freudian and contemporary psychoanalytic theory. It is a part-time program, designed to serve three broad groups: 1) students who will be able to make use of a master's degree to advance an already established career direction; 2) students who have an interest in future doctoral level training, but who need additional preparation to apply competitively for such a program; and 3) students who have a general interest in learning more about clinical psychology, but who have no specific clinical career path in mind. Courses for this program are offered at both the Garden City campus, and at the University's Manhattan Center, in Soho.

The Derner Institute also offers four doctoral and postdoctoral programs in psychology. Because the doctoral programs are scholar-professional programs and maintain the standard of a contribution to scholarship as a degree requirement, the Doctor of Philosophy degree is awarded. The doctoral program in clinical psychology prepares students who have a primary career goal of community practice, often combined with academic or research positions. The respecialization diploma program prepares doctoral-level psychologists who wish to make a career shift from another area of psychology into clinical psychology for community practice. The

postdoctoral diploma programs prepare candidates for community practice in psychotherapy and psychoanalysis, in child and adolescent psychotherapy, or in group psychotherapy.

The clinical psychology doctoral program consists of required courses of study with a balance of research, theory, biological and social bases of behavior, and extensive clinical practice in psychodiagnostics and psychotherapy supervised by a faculty member who is a practicing clinician. The respecialization diploma program serves to prepare nonclinical psychologists, through participation in academic work and intensive clinical training, to develop skills equal to those whose doctorates were earned in clinical psychology. The postdoctoral programs consist of a series of seminars in theory, technique, related areas, and case conferences; personal therapy and supervised practice are basic requirements of this program. The Master's program consists of seminar and lecture courses in general psychology from a psychodynamic perspective.

Clinical facilities for several of the programs are available on campus and in the community at Creedmoor State Hospital, Nassau County Medical Center, South Oaks Psychiatric Hospital, North Shore University Hospital, Queens General Hospital, several clinics, public schools, and other agencies. The Institute-directed teaching facilities are the Adelphi University Psychological Services Center and the Postdoctoral Psychotherapy Center. Special on-campus facilities include perception, learning, developmental, cognition, social, and applied research laboratories. There is close interaction with several health-related professional schools: Adelphi School of Nursing, Adelphi School of Social Work, Adelphi School of Business, and Adelphi School of Education.

The clinical psychology program has been APA-accredited since 1957 and meets the New York State Department of Education requirements for School Psychology Certification. The doctoral programs qualify graduates for the New York State Psychology licensing examination. Graduates of the postdoctoral program in psy-

chotherapy and psychoanalysis are eligible for society membership in the International Federation of Psychoanalytic Societies.

Courses of Study

Master's Program

The Master of Arts in general psychology requires completion of a 36 credit course of study composed of 24 core credits, 9 specialization credits, and a 3 credit exit project. Typically, students will complete their degree requirements in two years by taking two 3 credit courses in the fall, spring, and summer semesters. Specializations are offered in adult clinical psychology, child clinical psychology, industrial/organizational psychology, and research.

The M.A. in General Psychology

First Year

Fall

PSI 604	History and Systems of General Psychology
PSI 607	Developmental Psychology

Spring

PSI 602	Theories of Personality
PSI 603	Theories of Psychopathology

Summer

PSI 605	Social Psychology
PSI 606	Psychology Research Methods and Design

Second Year

Fall

PSI 608	Psychology of Sexuality and Gender
PSI 609	Consciousness and Cognition: Theories of the Mind

Spring

Two elective courses

Summer

PSI 620	Thesis Seminar One elective course
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Courses of Study

Doctoral and Postdoctoral Programs

Since 1951, the Institute and its precursor programs have accepted as a responsible educational goal in clinical psychology the training of scholar-professionals who have clinical practice as a career goal. In like manner, it has also accepted responsibility to meet the educational goals for students committed to a career of research and teaching. To accomplish these several purposes, a basic core of psychology is required of all clinical doctoral students, covering cognition, psychodynamic theory, developmental psychology, social psychology, statistics, research methods, psychometrics, physiological psychology, and professional ethics. Clinical theory courses and intensively supervised clinical practice are required of the clinical psychology and respecialization students. All of the clinical supervisors have had postdoctoral training, most are graduates of psychoanalytic institutes, and most are Diplomates of the American Board of Professional Psychology. Throughout all years in residence, students attend a weekly colloquium that serves as a forum for guest speakers, films, plenary meetings, and faculty or student presentations.

For the clinical psychology program and the respecialization program, the supervised clinical practice begins in the first year with assignments to a clinical facility for one day a week, along with two clinical courses that include theory and research and a half-day on-campus clinical laboratory. In the first weeks, the practice is generally observational, but the range of activity is increased until full diagnostic and consultative activities are included. In the second year, a psychodiagnostic practicum is conducted in an outpatient service for one semester and an inpatient service for one semester, while courses and seminars in psychotherapy are provided on campus. In the third and fourth years, there are outpatient psychotherapy practice; a weekly case conference is also required. All supervision is

arranged so that the supervisor devotes from five to six hours per week to supervisory activities with an assigned three students. The respecialization program combines some of the placements to make it possible to have the clinical training at the University in a two-year period.

Research and scholarship are emphasized throughout the program, with special preparation for a scholarly presentation of a research project as a culminating academic/professional experience. This second-year project, consisting of a publishable research study performed under the guidance of a faculty mentor, is required of all students. Final outline for the dissertation is usually completed in the third or fourth year with completion of the dissertation within the fifth or sixth year.

The Ph.D. in Clinical Psychology

First Year

Fall

PSI 620	Psychodynamics of Behavior: The Development of Freudian Psychology
PSI 621	Clinical Psychopathology
PSI 624	Psychometric Methods
PSI 625	Advanced Clinical Psychology I
PSI 632	Initial Intake Seminar
PSI 640	Research Conference I
PSI 644	Advanced Psychological Statistics

Spring

PSI 626	Advanced Clinical Psychology II
PSI 628	Assessment of Personality
PSI 630	Assessment of Learning Disabilities
PSI 633	Initial Intake Seminar II
PSI 642	Psychological Research I
PSI 645	Design and Analysis of Experiments
PSI 647	Research Design I
PSI 734	Developmental Psychology

Second Year

Fall

PSI 643	Psychological Research II
PSI 700	Psychotherapy Case Conference I
PSI 712	Clinical Practice I: Psychodiagnostics
PSI 715	Clinical Practicum I
PSI 724	Techniques of Psychotherapy
PSI 736	Social Psychology
PSI 746	Research Problems in Clinical Psychology I

Spring

PSI 623	Child Psychopathology
PSI 701	Psychotherapy Case Conference II
PSI 713	Clinical Practice II: Psychodiagnostics
PSI 716	Clinical Practicum II
PSI 742	Psychological Research III
PSI 830	Object Relations Theory
PSI 832	Cognition

The research project due at the end of the second year typically will be an empirical project of publishable quality, but of lesser magnitude than a doctoral dissertation.

Third Year

Fall

PSI 739	Approach to Psychotherapy
PSI 743	Psychological Research IV
PSI 800	Psychotherapy Case Conference III
PSI 812	Clinical Practice III: Psychotherapy Practicum
PSI 830	Group Dynamics
PSI 830	Disorders of the Self
Plus one elective	

Spring

PSI 722	Comparative Psychoanalysis
PSI 801	Psychotherapy Case Conference IV

PSI 813	Clinical Practice IV: Psychotherapy Practicum	course work including their Oral Review)
PSI 820	Cultural Issues in Psychotherapy	
Plus one elective		

Fourth Year*Fall*

PSD 619	History and Systems of Psychology
PSI 803	Concentration Case Conference I
PSI 817	Clinical Practice V: Psychotherapy Practicum
PSI 818	Continuous Doctoral Thesis Supervision
PSI 824	Physiological Psychology
PSI 851	Colloquium I

Plus one elective

Spring

PSI 804	Concentration Case Conference II
PSI 819	Clinical Practice VI: Psychotherapy Practicum
PSI 825	Clinical Neuropsychology
PSI 850	Ethics and Professional Issues
PSI 852	Colloquium II

Plus one elective

Fifth Year*Fall*

PSI 815	Clinical Internship
<i>OR</i>	
PSI 816	Clinical Internship II (for those who have completed all course work including their Oral Review)

Spring

PSI 815	Clinical Internship
<i>OR</i>	
PSI 816	Clinical Internship II (for those who have completed all

Respecialization Program**First Year***Fall*

PSI 620	Psychodynamics of Behavior: The Development of Freudian Psychology
PSI 621	Clinical Psychopathology
PSI 625	Advanced Clinical Psychology I
PSI 700	Psychotherapy Case Conference I
PSI 712	Clinical Practice I: Psychodiagnostics
PSI 715	Clinical Practicum I

Spring

PSI 626	Advanced Clinical Psychology II
PSI 628	Assessment of Personality
PSI 630	Assessment of Learning Disabilities
PSI 701	Psychotherapy Case Conference II
PSI 713	Clinical Practice II: Psychodiagnostics
PSI 716	Clinical Practicum II

Second Year*Fall*

PSI 724	Techniques of Psychotherapy
PSI 800	Psychotherapy Case Conference III
PSI 812	Clinical Practice III: Psychotherapy Practicum
PSI 820	Cultural Issues in Psychotherapy
PSI 830	Disorders of the Self

Spring

PSI 801	Psychotherapy Case Conference IV
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PSI 813	Clinical Practice IV: Psychotherapy Practicum
PSI 820	Child Psychotherapy
PSI 830	Object Relations Theory
PSI 850	Ethics and Professional Issues

Admission

Apply to the Derner Institute admissions officer. DEADLINE: Fall Admission, January 15. Fee waived if approved by Financial Aid Committee (the request must include a statement from the financial officer of the applicant's college). Applications for the master's program are reviewed on a rolling admissions basis for the fall, spring, and summer terms.

Academic Requirements

Also see the section in this *Bulletin* titled "Rules and Regulations."

For the master's program, an undergraduate degree from an accredited college or university is required. The Graduate Record Examination is not required.

For doctoral programs: Undergraduate courses in general psychology, experimental psychology, statistics, developmental psychology, and abnormal psychology. Graduate Record Examination including the Verbal, Quantitative, and Advanced Exam. Miller Analogies Test is not required. The program does not have minimum required scores, although most candidates have G.R.E.s considerably above 500 and G.P.A.s well above 3.0. The top group of applicants for the Clinical Psychology program are interviewed in required group interviews.

For respecialization program: A doctorate in psychology. A personal group interview.

For postdoctoral programs: A doctorate in a mental health specialty. Two personal interviews.

Doctoral Degree Requirements

Ph.D.: Four years full time on campus and clerkships plus one year full-time internship for clinical psychology. Second-year research project required. Dissertation required, written

comprehensive not required, oral comprehensive not required, oral dissertation defense required. Six years average time to completion of program.

Respecialization Diploma in Clinical Psychology

Doctorate in psychology other than clinical psychology required, dissertation not required, two years in clinical courses and clerkships plus one year internship required. Three years average time to completion of program.

Postdoctoral Diploma in Psychotherapy and Psychoanalysis

Doctorate and state license in an area of mental health, including psychology, psychiatry, social work, or psychiatric nursing, required; dissertation not required; four years part time, including personal analysis, supervision, courses, seminars, and case conferences, required; written comprehensive not required; oral case presentation at end of third year required; supervisory evaluations required. Four years average time to completion of program.

Postdoctoral Diploma in Child and Adolescent Psychotherapy

Doctorate and state license in an area of mental health, including psychology, psychiatry, social work, or psychiatric nursing, required; dissertation not required; three years part time, including personal therapy, supervision courses, seminars, and case conferences, required; written comprehensive not required; oral case presentation at end of second year required; supervisory evaluations required. Three years average time to completion of program.

Postdoctoral Diploma in Group Psychotherapy

Doctorate and state license in an area of mental health; two years part-time including personal group therapy, supervision courses,

seminars, supervised evaluation required. Three years average time to complete the program.

Minority Considerations

Special care is taken to recruit and to help provide financial assistance for qualified minority students. A Derner Institute–supported minority student organization participates in recruitment of faculty and students, selection of students, planning of special programs, and minority student orientation and advisement.

Affirmative Action Program

A University-wide affirmative action officer and committee on which the Institute has a representative monitor all schools and colleges of the University.

Financial Aid

Funding for students in the Gordon F. Derner Institute of Advanced Psychological Studies is available in several forms: loans; on- and off-campus employment; teaching, research, and clinical assistantships; and paid field placements.

Loans

Government loans are available through the University. Financial need must be demonstrated. Apply for state and federally funded low-interest loans through the Office of Financial Aid, Levermore Hall.

Doctoral Teaching, Research, and Clinical Assistantships

For clinical students, upon acceptance for the group interview, the necessary forms for request for financial aid will be given to the applicant. It is not necessary to apply in advance.

All assistantships cover tuition and are considered to be loans from the University to the student. The student can discharge the responsibility of the loan by working approximately 20 hours a week during the academic year. Summer work may also count toward meeting this respon-

sibility. Any portion of the work that is not completed will result in a debt to the Institute, payable after graduation, with modest interest based on the market conditions at that time. Each student is assigned to a faculty member or activity, and will be given the opportunity to work off the debt prior to graduation. Several cooperative community and clinic appointments are also available.

Scholarships and Fellowships

A limited amount of scholarship money is available to New York State residents through the Tuition Assistance Program (TAP). Forms are available in the Office of Financial Aid, Levermore Hall. All students should investigate the possibility of obtaining these funds.

Further information regarding foundations, fellowships, and grants may be obtained by writing or calling a special library called:

The Foundation Center
888 Seventh Avenue
New York, New York

The APA monograph, *Graduate Study in Psychology*, has additional suggestions regarding financial aid. This monograph is available in the IAPS office or in the Swirbul Library. Additional sources of funding may be identified through www.fastWEB.com.

Deferred Payment of Tuition

Tuition can be paid in installments by arranging in advance with the Bursar's Office, Levermore Hall, and paying an additional fee. No student can graduate until all outstanding debts to the University are paid.

Part-Time Employment

Some jobs, mostly outside the field, are available through the Student Placement Office, Levermore Hall. Any job related to psychology must be approved by the Dean, in regard to legality, professional ethics, and necessary supervision.

Assistantships for Clinical Students

The Institute's practice is to grant financial aid primarily on the basis of need, not merit. A corollary of this approach is that second- and third-year doctoral students as a group receive more funding than first-year students because the more advanced students are usually more indebted.

There are several exceptions to the practice of giving funds based solely on need:

1. The Derner Institute has a commitment to recruit and train minority students. As part of that recruitment, incoming minority students who are financially needy will be offered assistantships as funds permit. If an incoming student, though not a minority member, is both very needy and outstanding, that student also will be offered an assistantship as funds permit.
2. Performance as a teaching assistant is considered when a student's performance is remarkably poor. If the professor and student have not been able to work out a satisfactory resolution, and if the professor then elects to write a negative evaluation of the student's performance, then that evaluation will be considered by the Financial Aid Committee in its deliberations.
3. Occasionally a faculty member will need an assistant with a special skill or area of expertise. If the only student with the qualifications needed is not financially needy, the student may be awarded an assistantship anyway, as remuneration for the work assigned as assistant.

In order to help more students rather than fewer, teaching assistantships will be offered in increments of $\frac{1}{4}$, i.e., $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and full.

The procedure for applying for financial aid from the Derner Institute is the following:

Every student applying must fill in the Financial Aid Form and submit a copy to the Chair of the Financial Aid Committee. In addition, students must submit the Derner Institute Application for Financial Aid Form, a copy of their most recent federal income tax return as stipulated on the FAF form, and, if according to information supplied on the FAF, the student is classified as dependent, a copy of the parents' federal income tax return. The original FAF and the income tax return(s) should be submitted to the Financial Aid Office at Adelphi.

Howard Davis Memorial Fund

A limited amount of money is available for emergency, short-term loans. Specific terms are arranged with the Dean, to whom applications should be directed.

Leave of Absence Guidelines

The continuity of training and education is an important aspect of the program; the faculty generally will not permit extension of leaves of absence beyond a single year. Under special circumstances, a student may petition for an extension of a leave for an additional year; such a petition must be presented no later than the preceding spring. The petition must present a compelling reason for such an extension, and should also include provision for approved professional activities during the leave period. The decision will be based on the specifics of the case, including the student's previous performance in the program, and the professional use that will be made of the leave period. If leave is not granted, the student will be expected to return to full-time status; or will have to reapply and be considered as a new student.

COURSES OF INSTRUCTION

GORDON F. DERNER INSTITUTE OF ADVANCED PSYCHOLOGICAL STUDIES

Master's Courses

PSI 602 Theories of Personality *3 credits*
General orientation to theories of personality, including history, development, content, and research on personality theory.

PSI 603 Theories of Psychopathology *3 credits*
Nature and causes of mental illness. General concepts of psychopathology. Therapies currently used are discussed, and their relatedness as part of treatment.

PSI 604 History and Systems of General Psychology and Psychoanalysis *3 credits*
A tracing of historical roots of psychology from philosophy and physiology from the 17th century to modern times. Emphasis is given to development of experimental psychology and psychoanalysis in Germany, France, Great Britain, Russia, and the United States.

PSI 605 Social Psychology *3 credits*
A comprehensive study of the social aspects of human behavior with emphasis on the effects of social and sociocognitive variables upon psychological process. Topics include attitudes and attitude change, attribution theory, social cognition, and aggression. Class meetings focus on research findings, methodology, and the development of theory.

PSI 606 Psychological Research: Methods and Design *3 credits*
This course will cover a number of advanced experimental and statistical techniques which have been shown to have specific usefulness in psychological research and will feature a critical analysis of research articles.

PSI 607 Developmental Psychology *3 credits*
Basic principles underlying the development of children's perceptual, cognitive, social, and communicative skills are studied. The process of development is emphasized more than the capabilities of the child at any particular age.

PSI 608 Psychology of Sexuality and Gender *3 credits*
Examines the status and development of gender differences. Readings are primarily from the psychological literature, but biology, anthropology, and sociology also contribute concepts and data.

PSI 609 Consciousness and Cognition: Theories of the Mind *3 credits*
Topics or issues are selected from cognitive psychology with a view toward the development of proposals for future research. Specific problem areas that could be discussed include concept formation, long and short-term memory, the effects of input and output modality, cognitive factors in information processing, creativity, individual differences in problem solving, and cognition in infrahuman species.

PSI 610 Freud and Psychoanalysis *3 credits*
Examination of the development of Freud's thought from his early explorations of the unconscious and neurosis (id psychology) to the later work on the structure of personality (ego psychology).

PSI 611 Group, Family, and Couples Treatment *3 credits*
Students learn to assess the skills of themselves and others in establishing and maintaining relationships in groups. Students will observe their own behavior, the behavior of other group members, and the behavior of the group as a whole to determine the group's interaction skills and deficits in each group member's repertoire. Both process and content involved in conducting behavior training in groups will be presented didactically and experientially.

PSI 612 Contemporary Views of Psychoanalysis *3 credits*
A look at the work of post-Freudian psychoanalysis and other schools of psychoanalysis which have developed since Freud including object relations interpersonal and self psychology.

PSI 613 Theories of Industrial and Organization Psychology *3 credits*
This course will provide an introduction to theoretical and methodological foundations of industrial and organizational psychology including general systems approaches, motivation, theories of intelligence, human learning and introductions to psychometric and experimental procedures; the study of the individual and job measurement and the management of individual behavior in organizations including assessment of attitudes, abilities, skills, vocational preferences and personality assessment, job and task analysis, organizational effectiveness, recruiting selection, placement and personal training, conflict management, organizational structure, dynamics, role making and control systems; the study of behavior processes in organizations including job satisfaction, stress, decision making, problem solving, group influences, leadership, communication, change processes; cross cultural and gender related issues within the organization.

PSI 614 The Psychoanalytic Study of the Organization *3 credits*
A half year advanced seminar surveying the field of psychoanalytic studies of the organization. Theoretical, clinical, and experimental data will be reviewed.

PSI 616 Personality Styles and Character Disorders *3 credits*

This course will explore the psychodynamics of the various personality styles. Obsessive compulsive, hysteric, depressive, masochistic, narcissistic, schizoid, paranoid, and anti-social style and character disorder will be elucidated. The etiology and treatment of the various character disorders will be examined. Character disorders will be approached from psychoanalytic, cognitive-behavioral, and psychiatric (i.e., Axis II of DSM IV) perspective.

PSI 620 Thesis Seminar *3 credits*

An optional course for candidates for the master's degree in general psychology. The student completes an original research review project. Students will meet in a group, each member of which will have the ultimate task of preparation and presentation of a significant review paper.

PSI 791 Independent Study *3 credits*

Individual reading and/or research under faculty supervision. Students are guided in the preparation of an appropriate master's level thesis project.

Doctoral Courses**PSI 620 Psychodynamics of Behavior: The Development of Freudian Psychology** *3 credits*

Examination of development of Freud's thought from his early explorations of the unconscious and neurosis (id psychology) to the later work on the structure of personality (ego psychology).

PSI 621 Clinical Psychopathology *3 credits*

Review of psychopathology theory and treatment, focusing on DSM IV, an understanding of dynamics in pathological behavior, and the ability to communicate with patients in a therapeutic manner.

PSI 623 Child Psychopathology *3 credits*

This course is divided into three parts:

1. Special diagnostic considerations in work with children;
2. An introduction to psychoanalytic developmental theory, with particular emphasis on object relations theory;
3. Applied clinical issues with children, with special focus on learning disabilities and borderline disorders.

PSI 625 Advanced Clinical Psychology I *3 credits*

Theory and history of psychodiagnostics with special reference to the concept and measurement of intelligence. Introduction to the concept of character structure and the different character types and the relevance to psychodiagnostics. Clinical experience in cognitive instruments including Wechsler scales and the Bender Gestalt. Lectures, laboratory, and weekly clinical practicum one day in public school or in community agency.

PSI 626 Advanced Clinical Psychology II *3 credits*

Continuation of PSI 625 with emphasis on personality assessment. Integration of diagnostic information with oral and written reports. Lectures, laboratory and, in conjunction with PSI 628, weekly clinical practicum one day in public school or in community agency.

PSI 628 Assessment of Personality *3 credits*

Emphasis on interpretation of projective techniques in psychological assessment. Full batteries administered by groups of two students for class use in developing diagnostic hypotheses. Lectures, laboratory, and, in conjunction with PSI 626, weekly clinical practicum one day in public school or in community agency.

PSI 630 Assessment of Learning Disabilities *3 credits*

This course will introduce students to clinical and practical issues in dealing with and diagnosing learning disorders.

PSI 632 Initial Intake Seminar *3 credits*

This course, the first of four in the clinical training sequence, covers procedural and process aspects of the initial interview.

PSI 633 Initial Intake Seminar II *3 credits*

This course is a continuation of PSI 632.

PSI 640 Research Conference I *3 credits*

A continuous weekly research conference of all first-year students.

PSI 642, 643, 742, 743 Psychological Research I, II, III, IV *3 credits each*

Year-long intensively supervised research practicum. Student serves as research apprentice to a university or community laboratory or research program to which the student is assigned and participates in a weekly research conference.

PSI 644 Advanced Psychological Statistics *3 credits*

Statistical procedures related to simple research designs. Major topics include sampling theory and special applications in determining statistical reliability, chi square, and related non-parametric tests, special methods of correlation, multiple regression, and test reliability and validity.

PSI 645 Design and Analysis of Experiments *3 credits*

Advanced statistical techniques of special usefulness in psychological research. Complex analysis of variance designs and analysis of covariance.

PSI 647 Research Design I *3 credits*

An examination of the principles of research design as they apply to various types of research from laboratory experiments to quasi-experimental field studies.

PSI 700, 701, 800, 801**Psychotherapy Case**

Conference I, II, III, IV 3 credits each
Year-long clinical psychotherapy case conferences of Adelphi Psychological Services by small groups of second- and third-year students and a rotation of all psychotherapy supervisors.

PSI 712 Clinical Practice I:**Psychodiagnosics**

3 credits

Intensively supervised psychodiagnostic testing and interviewing of severe psychoneurotic and psychotic patients. This practicum is given in a mental hospital or clinic to which the student is assigned for two days a week. Practicum includes lectures, conferences, and case presentations.

PSI 713 Clinical Practice II:**Psychodiagnosics**

3 credits

Intensively supervised psychodiagnostic testing and interviewing in Adelphi Psychological Services or similar outpatient clinic to which the student is assigned for two days a week. Practicum includes lectures, conferences, and case presentations.

PSI 715, 716 Clinical Practicum I, II

3 credits

Two-day a week placement in the field in a clinic or hospital setting.

PSI 720 Modes of Inquiry

3 credits

In this seminar the contemporary understanding of the human psyche is explored by examining sociological, economic, religious, and political thought, and the relationship between these modes of inquiry and the psychodynamic.

PSI 722 Comparative Psychoanalysis

3 credits

A study of some central theoretical and clinical developments in psychoanalysis. Contributions of classical, interpersonal, object-relational, and self-psychological models are examined with respect to their varying conceptualizations of, for example, transference, resistance, and cure.

PSI 724 Techniques of Psychotherapy

3 credits

The technique of neo-psychoanalytic brief psychotherapy, along with the analysis of the theoretical formulations of the more prominent psychotherapy systems to foster psychotherapy skills.

PSI 729 Trauma

3 credits

This course examines contemporary psychoanalytic, neurobiological, and developmental theories of psychological trauma with particular emphasis on childhood sexual abuse. It also presents psychoanalytic treatment approaches to the traumatized patient.

PSI 734 Developmental Psychology

3 credits

Major aspects of development, including topics such as infancy, childhood, adolescence.

PSI 736 Social Psychology

3 credits

An examination of the social psychological perspective with an emphasis on the types of questions social psychologists ask.

PSI 739 Approach to Psychotherapy

3 credits

This course discusses psychotherapy theories, techniques and research that develop after, and in some cases as a reaction to, psychoanalysis. Included are behavior modification, interpersonal therapy, BECK's cognitive therapy, existential-phenomenological philosophy and psychology and PERL's Gestalt Therapy. The course focus is practical application with a goal of enhancing and enlarging the psychotherapist's repertoire of skills.

PSI 746 Research Problems in Clinical Psychology I

3 credits

Emphasis on research in psychotherapy. The student is required to produce an original research design of Ph.D. dissertation caliber.

PSI 803, 804 Concentration Case Conference I, II

3 credits

Open to fourth-year students, who select a clinical concentration area which expands their clinical development. Each Concentration Case Conference focuses upon a particular treatment modality, e.g., group psychotherapy, or on a different clinical ability, e.g., neuropsychology.

PSI 812, 813, 817, 819**Clinical Practice III, IV, V, VI:****Psychotherapy Practicum**

3 credits each

Year-long intensively supervised psychotherapy practicum. Students serve as junior staff psychologists on a half-time basis in the Adelphi Psychological Services and also attend a continuous case conference and a psychotherapy seminar.

PSI 815 Clinical Internship

3 credits

A fifth-year placement in a clinic or in a hospital, in which the student functions under close supervision as a member of the psychology staff. The student may choose an approved setting any place in the United States, and serves in a full-time assignment for the year.

PSI 816 Clinical Internship II

3 credits

Designed for students who have completed their oral dissertation review but are still required to complete their one-year required internship.

PSI 818 Continuous Doctoral Thesis Supervision

3 credits

Continuous supervised research on student's dissertation topic while continuing academic work.

PSI 820 Special Topics:**Cultural Issues in Psychotherapy** *3 credits*

This seminar focuses on understanding the therapist-patient relationship via cultural phenomena manifested by the therapeutic process. The course addresses several pertinent clinical aspects of doing transcultural psychotherapy: recognizing the importance of the patient's cultural hallmarks; uncovering and using this material for therapeutic benefit; and the therapist's reactions to working with varied populations.

PSI 820 Special Topics:**Psychotherapy Integration** *3 credits*

Psychotherapy integration is a new development that considers ways in which treatment can be improved by integrating technical interventions, or by some combination of the two. This seminar examines several approaches to integration, both as to their theoretical presentation and their application to specific case material. Readings include theoretical presentations and case presentations. In addition, students present their own cases with reference to how treatment might be improved by the perspectives gained from other approaches to theory and to intervention.

PSI 820 Special Topics:**Child Psychotherapy** *3 credits*

An introduction to play therapy. The historical context and various theoretical approaches are represented; contributions of the Kleinians and the British Middle School are stressed.

PSI 824 Physiological Psychology *3 credits*

Following a brief review of basic concepts in neuroanatomy, biochemistry, and physiological psychology, students are introduced to specific topics in human neuropsychology. Issues regarding normal and pathological functioning are investigated from an adult as well as a developmental perspective.

PSI 825 Clinical Neuropsychology *3 credits*

Students are introduced to theories and techniques of neuropsychological assessments. A broad range of assessment instruments are examined in a varied set of clinical presentations.

PSI 830 Special Topics:**Group Dynamics** *3 credits*

This class will stress an analysis of interactional processes and dynamics that are basic to all group functioning, but particularly, to psychotherapy groups.

PSI 830 Special Topics:**Object Relations** *3 credits*

This course will consist of an exploration of object relations theory as a conceptual groundwork for contemporary approaches to the psychotherapy process.

PSI 830 Special Topics:**Disorders of the Self** *3 credits*

In this seminar the development and pathology of the self will be explored through an intensive study of the core issues of internalization and symbiosis. The major theoretical positions will be compared both in terms of theory and treatment implication. Each student will be required to do a short paper integrating the clinical material with a case that he or she is seeing.

PSI 830 Special Topics:**Dissertation Preparation** *3 credits*

This course must be taken along with Continuous Doctoral Research by students who have not gone to Proposal by the time their internship is completed.

PSI 832 Cognition *3 credits*

This course covers basic concepts and problems in cognitive psychology (perception, attention, memory, schemas, decision-making, etc.) as well as clinically relevant areas of cognition research (emotion, the unconscious, repression, etc.). The emphasis is on empirical research and on the integration of empirical research with clinical insights and applications.

PSI 835 History and System of**Psychology** *3 credits*

A tracing of historical roots of psychology in philosophy and physiology from the 17th century to modern times. Emphasis is given to development of experimental psychology in Germany, France, Great Britain, Russia, and the United States.

PSI 848 Continuous Doctoral Research *3 credits*

Supervised research on student's dissertation topic. Registration required each semester after completion of all work except dissertation.

PSI 850 Ethics and Professional Issues *3 credits*

Study of the Code of Ethics and other official documents of the American Psychological Association, professional organizations, licensure, legal rights and responsibilities of the psychologist, and use of psychologists in legal proceedings.

PSI 851, 852 Colloquium I, II *1 credit each*

A weekly forum for presentation of visiting speakers, films, student-faculty plenary sessions, and grand rounds case presentations attended by all IAPS students and faculty.

VII

SCHOOL OF
SOCIAL WORK

School of Social Work

Social Work Building

Brooke Spiro, *Acting Dean*

Louise Skolnik, *Associate Dean*

Eileen Chadwick, *Coordinator, Hudson Valley Program*

Peter Chernack, *Director of Field Education*

Luis Maisonet, *Coordinator of Admissions*

Pamela Timmins, *Coordinator, New York City/SoHo Program*

Professors

Gertrude Goldberg

Lawrence Grossman

Cecil St. George Henry

Gideon Horowitz

Narayan Viswanathan

Janice Wood Wetzel

W. Cody Wilson

Assistant Professors

Julie Cooper Altman

Herbert Schwarz

Visiting Professors

Patricia Joyce

Steven Krantz

Associate Professors

Richard Belson

Roni Berger

Ellen Bogolub

Carl Buxbaum

Ivory H. Holmes

Roger Levin

J. Julian Rivera

Ellen Rosenberg

Louise Skolnik

Brooke Spiro

Carol Sussal

The School of Social Work is accredited by the Council on Social Work Education (C.S.W.E.) at both the baccalaureate and master's level.

Professional Philosophy

Social work is a profession that seeks to ameliorate human suffering. This commitment is based upon the assumption that people, individually and collectively, have innate strengths, and that strategies to enhance and restore a capacity for social functioning are both capable of discovery and teachable. Multidisciplinary knowledge from the arts and sciences is essential to the education of social workers, for the profession requires practitioners who have been exposed to a breadth of ideas and information. Social work education is grounded in the perspective that environmental influences effect the development and well-being of people and must be taken into account when assessing behavior and life situations.

Social work education at Adelphi University integrates multidisciplinary knowledge in all courses throughout the curriculum. Rather than being taught selected facts and theories as single truths, Adelphi students grapple with opposing ideas, consider a broad range of facts and theories, and finally, learn to select and apply knowledge to ameliorate social problems.

Programs of Study

- Master of Social Work (M.S.W.) Program
- One Year Residency (M.S.W.) Program
- 16 Month Accelerated (M.S.W.) Program
- Part-time MSW Program
- B.S.S.W.—M.S.W. Advanced Standing Program
- Adelphi/Hudson Valley M.S.W. Program
- Bilingual School Social Work Program
- Doctor of Social Welfare (D.S.W.) Program
- Post-Master's Certificate Program in Clinical Social Work
- Post-Master's Certificate Program in Bilingual School Social Work

Master of Social Work Program

The Master of Social Work Program provides the preparation necessary for advanced professional social work practice from a multimethod perspective. The degree is 64 credits. The first half of the curriculum (32 credits) is general foundation knowledge that is essential to all forms and levels of practice. The second half of the curriculum (32 credits) offers two areas of concentration and prepares students for advanced practice in one of these two service fields.

Organization and Structure of the Curriculum

All students entering the first year of the Adelphi University M.S.W. program are required to take the same ten courses. Eight of the ten are academic courses and two are supervised field internships in which students apply theories learned in class to direct practice with clients.

The ten required first-year classes are distributed as follows: two consider social welfare policy; two analyze theories of human behavior; two present theories of social work practice; one teaches about diversity, oppression, and cultural influences in social work practice; one teaches the methods of empirical research; and two provide supervised field instruction.

In the second year of their M.S.W. program, all students at Adelphi University must complete ten courses, two of which are supervised field internships. The eight remaining second-year classroom courses are distributed as follows: two courses in advanced social work practice; one course in psychopathology from a social work perspective; one course in advanced social work research; one course in organizational context for professional practice; a capstone seminar; and two electives. Second-year students select a field of practice concentration (either Health, Mental Health, and Chemical Dependency Services or Social Work With Families Across the Life Span). Field instruction, advanced social work practice,

social work research II, and the organizational context courses are concentration specific.

The social work practice methods sequence teaches the theoretical models, empirical bases, and skills that are required for direct work with individuals, families, groups, and communities. These courses are reinforced by the field internship or practicum as students put to use their newly gained knowledge about how to assess needs, set goals, and intervene with clients to achieve those goals.

The human behavior and social environment courses provide foundation knowledge about the biological, psychological, and social determinants of human behavior that are essential to assessing the needs clients have, understanding their situation, and selecting intervention strategies. The social work practice methods and human behavior and the social environment courses are interrelated: a method of practice could not be taught without understanding the complexities of human behavior.

The social work research courses inculcate a scientific approach to practice and provide the tools required to systematically evaluate social work practice and services, build the professional knowledge base, and critically evaluate the professional literature as well as that of ancillary disciplines.

The social welfare policy and organization courses provide knowledge about the social policies, program, and organizations that shape professional practice. They teach the theory, empirical data, and skills necessary to the development, design, implementation, and evaluation of social programs.

Field instruction provides students with the opportunity to work directly with people in a different field instruction setting in the first and second year of the M.S.W. program. In the first year, students complete a minimum of 600 hours of field instruction with an emphasis on developing foundation practice skills for work with individuals, families, groups, and communities. In the second year, students complete a minimum of 600

hours of field instruction in their selected area of concentration and engage in advanced, multi-method social work practice. Advanced Standing students may, in certain instances, be required to complete additional hours of field instruction if the candidate's program is determined to vary significantly from Adelphi's B.S.S.W. field curriculum. One Year Residency (O.Y.R.) students are required to take a 4 credit professional seminar SWK 601 concurrent with the foundation practice courses and complete 900 hours of field instruction in the second year concurrent with Advanced Social Work Practice course work.

Students are expected to work normal agency hours and are responsible for adhering to agency policies and practices. Although the School does offer some field internships with evening hour assignments, all students are required to be available for a minimum of one full day or two half days during weekday daytime hours. Field instruction, unlike other academic courses, continues during January intersession and students are advised to factor possible housing expenses into their financial plans. In addition, students will need to arrange for transportation to and from the field agency.

The model presented below is the standard program for students who maintain full-time status over two years. While some students take courses on a part-time basis, the sequencing of courses and requirements is universal. All students must complete requirements within four years of matriculation and fulfill residency requirements by enrolling in ten or more credits in two successive semesters.

M.S.W. Course of Study

First-Year M.S.W. Program

(32 credits)

Fall Semester (16 credits)

SWK 500 Issues in Social Welfare I:
History and Philosophy of
Social Welfare

SWK 510 Human Behavior Theory for
Social Work Practice I
SWK 520 Foundations of Social Work
Practice I
SWK 542 Oppression, Diversity and the
Struggle for Human Rights in
Social Work
SWK 690 Field Instruction I

Spring Semester (16 credits)

SWK 501 Issues in Social Welfare II:
Inequality, Inequity, and
Social Justice
SWK 511 Human Behavior Theory for
Social Work Practice II
SWK 521 Foundations of Social Work
Practice II
SWK 557 Social Work Research I
SWK 691 Field Instruction II

Second-Year M.S.W. Program

(32 credits)

In their second year, students elect a concentration in either (1) Health, Mental Health, and Chemical Dependency Services, or (2) Social Work or Social Work with Families Across the Life Span. The practice methods courses, a course on the organizational context for professional practice, and the social work research course all have concentration specific content, so that students register for sections of those courses focused in their concentration. The field internships in the second year also are assigned by concentration.

Fall Semester (16 credits)

SWK 710 Psychopathology from a
Social Work Perspective
SWK 758 Social Work Research II
SWK 780 Advanced Social Work
Practice with Individuals and
Families
SWK 7** 700-Level Elective
SWK 790 Field Instruction III

<i>Spring Semester</i> (16 credits)	
SWK 722	Organizational Context for Professional Practice
SWK 736	Social Policy and Social Services Seminar
SWK 782	Advanced Social Work Practice with Groups and Communities
SWK 7**	Elective
SWK 791	Field Instruction IV

Admission Requirements

The requirements for admission to the M.S.W. program are based on academic background, values consonant with the profession, and paid and/or volunteer human service experience. The requirements include the following:

1. A baccalaureate degree from an accredited college or university with a strong background in the arts and sciences.
2. Personal characteristics and qualifications related to successful professional performance based upon criteria set forth in the National Association of Social Workers (N.A.S.W.) Code of Ethics.
3. All candidates are expected to have achieved a grade-point average of 3.0 on a 4 point scale during their undergraduate education. If the undergraduate average falls between 3.0 and 2.5, the following criteria are used to determine whether an exception to the formal guidelines can be made:
 - a. Subsequent graduate education reflects a G.P.A. of 3.0 or higher.
 - b. Substantial paid or volunteer work experience
 - c. Unusual circumstances and/or unique personal qualifications which suggest professional promise and subsequent contribution to the profession.
4. International students must have a TOEFL score of 585.

Candidates for the Advanced Standing program must have obtained an undergraduate degree from a C.S.W.E.-accredited School of Social Work, and are required to have achieved grades of "B" or better in their social work courses. In some cases, additional courses must be taken if the candidate's program varies significantly from Adelphi's B.S.S.W. undergraduate curriculum.

Application Procedure

Each candidate is required to file an application provided by the University's Office of Graduate Admissions or the School of Social Work. There are varying cut-off dates for the receipt of applications, depending on the program for which the candidate is applying.

Applications for all programs are processed on the basis of a rolling admissions policy. However, applicants for the Advanced Standing program and transfer students must file applications by March 1. The School reserves the right to limit applications as necessary.

Candidates must submit at least three reference letters. Preferred sources are supervisors in the social agencies in which they have been employed, college instructors, or others unrelated to the applicant who are equipped to evaluate their readiness for graduate study. Candidates must arrange for the forwarding of their college transcripts and submit a personal statement of how their interest in social work developed, and the life experiences that may have influenced this professional choice. Any candidate may be interviewed to secure additional information or to gain impressions as to personal qualifications.

Applications are reviewed by the coordinator of admissions and the admissions committee. The basis of the committee's decision is recorded in the applicant's file. All Advanced Standing and O.Y.R. applicants are interviewed by a member of the faculty.

For additional information please contact Mr. Luis Maisonet, Coordinator of Admissions for the School of Social Work (516) 877-4384/4360.

Admissions Procedures

Each procedural step of the admissions process is designed to contribute material on the qualifications of the candidate. The application form, other supporting documents, and the interview are used to elicit relevant objective as well as subjective data. Data are obtained from the following sources:

1. The application form provides information such as prior educational experience and paid or volunteer work experience.
2. Educational background data, including transcripts, provide insight as to the quality of educational institutions attended, continuity of participation in the educational process, scholarly potential as revealed in grade-point average, and prior areas of study.
3. Material on employment background and volunteer activity sheds light on the quality of the applicant's work history in relation to readiness for professional education.
4. Information on organizational affiliations in school and community gives evidence of leadership experience, interests, and commitment to social issues.
5. The personal statement provides evidence of the motivation of the applicant, the role of significant life experiences on the choice of the social work profession, and on the applicant's skill in writing and conceptualizing.

References

Letters of reference are particularly valuable when received from employers or supervisors in social work settings, or from college teachers who can report on learning patterns and academic potential. (References from close friends and family members are not appropriate.) Letters of reference also help to assess the candidate's potential for growth or readiness for professional social work education.

Personal Interview

A personal interview is a requirement for transfer applicants, for graduates with bachelor degrees from C.S.W.E.-accredited undergraduate schools other than Adelphi, for O.Y.R. applicants, and for any candidates who show evidence of potential problems or special needs that the School would like to attend to in support of the candidate (e.g., grades between 2.5 and 2.9, insubstantial arts and science background). The interview is used to evaluate the applicant and to secure any additional information necessary to arrive at an overall assessment of the applicant's capacity and readiness to undertake professional social work education, and further means to meet the criteria. Emphasis in interviews is on current functioning with some concern for life events as they are relevant to ascertaining qualifications for admission.

Decision-Making Process

On the basis of review by members of the admissions committee and the coordinator of admissions, a decision is made and forwarded to the University admissions department. The University then notifies the applicant of the School's decision.

Tuition Assistance

The School of Social Work has various tuition assistance programs to assist M.S.W. students with the cost of their graduate education.

Merit Scholarships

Students with a high level of academic performance (G.P.A. of 3.5 or better) as well as a strong commitment to community involvement may qualify for a merit scholarship. Community involvement includes internships, volunteer experiences, or social work employment. The School is especially interested in attracting high achieving students. All M.S.W. matriculated students in our other programs are eligible.

The Rita Paprin Memorial Scholarships

The family and friends of the late social work professor, Rita Paprin, established a memorial scholarship in 1983, its mission consistent with her lifetime commitment to changing social policies. Only current students who have demonstrated a strong commitment to social policy development and social change are eligible. To qualify, students must have completed at least 12 credits and be enrolled in either our bachelor's, master's, or doctoral program.

The Patricia Hochfelder Memorial Scholarship

The Beldoch and Hochfelder families of the late alumna, Patricia Beldoch Hochfelder, established a memorial scholarship in 1986, its mission consistent with her lifetime commitment to social justice. Only current minority students with outstanding academic records and in financial need are eligible. These students have demonstrated their commitment to the values of equity and social justice as evidenced by work they have done in the community or social work agency directed toward social change and advocacy.

Agency Tuition Remission

Students employed in a social work agency which is affiliated with the School's field education program may be eligible for agency tuition remission. To qualify, the student's agency must designate accrued tuition remission credits to the employee consistent with the University's policy for agency tuition remission.

Graduate Assistantships

The School has a number of graduate assistantships available. These are positions whereby a student assists a professor in an administrative or research capacity. Assistantship money is applied directly to the student's tuition.

Bilingual School Social Work Scholarship

The School of Social Work is a participating member in the Bilingual Scholarship Program offered by the New York City Board of Education. These full tuition scholarships are available for bilingual students interested in working for the N.Y.C. Board of Education upon graduation. The School offers the courses mandated by the New York State Education Department for State Certification. In addition, the School also provides an appropriate bilingual/bicultural internship. The scholarships are awarded directly by the N.Y.C. Board of Education.

Relationship of School of Social Work to University Admissions

The decision to admit a student to the graduate program rests with the Admissions Committee and the Coordinator of Admissions of the School. The relationship with University Admissions is consultative and procedural. For example, in the instance of international applicants or applicants attending special undergraduate programs in the United States, the University Admissions Office can provide help in evaluating the equivalency of academic courses.

The following materials are sent to the applicant by the University:

- Bulletin
- School of Social Work Cover Letter
- Application Form
- Data Card
- Reference Letter Forms

Official letters of acceptance or rejections are sent by the Office of University Admissions upon notification by the Coordinator of Social Work Admissions.

Transfer Students from Accredited Schools of Social Work

Applicants wishing to transfer to Adelphi after successfully completing the foundation level at another accredited school of social work may be accepted into the advanced level of the M.S.W. program. The applicant is required to file a complete application and include a field evaluation from the school. A personal interview is also required. Applicants who wish to transfer credits for courses taken on a part-time basis at another accredited School of Social Work may do so consistent with the School's policy on transfer credits.

Transfer Credits

Students who have taken a graduate course in an accredited graduate program similar to an Adelphi social work course may request a transfer of credit. A transcript, a course description, a course outline and bibliography must be submitted to the associate dean. The course should have been taken within five years of matriculation with a grade of "B" or better. The Associate Dean, in consultation with the Sequence Chair, assesses the degree to which the course corresponds to the Adelphi course. If the graduate credit is transferred, the student does not have to take another course in its place. However, a placing out exam may be required at the discretion of the associate dean.

Students who completed a graduate course that counted toward a baccalaureate degree cannot receive transfer credit for that course. Only courses completed for a graduate degree can be transferred.

Course Waivers

Course waivers are granted selectively on an individual basis. Students who have taken an undergraduate course similar to an Adelphi social work course may request a course waiver. A transcript, a course description, a course outline and bibliography must be submitted to the

Associate Dean. The course should have been taken within five years of matriculation with a grade of "B" or better. The Associate Dean, in consultation with the sequence Chair, assesses the degree to which the undergraduate course corresponds to the Adelphi course. If the course does correspond, the student will then be required to take a placing out exam. If the student passes the exam (i.e., receives a grade of 80 or a "B"), the course is waived and the student must take another course in its place. Graduate credit cannot be granted for previously taken undergraduate courses.

M.S.W. One-Year Residency (O.Y.R.) Program

The O.Y.R. program is a 64-credit program designed for practitioners with a minimum of three years of social-work related, paid experience under M.S.W. supervision. This program may be completed on a part-time basis. During the foundation year, O.Y.R. students enroll in a 4-credit seminar (SWK 601). Foundation practice courses are supported by students' concurrent employment in their human service agency. All O.Y.R. students are required to complete one year "in residence" during which they meet a 900-hour advanced year field instruction requirement.

Part-Time Program

Students may schedule courses and field internships to complete the M.S.W. program in three to four years. Evening and weekend courses are available. Students may also complete courses during the summer session. Field instruction requirements are completed on an extended basis (14 hours per week) during the fall, spring, and summer sessions.

B.S.S.W.–M.S.W. Advanced Standing Program

Students who complete the four-year baccalaureate degree in social work from a C.S.W.E.-accredited program are eligible to apply for admission to the graduate program and, if accepted, can complete the Master of Social Work degree in one year. Before completing the second semester of the senior year, social welfare majors who have attained high academic achievement may apply for admission into the advanced standing program. Eligibility for the program presupposes a better-than-average record in the social welfare major including field instruction performance. Applicants must have a minimum overall grade-point average of 3.0, with grades of B or better in all social work practice courses as well as positive recommendations from faculty advisors and classroom professors. Applicants for advanced standing with a B.S.S.W. from a School of Social Work other than Adelphi will be interviewed by a member of the faculty.

Bilingual School Social Work Program

The Bilingual School Social Work Program is a 70-credit program leading to the M.S.W. degree and a Certificate in bilingual school social work. This certificate is recognized by the New York State Education Department. This program is designed for bilingual individuals interested in working as a bilingual social worker in a New York State primary or secondary school setting. Sixty-four credits are taken within the M.S.W. program and 6 credits are taken within the School of Education. This program can be completed either full-time or part-time with the two education courses taken after completion of the M.S.W. degree requirements.

Adelphi/Hudson Valley M.S.W. Program

The Adelphi/Hudson Valley program offers individuals living in Hudson Valley an opportunity to begin their graduate education in social work in a convenient location as either full-time or part-time students. The program is designed to meet the needs of those interested in pursuing the Master of Social Work (M.S.W.) degree as well as those wishing to explore their options in the field of social work. Criteria for admission are identical with those in Garden City.

All programs offered as part of the regular graduate programs are available to Hudson Valley students as well. All first-year and selected second-year courses are offered at the Hudson Valley program site in Poughkeepsie, New York. The remaining second-year courses are taken at the main campus of the Adelphi School of Social Work on Long Island. Field placements for both first- and second-year students are arranged in agencies in the Hudson Valley area. Typically, second-year students attend classes on Long Island one day a week and spend three days a week in the field in Hudson Valley.

All courses offered in the Hudson Valley use the same outlines, bibliographies, and assignments as the courses offered on the main campus. The scheduling of courses and their mode of delivery follow the same pattern as those offered in Garden City. Uniform exams or assignments related to sequences are also used in the Hudson Valley program.

Admission to the Hudson Valley program is handled centrally by the Admissions Office in Garden City, using the same criteria and procedures governing applicants to the main campus. All decisions regarding admission are made by the Coordinator of Admissions in Garden City in concert with the Admissions Committee chaired and composed of full-time faculty.

For further information contact:

Ellen Chadwick
Adelphi/Hudson Valley Program
20 Maple Street
Poughkeepsie, NY 12601
Telephone: (914) 471-3348

Doctor of Social Welfare

The Doctor of Social Welfare program prepares students to meet the challenges of an increasingly complex world. Students learn to be scholar-practitioners, educators, and leaders in the field. As such, they are equipped to further personal and social development for significant change. They learn to think critically, to evaluate a broad spectrum of clinical, administrative, and policy interventions, and to generate and use knowledge creatively.

Organization and Structure of the D.S.W. Curriculum

The D.S.W. program is designed to meet the needs of students who continue to work during their course of study. Classes are usually offered one afternoon and evening a week. Students take two courses (6 credits) per semester for eight semesters to complete 48 doctoral-level credits. In addition, eligible students must pass a Candidacy Exam and complete a dissertation focused on research and scholarship.

D.S.W. Course of Study*

First Year

Fall

SWK 810	The Epistemological Bases of Social Work Knowledge
SWK 842	Analysis of Social Work Practice Models and Theories of Personal Development

Spring

SWK 844

Program Development:
Theory and Practice

SWK 860

Social Work and Social Science

Second Year

Fall

SWK 840

The Culture of Social Work

SWK 850

Comparative Approaches
to Social Work Research

Spring

SWK 843

Social Work Practice and
Theories of Personal
Development

SWK 845

Comparative Perspectives on
Social Provision

Candidacy Exam

Third Year

Fall

SWK 846

Social Work Practice with
Families: Theory and
Research

SWK 854

Seminar on Proposal
Development

Spring

SWK 849

Mental Health and Women:
An International Perspective
on Policy and Practice

SWK 851

Methods of Data Collection
and Analysis

Fourth Year

Fall

SWK 811

Social Work Education: Issues
and Processes

SWK 848

Group Work Practice: Theory
and Research

Spring

SWK 853

Research Seminar in Social
Work

SWK 861

Critical Issues in Social Work

SWK 880

Writing for Professional
Publication

*See pages 158–159 for D.S.W. course descriptions.

Admissions Requirements

Admission to the D.S.W. program is predicated on the possession of a two-year Master of Social Work degree, three years of successful post-M.S.W. professional experience, and demonstrated capacity to engage in advanced study. Each candidate is interviewed by one or two members of the doctoral faculty.

Exceptions to these requirements will be considered when applicants demonstrate equivalent attainments or compensating strengths. For example, an applicant has not yet completed three years of post-master's professional experience, but will be employed in an appropriate professional position while pursuing doctoral studies; or an applicant has made a substantial contribution to professional knowledge by publishing in a professional journal. Applicants who do not fulfill the prototypical admission requirement may be required to complete additional course work beyond the 48 credit hours.

The School of Social Work also considers the following criteria when evaluating applicants for acceptance into the doctoral program. Candidates must show significant evidence of:

- skill in written communication;
- ability to analyze professional issues and problems and to conceptualize appropriate responses to these issues and problems;
- ability to complete the required course work, as evidenced by prior academic performance or the results of objective advanced academic aptitude tests;
- ability to identify and conceptualize a dissertation research problem and to carry the research through to completion;
- ability to complete degree requirements in a timely fashion.

A high score on the TOEFL Exam (Test of English as a Foreign Language) is required of international students.

Application Procedure

Applicants for admission should:

1. Secure and fill out the form, Application for Admission to Graduate Studies;
2. Arrange for three letters of reference, using the provided forms to be sent to the above address;
3. Include a "career statement," presenting your reasons for seeking the D.S.W. degree and describing how it fits into your professional career history and your future career plans;
4. Submit examples of your professional writing, either published or unpublished;
5. Mail your completed application form, application's essay form, and non-refundable application fee (\$50) in the enclosed pre-printed return envelope. Your application fee, in the form of a check or money order, should be made payable to Adelphi University. All the above materials should be sent to:

**Office of Graduate Admissions
Adelphi University
Levermore Hall
1 South Ave
Garden City, NY 11530**

When the application is complete (all the above items having been received), the Division of Doctoral Studies will communicate with the applicant to set up an admissions interview on the Adelphi University campus with one or two members of the doctoral faculty.

Applications should be completed by April 1 for admission into the class beginning the following September. Admissions interviews will be held in March and April. The Admissions Committee will meet mid-April to select a class to begin the following fall semester. Applicants will be notified of admission decisions in the latter part of April.

Financial Aid

A limited amount of financial aid for doctoral students is available through research and teaching assistantships; they are awarded on a competitive basis.

Relationship to University

Admissions

The decision to admit a student to the doctoral program rests with the Director of the Division of Doctoral Studies. The relationship with University Admissions is consultative and procedural. For example, in the instance of international applicants or applicants attending special undergraduate programs in the United States, the University Admissions Office can provide help in evaluating the equivalency of academic courses.

The following materials are sent to the applicant by the University:

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- Data Card
- Reference Letter Forms

Official letters of acceptance or rejections are sent by the Office of University Admissions upon notification by the director of the division of Doctoral Studies.

Transfer Credit

Graduates of Adelphi School of Social Work's post-master's certificate program in clinical social work may petition for required course credit based upon School policy. Such petitions must be submitted during the fall semester of the first year in the D.S.W. program.

For additional information on the D.S.W. Program, contact the office of Dr. Narayan Viswarathan, Director of Doctoral Studies (516) 877-4360.

Post-Master's Certificate Program in Clinical Social Work

The School of Social Work provides a non-credit post-master's certificate program in clinical social work that is open to professionals holding a master's degree in social work or an allied discipline. The program is designed to provide qualified social work practitioners with an opportunity to advance knowledge and sharpen skills in response to clients' different needs. The program consists of five required core courses, one elective, and four continuing case seminars. It is organized over two academic years, including a summer session.

In addition to a master's degree in social work, two years of post-master's professional practice experience is required for admission into the program.

Additional details are available in a special bulletin. Graduates of the certificate program may be eligible to apply for advanced credits in the Doctor of Social Welfare program. Applications are evaluated by the Admissions Committee and results are recorded in the applicant's file following successful completion of candidacy.

Post-Master's Certificate Program in Bilingual School Social Work

This 16 credit post-master's program is designed for bilingual M.S.W. graduates, who are seeking N.Y. State Certification in Bilingual School Social Work. To apply, please submit your application, your M.S.W. final transcript, and an essay describing your interest in bilingual school social work and in securing the certificate.

This program is also available to current Adelphi M.S.W. students. For more information, please contact Mr. Luis Maisonet, Coordinator of Admissions for the School of Social Work, at (516) 877-4384/60.

COURSES OF INSTRUCTION

SCHOOL OF SOCIAL WORK

M.S.W. Courses

Social Welfare Policy and Organization Sequence

SWK 500 Issues in Social Welfare I: History and Philosophy of Social Welfare 3 credits

The introductory course in social welfare policy focuses on three major themes: the development of social work as a profession, the evolution of social welfare institutions, and the changing role of government in the provision of social welfare. These three themes are examined with an emphasis on the philosophical, economic, social, and political forces that shaped their development.

SWK 501 Issues in Social Welfare II: Inequality, Inequity, and Social Justice 3 credits *Prerequisite: SWK 500.*

This course focuses on the problem of inequality and the meaning of social justice. The two major organizing themes are the divisions between Americans based on social class, race, ethnicity and gender, and our collective efforts to close the gaps in income, rights, and general well-being that sustain those divisions.

SWK 722 Organizational Context for Professional Practice 3 credits *Prerequisites: SWK 501 and 691.*

Students examine organizational policies, processes, structures, and roles that translate social policies into goals, service strategies, and case decisions. A number of conceptual frameworks are explored for understanding the role of professional social workers in the organizational settings providing Health, Mental Health, and Chemical Dependency services or social services for families. Students enroll by concentration area.

SWK 736 Social Policy and Social Services Seminar 3 credits

To be taken in the final semester of study.
This course serves as the capstone seminar and seeks to bind together all aspects of the curriculum. Each student will select a problem from practice in her or his concentration and integrate learning from all curriculum areas in a project that seeks to recommend an informed, professional, and scientifically based response to that problem. The seminar prepares students for the analytical and integrative process required and guides them through the work as the semester progresses. This preparation and guidance depends upon a case study analysis, an evaluation of models of policy analysis and social planning, and the systematic review of various technical skills and methods of analysis and planning.

Human Behavior and the Social Environment Sequence

SWK 510 Human Behavior Theory for Social Work Practice I 3 credits

This course presents a biopsychosocial perspective on human behavior across the life cycle through selected theories and empirical data drawn from the social and life sciences. Both functional and dysfunctional behavior are addressed within the context of emotional and physical development family forms, social roles, and life experiences in the home, workplace, and community. The course considers personality theories and the influence of the environment on human development from infancy through old age. Particular attention is given to the influence of gender ethnicity and socioeconomic class.

SWK 511 Human Behavior Theory for Social Work Practice II 3 credits

Prerequisite: SWK 510.

Social Work 511 is the second course of the foundation year human behavior sequence. It focuses on the behavior of individuals, family, group and the community from a biopsychosocial, ethnic, cultural, gender perspective. These variables serve as a frame of reference in the assessment of human growth, development, and behavior in a social environment. Included are a consideration of the dynamic interrelationship between the individual and the environment, multiple family forms, and small and large group theories.

SWK 710 Psychopathology from a Social Work Perspective 3 credits

Prerequisite: SWK 511.

This course provides an understanding of psychopathology from a psychological, sociological, and biochemical perspective. Concepts of mental health and mental illness are viewed holistically. Included are the impact of socioeconomic, gender, racial, ethnic, and cultural factors. This course discusses classification of mental illness, e.g. anxiety states, mood disorders and schizophrenia as set forth in the Diagnostic and Statistical Manual (4th edition). Family violence and substance abuse are examined as common precursors to dysfunctional behavior in children and adults.

Social Work Research Sequence

SWK 557 Social Work Research I 3 credits

Enrollment open to students who have taken or are currently enrolled in SWK 500.

SWK 758 Social Work Research II 3 credits*Prerequisite:* SWK 557.*Corequisite:* SWK 790.

These two courses focus on the design, principles, procedures, and methods of empirical research, stressing issues related to the conduct of research in a practice profession, the relationship between research and practice, the application of principles of critical thinking to both research and practice, and the ethical considerations crucial in research development. **SWK 557** integrates material from the philosophy of science, measurement, research design, and statistics into a coherent view of the social research process. It applies the concepts and procedures of social research to the professional practice of social work by focusing on phenomena that the profession deals with in its practice, and uses as examples actual research that has contributed to the social work knowledge base. **SWK 758** focuses on selected advanced concepts in measurement, research design, statistics, and data analysis, with application in the following areas: evaluation of diagnostic assessment and specific interventions in professional practice; evaluation of service delivery programs; the analysis and evaluation of research reports; and the use of research findings in social work practice. The applications stressed and examples used are drawn from the concentrations and students enroll in the course section devoted to their concentration.

Social Work Practice Methods Sequence**SWK 520 Foundations of Social Work Practice I** 3 credits

This first practice course will provide foundation knowledge within the context of a generalist intervention model. Knowledge and skills for social work practice at the micro, mezzo, and macro levels will be taught from an integrative practice framework. Students will be introduced to social work values, theoretical concepts, and interventive activities common to all social work practice methods.

SWK 521 Foundations of Social Work Practice II 3 credits*Prerequisite:* SWK 520.*Corequisite:* SWK 691.

This course focuses on the theories and skills necessary for social work practice with individuals, families, groups, and communities as a means of enhancing role performance and social functioning. The development of skills in facilitating the interaction of client systems and environments is emphasized, using a systems perspective in relation to problem solving. Crisis intervention, ego support, linking clients to resources, and alleviation of environmental stressors are considered. The small group and groups as representative of communities are examined as vehicles for growth, goal attainment, and empowerment.

SWK 542 Oppression, Diversity, and the Struggle for Human Rights in Social Work 3 credits*Enrollment open to students who have taken or are currently enrolled in SWK 500.*

This course examines the systemic nature of oppression, and the responsibility of and necessity for social work professionals to engage in the fight for social justice and human rights. Students are sensitized to the social context within which populations at risk must learn to function so as practitioners they can better assess and work with these populations from a perspective of empowerment. Within this context the course examines basic concepts about ethnicity as they are reflected in the experiences of several ethnic groups.

SWK 780 Advanced Social Work Practice with Individuals and Families 3 credits*Prerequisites:* SWK 521 and 522.*Corequisite:* SWK 790.

This course presents a range of theories and research findings that inform case assessment and intervention strategies in social work practice with individuals and families. This knowledge is applied to specific biopsychosocial problems prevalent in settings appropriate to the two concentration areas. When working with individuals, the emphasis is placed on the work phase of treatment and the process of practice from an ecosystems, transactional perspective. Family intervention is also approached from a systems perspective. Family structure and its transactions are discussed in relation to effects on individual members, the family itself, and other systems. Practice skills and interventive strategies are analyzed. Students enroll in course sections in conformity with their concentration.

SWK 782 Advanced Social Work Practice with Groups and Communities 3 credits*Prerequisites:* SWK 521 and 522.*Corequisite:* SWK 791.

This course deepens and broadens knowledge of group processes and dynamics, the role of the social worker in the group, and strategies for intervention. It also emphasizes the development of the analytical and interactional skills necessary for community organizing and social planning. The nature and dynamics of diverse groups, communities, and social service networks are explored. Intervention strategies are discussed in the context of settings, problems, and clients most pertinent to each concentration. Students enroll in course sections in conformity with their concentration.

Field Instruction Sequence

SWK 601 OYR Professional Seminar 4 credits
Corequisite: SWK 521.

The OYR Professional Seminar is required for all OYR candidates and is taken concurrently with SWK 521. The course is designed to help students integrate prior and concurrent practice experience with the foundation practice curriculum and to promote the student's capacity and engagement in professional skill development. Direct practice experiences from the student's concurrent human service employment provide a critical learning context. The focus, throughout the seminar, is on doing, reflecting, and knowing. Students identify and apply practice principles to their work with client systems, and use these principles to critically assess their practice.

SWK 690 Field Instruction I 4 credits
Corequisite: SWK 520.

SWK 691 Field Instruction II 4 credits
Prerequisite: SWK 690.
Corequisites: SWK 521 and 522.

SWK 690 comprises the first half of a year-long field instruction internship completed during the first year of the M.S.W. program. The field instruction internship provides the experiential component of social work education in which students work directly with clients in a social agency under professional social work supervision. There is an emphasis on developing foundation skills for work with individuals, families, groups, and communities. **SWK 691** comprises the second half of a year-long field instruction internship completed during the first year of the M.S.W. program.

SWK 790 Field Instruction III 4 credits
Prerequisite: SWK 691.
Corequisite: SWK 780 or 782.

SWK 791 Field Instruction IV 4 credits
Prerequisite: SWK 790.
Corequisite: SWK 780 or 782.

SWK 790 comprises the first half of a year-long, 600-contact-hour field instruction internship completed during the second year of the M.S.W. program. Students are assigned to field agencies in their area of concentration and engage in advanced, multimethod social work practice. Students are expected to complete a minimum of 600 hours of internship during SWK 790 and 791. **SWK 791** comprises the second half of a year-long field instruction internship completed during the second year of the M.S.W. program.

Elective Courses

SWK 706 Social Work Practice and the Health Field 3 credits
Prerequisites: SWK 521, 522 and 691.

Building on a foundation of core knowledge common to all fields of practice, the course examines advanced practice skills and strategies in work with individuals, families, interdisciplinary teams, and service providers in a variety of health care settings. Ethical dilemmas that emerge when the needs of consumers, providers, and society become operationalized are addressed. Racial, ethnic, age, gender, life style, and socioeconomic variables are examined within the context of contemporary health practice.

SWK 717 Social Work Practice and the Major Mental Disorders 3 credits
Prerequisites: SWK 521, 522, and 691.

The focus of this course is on social work practice which empowers clients who manifest serious mental illness. Among the psychodiagnostic categories covered are psychoses (brief and long term), post traumatic stress disorder, and associative disorders as they relate to intervention. Knowledge about psychopharmacology and the psychoeducational approach will be taught. Community services available to individuals and families will be critically compared.

SWK 727 Social Work Practice and Chemical Dependency 3 credits
Prerequisites: SWK 521, 522 and 691.

This course focuses on social work treatment of alcoholism, other substance abuse, and poly-drug use. Alcoholism is conceptualized as both an addiction and a disease. Biological, sociocultural, behavioral, analytical, and transactional approaches to treating addiction are studied. Advanced inter-ventive skills and strategies are considered in working with individuals, groups, families, and the self-help network.

SWK 728 Social Work with Children and Adolescents 3 credits
Prerequisites: SWK 521, 522, and 691.

This course examines a variety of social work practice modalities in direct work with children, adolescents, and their families. Assessment and interventive skills are studied as they pertain to the special problems related to life conditions and events affecting children and adolescents. The societal and organizational context which frames the service delivery system for children and adolescents will be explored.

SWK 729 Social Work with Older Adults 3 credits
Prerequisites: SWK 521, 522, and 691.

This course considers the knowledge, skills, and values necessary for social work practice in the field of aging. The status and condition of the aged in American society, developmental processes of aging, needs and strengths of older people, community resources, and self-help approaches are examined. Advanced professional skills in working with the elderly in individual, group, and community modalities are explored.

SWK 737 Social Work Practice and Alternative Life Styles

1.5 credits

Prerequisites: SWK 521, 522, and 691.

This course provides an overview of issues relevant to social work practice with gay men, lesbians, and significant people in their lives. Topics include societal context, discrimination and homophobia, the history of psychiatric diagnosis and homosexuality, the “coming out” process and its impact on the self and family members, gay and lesbian parenting, and working with people with AIDS and chemical dependency.

SWK 739 Social Work Practice and Family Violence

1.5 credits

Prerequisites: SWK 521, 522, and 691.

This course examines the social problems of physical and sexual abuse of children, incest, woman-battering, and elder abuse. Current risk is addressed as well as long-term consequences for future life functioning. The interaction of substance abuse and violence is considered, as are the interplay of race, class, culture, and gender.

SWK 799 Independent Study

1–3 credits

Topics for independent study are developed by the student in consultation with his or her faculty advisor. The student is responsible for securing a faculty member to supervise the independent study, the approval of the sequence chairperson in which the study is undertaken, and the permission of the Dean of the School of Social Work.

D.S.W. Courses**SWK 810 The Epistemological Bases of Social Work Knowledge**

This course is aimed at encouraging students to think critically about the nature of social work, its knowledge base, its means of developing knowledge, its theories and practices, and its belief systems and value bases. The course begins with an exploration of some major themes in philosophy, logic, epistemology, and aesthetics. It is followed by an attempt to compare and contrast various ways of knowing and varied pathways to knowledge generation. Abstract ideas such as concepts, theories, models, metaphors, and paradigms are used to enable seminar participants to advance their understanding of the nature of social work knowledge.

SWK 811 Social Work Education: Issues and Processes

This course presents a theoretical and practice oriented approach to contemporary educational issues in the profession. The development of curriculum and teaching methodology for social work education are taught. Scientific and humanistic concepts of learning drawn from various theoretical frames of reference are utilized for analysis of the process of curriculum construction and the learning-teaching transaction in professional education.

SWK 840 The Culture of Social Work

In this course we analyze and critique the culture of social work as it is similar to and different from other mental health professions. We delineate the forces shaping social work norms and values, and explore the assumptions behind them from different perspectives, including those that are hostile to our mission. Major emphasis is placed on the student's ability to hypothesize in new categories, conceptualize the unfamiliar and reconceptualize the known.

SWK 842 Analysis of Social Work Practice Models and Theories of Personal Development

The purposes of this seminar course are to facilitate comprehension of the functions and characteristics of theory of and for social work practice and to develop a capacity to critically assess these theories and models. Relevant theoretical models of direct practice and human behavior will be comparatively analyzed, and historical contexts and contemporary issues explored.

SWK 843 Social Work Practice and Theories of Personal Development

This course provides a critical overview and examination of the theoretical and research contributions of the four psychologies, that is, psychoanalytic theory; ego psychology; object relations; and self psychology. The integration of these theories, as well as the appreciation of their separate and unique qualities, will be an important focus of class discussions. Further, the course seeks to foster application and utilization of the theories in social work practice.

SWK 844 Program Development: Theory and Practice

Critical examination of programming models drawn from a range of disciplines is intended to enhance students' ability to identify social problems experienced by their clients and to design and implement effective solutions to these problems. In developing solutions or interventions, students are required to scrutinize the interventions they have employed in their practice, to consider a number of alternatives, and to choose solutions based on the best available knowledge of their effectiveness.

SWK 845 Comparative Perspectives on Social Provision

This course examines the origins, development, and future of social provision and the welfare state in Europe and North America from a variety of perspectives—feminist, cross-national, political, and techno-economic. Students are introduced to a range of models and analytic tools for evaluating and planning social welfare policies. Further, students are encouraged to deepen their understanding of past and present issues in a specific area of social policy (e.g., health, housing, elderly, child welfare).

SWK 846 Social Work Practice with Families: Theory and Research

This course seeks to broaden and deepen students' knowledge and understanding of the theoretical and empirical bases of social work practice with families. The focus will be on a comparative analysis of conceptual frameworks for understanding family dynamics, the practice models derived from them, with special emphasis on cutting edge approaches as well as related research issues.

SWK 848 Group Work Practice: Theory and Research

This course enables doctoral students to: 1) conceptualize their group work practice at an advanced theoretical level and 2) strengthen and update their group work assessment and intervention skills. Basic group work skills are assumed. The course begins with a survey of classic topics (e.g., groups' interpersonal dynamics, role of the group leader). Then, contemporary issues (e.g., feminist views of group development, on-line groups, recent research) are addressed.

SWK 849 Mental Health and Women: An International Perspective on Policy and Practice

This seminar focuses on the psychological, social and economic conditions of women throughout the world that are associated with their disproportionate mental health at-risk status. Though the nuances of their experience varies, women are at highest risk regardless of country, region, culture, ethnicity, or class. Students will acquire comprehensive policy and practice analysis capabilities for the domestic prevention of mental illness and promotion of mental health, utilizing global knowledge transfer when applicable. All work will be founded on human rights principles applied to women across diverse cultures.

SWK 850 Comparative Approaches to Social Work Research: International and Practice Issues

Prerequisite: successful passing of prerequisite Research and Statistics Exam.

This course focuses upon the research process, with emphasis upon problem formulation, hypothesis formation, sampling, instrumentation, and data collection. Various approaches and methodologies will be discussed.

SWK 851 Methods of Data Analysis

Prerequisite: successful completion of SWK 850.

This course focuses on the interaction between statistical concepts, research design, and the practice of data analysis. Topics will include levels of measurement, sampling distributions, research design, analysis of variance, multiple and partial correlation, and computer analysis of data. Students will use an existing data base to carry out computer analysis of data.

SWK 853 Research Seminar in Social Work

Prerequisites: an approved dissertation research proposal, and successful completion of SWK 854.

The focus of this seminar is on implementing the research proposal, including pretesting measuring instruments, selecting and securing the cooperation of a sample, the preparation of a data collection package, the collection of data, analysis, presentation, interpretation of data, and the writing of a dissertation. Students will work on their own individual projects. Instructor will discuss general issues of proposal implementation and will provide feedback to students regarding their individual implementation efforts.

SWK 854 Seminar on Proposal Development (formerly SWK 852)

Prerequisite: successful completion of SWK 850.

This seminar is directed toward the development of an individual research proposal. Issues of justification of problem, conceptual rationale for hypothesis, measurement of variables, sample selection, instrument construction, and data collection are considered. The student will deal with these issues in the context of a concrete research proposal and the culmination of the semester's work will be a tentative research proposal.

SWK 860 Social Work and Social Sciences

This course is designed to broaden and deepen students' knowledge of social science theory as it pertains to social work. Specific theories addressed reflect current faculty interest and expertise, and will be used as exemplars. Several members of the faculty will make presentations on their theoretical interests. The instructor will coordinate these presentations and interpret their relationship to each other and to professional practice.

SWK 861 Critical Issues in Social Work

This course focuses on how the profession of social work identifies crucial issues and then offers examination and discussion of some of the most prominent issues. Critical issues refer to those that are of significance to the entire profession of social work, and have long-range consequences. Illustrative of the challenges facing human service professionals are welfare reform, privatization and corporatization, managed care, licensure, oppression and injustice, globalization, and other issues familiar to the field. Attempts will be made to frame and reframe issues to permit consideration of how social work professionals should respond to the issues.

SWK 880 Writing for Publication

This course is focused on the development of cogent ideas and convincing arguments, leading up to the production of scholarly manuscripts for publications.



CENTER FOR
HEALTH AND
HUMAN SERVICES

Center for Health and Human Services

Professional Philosophy

The Center stimulates and supports innovative programs in health and human services. It draws on faculty from several of Adelphi's professional schools and undergraduate programs and offers inter-disciplinary courses and programs. Further, the Center fosters the development of linkages to health and human service agencies in the community to enrich teaching and provide opportunities for new, real-world experiences that prepare students for the contemporary job market. In addition to the Certificate Program on Aging, certificates of added competencies will also be offered through a variety of programs.

The Center serves as a resource to Long Island and New York City in the areas of health and human services research, consultation, and program support. The involvement of graduate and undergraduate students in these activities is encouraged. As part of its academic mission, the Center will provide leadership in understanding the role of higher education in the evolving world of health care and human services. To this end the Center will sponsor policy relevant activities bridging academia, the community, and the industry. The Center also works with other units of the University in sponsoring continuing education activities.

Multidisciplinary Certificate Program on Aging

Given the reality of longer life and increasing numbers, there is a need and opportunity for advanced professional studies which are designed to promote quality of life for adults throughout their middle and later years. The Certificate Program on Aging incorporates a wellness orientation to successful aging. In the spirit of prevention, a developmental perspective on aging is taken, focusing on the inherent strengths of middle age and older adults.

The wellness perspective focuses holistically on the emotional, cognitive, physiological, cultural, and societal strengths of people and their environments. The perspective recognizes that overcoming or, when necessary, coping with personal and social barriers to well-being is most successful when building on the strengths of people and their social circumstances, rather than focusing on psychosocial deficits. Health promotion measures, therefore, are based upon increasing the positive and reducing the negative aspects of life.

The Program

The 240-hour course of study includes 5 required courses and 1 or 2 elective courses depending upon student's previous education and experience. Most courses require 30 hours of class time for completion. An additional course of supervised field internship may be required for those who are not already working in the field of aging.

Required Courses

GRN 686	Foundations of Aging: A Multidisciplinary View
GRN 687	Psychosocial Health Issues of Aging
GRN 688	Physical Activity and Aging
GRN 689	Integrative Seminar
GRN 690	Policy and Aging

Internship

GRN 792	Field Internship
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Elective Courses

GRN 550	Workshops on Aging
GRN 680	Special Topics on Aging

Admission Requirements

Any person with an undergraduate degree is eligible. Those who do not have a baccalaureate in a health related or social service profession, or do not have experience with the adult population may be required to take additional prerequisite (3–6 credits) in the social sciences. The program is valuable to educators, mental health, occupational, physical and recreation therapists; speech language pathologists, nutritionists, nurses, physicians, social workers; religious leaders, and health care administrators.

Multidisciplinary Addiction Specialist Certificate Program

The Addiction Specialist program is designed for human service practitioners interested in enhancing their knowledge and skills in working with clients with drug and alcohol problems. The program is committed to the belief that substance abuse and addiction is a disorder that markedly affects individuals, families, and society. Clients require the services of professionals who have had advanced, yet specialized, training and understanding in substance abuse and addiction treatment and prevention.

Students, taught by experienced clinician-teachers, will learn cutting-edge skills and concepts that can be immediately integrated into direct practice. All courses are certified by NYS OASAS (Office of Alcohol and Substance Abuse Services) for credits toward earning of recertifying the CASAC.

The Program

The full Certificate Program is a 250-hour course of study, offered over two academic years. Completion of this program establishes the practitioner as a specialist in working with addiction and, for most students, satisfies all educational requirements for the CASAC. Selected courses can also be taken for knowledge enhancement and/or CASAC recertifying credits. Most courses require 30 hours of class time for completion.

The Courses

First Year

Fall Semester I

Current Issues in Policy, Prevention, and
Addiction Theory
Practice and Treatment Seminar I

Spring Semester I

Group Practicum
Physiology, Pharmacology, and Research I

Summer Session

Professional Ethics in Drug and Alcohol
Counseling

Second Year

Fall Semester II

Practice and Treatment Seminar II
Physiology, Pharmacology, and Research II

Spring Semester II

Assessment and Treatment with Families
Electives:

- Addiction and Coexisting Disorders
- Special Populations
- Vocational Rehabilitation

Admission Requirements

Post-Master's Practitioners

Students with graduate-level degrees are eligible to enroll in the full Certificate Program. For many applicants, the program will satisfy *all* educational requirements for the CASAC. Post-Master's practitioners may choose to take selected specific courses for knowledge enhancement or CASAC recredentialing.

Post-Baccalaureate Practitioners

Selected courses, specific first-year courses, or program electives, are open to practitioners seeking to accrue credits toward CASAC recredentialing and/or continued learning.

COURSES OF INSTRUCTION

CENTER FOR HEALTH AND HUMAN SERVICES

GRN 686 Foundations of Aging:

A Multidisciplinary View

3 credits

An overview of cognitive, affective, and behavioral aspects of the aging process from middle age to older adult years. The course takes a holistic approach, viewing older adults within the context of their environments. Theory, research, and practical approaches integrate knowledge from biology, health studies, psychology, social work, sociology, nursing, physical education, and communication science. Phenomena pertinent to middle and older adult years, such as learning ability, physical well-being, life extension, mental health, sensory changes, family structure, sexuality, retirement, spirituality, death, bereavement, housing, and institutionalization are examined.

GRN 687 Psychosocial Health

Issues of Aging

3 credits

Current theoretical perspectives and empirical data concerning middle age and older adults will be examined from a psychosocial health orientation. An interdisciplinary approach will be used to investigate the interrelationship between psychological factors and social conditioning as they impact on the quality of life of older citizens. The health needs of this population will be addressed by focusing on the reciprocal interaction of people with their environment. Topics include social value theory, support systems, normality, prejudice and discrimination, gender identity, ethics, spirituality, and thanatology.

GRN 688 Physical Activity and Aging

3 credits

Examination of the role of physical activity in the prevention of debilitating conditions and diseases associated with the aging process. Investigation of the role of physical activity on the mind and general well-being will be included. Topics include physiological change, nutrition, pharmacology, disease, stress, depression, and productivity.

GRN 690 Policy and Aging*3 credits*

Policy on inter-generational issues, long-term care, collaborative planning, and quality of life concerns will be explored. Course content will critically examine the structure and operation of health services, as well as entitlements such as Medicare, Medicaid, and SSI. Alternatives in gaining access to health care, resources for financing and maintaining quality care, and options for organized advocacy will be considered.

IDC 137950 Professional Ethics in Drug and Alcohol Counseling

This course reviews the ethical standards and dilemmas confronting the drug and alcohol practitioner. Students will explore their own developing ethical standards while gaining an historical perspective on the creation of a professional code of ethics.

IDC 137960 Current Issues in Policy, Prevention, and Addictions Theory

This course provides an overview of current addictions theory, contemporary policy, and advocacy issues. The role of twelve-step programs will be examined and visits to appropriate area meetings will be scheduled. Students will participate in experiential exercises that focus on the use of the self in addictions practice and prevention interventions.

IDC 137961, 137962 Practice and Treatment Seminars I and II

These seminars address the assessment and treatment of persons who are abusing or addicted to chemicals. Various bio-psycho-social theories, which explain substance abuse and addiction, will be discussed and practice approaches will be explored. Treatment methods designed for intervention and prevention will be studied and analyzed. Students will share their clinical practice experience as it relates to their learning.

IDC 137963 Group Practicum

This course enables students to enrich their practice through didactic discussion and experiential participation. Principles of group work with the addicted client, including issues of transference and counter-transference, will be explored.

IDC 137965, 137966 Physiology, Pharmacology, and Research I and II

This two-part course identifies and explores the physiological and pharmacological effects of all major drug categories on the substance abuser. Substance use, drug interactions, neurochemical and behavioral change, symptoms of abuse, and appropriate medical/therapeutic intervention will be discussed; epidemiology and etiology of alcohol and substance abuse will be explored; and basic research design and methodology will be reviewed.

IDC 137968 Assessment and Treatment with Families

Family dynamics are closely interwoven with the substance abusing process. This course will use an intergenerational theoretical framework to identify the family process, to demonstrate techniques that assess the effects of chemical abuse on the family structure, and to introduce methods of meaningful intervention.

IDC 137970 Addiction and Co-Existing Disorders

The pervasive and complex nature of clients having both psychiatric disorders and chemical abuse problems is of increasing importance in the field of chemical addiction treatment. This course examines the treatment of this group from a historical perspective, defines the focus of assessment and its subsequent translation into an appropriate diagnostic category, and offers treatment modalities that use motivational enhancement to improve outcome.

IDC 137971 Vocational Rehabilitation

This course presents principles and approaches for assessing and preparing clients for work or training. Students will learn practical hands-on strategies that will help clients achieve their vocational goals.

IDC 137972 Special Populations

This course prepares students for culturally competent and sensitive practice. Characteristics of major minority groups and their implications for drug and alcohol practice will be discussed.

IX

ADMISSIONS

Admissions

Admission to Graduate Study

General Requirements for Admission

Applicants must hold a baccalaureate degree from an accredited college or university. The following supporting documents should be submitted to the Office of University Graduate Admissions, Levermore Hall 303:

1. Completed and signed application for admission and \$50 application fee.
2. An official transcript or transcripts for all previous college and university work.
3. Appropriate test scores (check with your school and/or department).
4. Completed recommendation forms.

Besides these general requirements, particular programs may specify additional requirements. Applicants should review the statement on admission that appears within the section of this *Bulletin* for each school.

For further information, call or write:

Office of University Admissions
Levermore Hall 114
Adelphi University
Garden City, NY 11530
(516) 877-3050

Admission to Graduate Standing

To be admitted to candidacy in any graduate program leading to a master's or doctoral degree, applicants must possess a baccalaureate from an accredited college or university and must present evidence of their qualifications for advanced study.

In addition to these general requirements, the specific prerequisites for admission to a particular graduate program should be carefully noted. Applicants who are otherwise acceptable for candidacy but who lack special course prerequisites may be admitted as nonmatriculants. When they have satisfactorily fulfilled such back-

ground requirements, they are automatically accorded the status of matriculated degree candidates. (See also the additional requirements of individual schools.)

Provisional Admission

Applicants for degree candidacy who show promise for advanced study but have some deficiencies in their scholarly credentials may be admitted on a provisional basis. Such status must be approved by the school in which the student seeks candidacy.

In qualifying for status as degree candidates, provisional students are required to obtain grades of B or better in each course or a 3.25 grade-point average during an initial 12-credit probationary period. Students who fail to achieve at this level are disallowed from pursuing further course work in the degree program.

Admission of Nondegree Students

Students who wish to undertake graduate study but who do not intend to become candidates for a higher degree are classified as nondegree special students. This classification includes those who wish to enter special certificate or professional diploma programs, those who take selected courses to earn credit, and those who enroll as summer visitors. In order to gain admission, such students must file a nondegree application form and present evidence of a baccalaureate degree. Entry to certificate and diploma programs may require evidence of additional credentials.

Students who are teachers and wish to meet state certification requirements but who do not plan to become degree candidates are also admitted with nondegree status.

Nondegree special students are permitted to enroll in only those courses that have been specifically designated by departments as being available to such students. Individual exceptions require special permission by the coordinator of the program in which the student wishes to enroll and by the appropriate dean.

Nondegree special students are limited to a maximum of 12 credits in courses regularly applicable to a graduate degree. Waiver of this limitation requires the appropriate dean's approval.

Visiting Students

A student who is a degree candidate at a university other than Adelphi and who wishes to take courses at Adelphi for transfer to the university in which he or she is a degree candidate may do so by making regular application as a nondegree special student to the Office of Graduate Admissions. At the end of the semester in which he or she is enrolled, the student must file with the Registrar of Adelphi University a formal request that a record of grades be sent to the home university.

International Students

The following documents should be submitted by all international applicants:

1. International application for admission;
2. Certified English translations of all prior academic scores;
3. Statements describing prior academic institutions and information regarding its accrediting agencies;
4. Total of 550/213 or better (587/240 for Master's in Social Work) on the Test of English as a Foreign Language (TOEFL), or the completion of ELS Language Center's Level 203;
5. Translated descriptions or syllabi of courses taken;
6. Completed notarized affidavit of support and bank statement. (The I-20 form, which enables the student to apply for a student visa, will not be issued without these documents.)

X

EXPENSES AND
FINANCIAL AID

Tuition and Fees

Tuition and Fee Policy

The Office of Student Financial Services must be consulted for the current tuition and fees schedule. Tuition and fees are payable either by mail or in person at the Office of Student Financial Services, or by phone with Mastercard or Visa. Checks and money orders should be made payable to Adelphi University. All payments will be applied to past-due balance first.

Charges billed by the University are outlined below. Students, however, should plan for expenditures associated with books, travel, and personal items.

Additional fees and charges for specific courses, as detailed in the class schedule, also may be assessed.

The following tuition and fee policy pertains to the 2000–2001 academic year. The Board of Trustees of Adelphi University reserves the right to change this tuition and fee schedule without prior notice.

Tuition and Fee Rates

	2000–2001 Academic Year
Graduate, Full-Time	
Social Work and Education STEP Program (12 or more credits per semester) Tuition and University Fees (\$500 nonrefundable)	\$17,280
Communicative Disorders (12 or more credits per semester) Tuition and Fees (\$500 nonrefundable)	\$17,700
Institute of Advanced Psychological Studies	\$21,230

Graduate, All Other Programs

Tuition, per credit hour.....	\$520
Tuition, per credit hour (Communicative Disorders 1–11 credits per semester)	\$535
Tuition, per credit hour (IAPS—1–11 credits per semester)	\$615
University Fees (nonrefundable) 1–6 credits	\$150
7–11 credits	\$200

University Fees

University Fees cover the use of all academic and recreational facilities and services including the library, gymnasium, health service center, counseling, and career services, and provides for security and accident insurance for all students.

Other Fees and Charges

Application Fee (nonrefundable)	\$50
Deferred Payment Plan Fee.....	\$50
Graduation Reapplication Fee.....	\$25
Graduation Late Filing Fee	\$25
Late Registration Fee	\$50
Accident Insurance	\$12
Medical Insurance (Annually).....	TBA
Program change, each form	\$25
Professional Liability Insurance.....	Variable
(Specified after each course in the <i>Directory of Classes</i>)	
Registration Reinstatement Fee	\$150
Returned Check (in addition to charge for late payment of tuition)	\$25
Social Work Orientation Fee (All Social Work full-time graduate students, fall semester only).....	\$8
Transcripts	\$10
Administrative Withdrawal Fee.....	\$100

Students who are converting undergraduate credit to graduate credit will pay the current graduate tuition rate at the time of conversion less the original amount paid. There is no deferred payment plan. There are no refunds.

Payment Policy

Tuition and fees are payable in full at the time of registration. Students preregistering for the fall and spring semesters will be billed in July and December, respectively. Students are responsible for all charges regardless of billing. Students are required to notify the Office of the Registrar of their appropriate billing address and to contact the Office of Student Financial Services if bills are not received. Payments must be made in accordance with University policies, whether or not bills are received.

Deferred Payment Plan—Students may elect a deferred payment plan for each semester whereby one-half of the balance plus a \$50 deferred payment plan fee is due at registration. The final payment is due on October 15 or March 15.

Monthly Payment Plan—Many students have indicated a preference to pay on a monthly basis. Adelphi offers the Academic Management Services (AMS) Budget Plan which provides for payment in monthly installments as an alternative. Information on this plan is mailed to all students before each semester and can also be obtained in the Office of Student Financial Services.

Late Payment Fees—All tuition and fee charges are due at registration unless a two-payment plan or the AMS monthly payment plan is elected. Failure to make payments on time will result in the assessment of late penalties, as defined in the class schedule. Programs not following the traditional semester calendar are also subject to late payment fees.

Students having outstanding indebtedness to the University will not be permitted to register, receive a transcript or grade report, or have a degree conferred. No student may withdraw or graduate from the University in good standing unless all current obligations are paid in full. University policy precludes the use of any current financial aid for payment of past-due charges.

Late Payment Fee

Fall Semester

Payment after August 1	\$50
Payment after October 15.	\$25
Payment after October 31.	\$100

Spring Semester

Payment after January 6.	\$50
Payment after March 15.	\$25
Payment after March 31.	\$100

Tuition Refund Policy

Refunds are computed as of the date the Registrar is notified of the withdrawal. The date of the request will determine the tuition liability for the semester.

Nonattendance in a course does not constitute an official withdrawal. Students will be held responsible for payment of all tuition and fees until an official withdrawal is presented to the Registrar.

Refunds do not depend upon the number of class sessions held or attended. Failure to complete payment is not an official withdrawal. A student who is suspended or dismissed, or who withdraws when under investigation for misconduct, shall not have tuition refunded for the semester in which action is taken.

All refunds from credit balances must be requested in writing each term from the Office of Student Financial Services.

All students who withdraw from the University prior to the first day of classes will receive a credit for all tuition and fees less the mandatory administrative fee.

Students enrolled in courses that meet for fewer than 10 weeks will receive 100% credit for courses dropped prior to the first day of class. Students dropping courses during the first week of class will receive 75% credit. After the first week of classes there is no refund.

Students who have paid their bill with MasterCard/Visa will receive as their refund a charge back to their credit card.

Refund Schedules

Title IV Recipients

Effective Fall 2000, Adelphi University will adopt a new refund policy that conforms to the updated version (Section 668.22) of the Higher Education Amendments of 1998. In accordance with federal regulations, students who withdraw entirely from all classes at the University and have Federal Title IV financial assistance (Federal Stafford Loan, Federal Parent Loan for Undergraduate Students, Federal SEOG, Federal Perkins Loan, or Federal Pell Grant) that has been credited or could have been credited to their account, will be subject to both Federal Policy regarding the possible return of Title IV funds awarded and Adelphi University's policy regarding the possible return of institutional aid awarded. Furthermore, the amount of refundable institutional charges (and/or possible reduction of outstanding balance) will be set by school policy.

The federal government and the School policy will be similar regarding the amount of Student Aid that may be retained (for related school expenses). Only that amount of the semester's aid that has been earned (as a result of the prorated amount of time the student has been in school for that semester) will be eligible for retention on the student's behalf. Any aid that is not earned must be returned to its source. (The amounts to be returned to federal programs will vary based upon the type of program, the total amount to be returned, and the government's determination of the order in which aid is returned to the programs.) If there is a student account balance resulting from these adjustments, the student is responsible for payment.

The order of return of Title IV funds at Adelphi University is as follows:

- Unsubsidized Federal Stafford loans
- Subsidized Federal Stafford loans
- Federal Perkins loans
- Federal PLUS loans
- Federal Pell Grants
- Federal SEOG Grants
- Other Title IV programs

Sample worksheets for the calculation are available in the Office of Student Financial Services upon request.

Non-Title IV Recipients

All students who are ineligible for assistance under the Federal Title IV programs are subject to the following institutional refund schedule for a traditional 15-week semester:

Full/partial drop/withdrawal prior to the first day of the semester	100% refund
Full/partial drop/withdrawal by the end of the first week	90% refund
Full/partial drop/withdrawal by the end of the second week	50% refund
Full/partial drop/withdrawal by the end of the third week	50% refund
Full/partial drop/withdrawal by the end of the fourth week	25% refund
Thereafter	No refund

Withdrawal for Medical Reasons

Students requesting a medical withdrawal after the prescribed refund schedule must submit the appropriate medical documentation and a letter requesting a medical withdrawal to the Office of Academic Services and Retention. Students approved for medical withdrawal will have a credit posted to their account to be applied toward future semesters. **All unused credits will be forfeited within one year of issuance and tuition and fee charges will not be refunded.**

The University reserves the right to change all tuition and fee amounts and policies without prior notice.

Financial Assistance

Adelphi University offers a wide variety of federal aid programs, state grants, and scholarship and fellowship programs.

Financial assistance is any grant, scholarship, loan, or employment opportunity that is offered to an enrolled or prospective student with the express purpose of helping the student meet educational expenses.

The amounts and types of financial assistance that a student receives are determined by the eligibility of the applicant for each program. The combination of these various awards is commonly referred to as the “financial aid package.”

The University expects each student to have knowledge of the information presented in the Undergraduate Bulletin and appropriate Directory of Classes.

Students are encouraged to file the appropriate application forms and to contact their graduate school/department for a listing of additional sources and assistantship information.

Responsibilities of Financial Assistance Recipients

Students receiving financial assistance have the following responsibilities:

1. To complete the Free Application for Federal Student Aid (FAFSA) each academic year by the deadline prescribed by the University.
2. To meet the requirements of good academic standing and maintain satisfactory academic progress toward their degree.
3. If you are transferring to Adelphi from another institution in the spring semester, you must have Financial Aid transcripts from all previously attended institutions forwarded to us, whether or not you received any financial assistance at those schools.

4. To report to the Office of Student Financial Services any changes in enrollment status, changes of name or address, receipt of any additional internal or external financial assistance.

The University reserves the right to make adjustments in financial assistance packages because of changes in the recipient’s enrollment, or residency, income discrepancies, or financial circumstances.

The University further reserves the right to make proportionate adjustments in campus-administered financial assistance if federal or state funding to the University changes.

Students who withdraw from the University before the end of an academic term may be required to repay a portion of their financial assistance.

Application Procedure

The completed FAFSA must be filed with the federal government as soon after January 1, but no later than February 15, of each academic year.

Students currently enrolled are required to reapply for financial assistance each academic year.

Financial Assistance Programs

Assistantships

A limited number of graduate assistantships are available to qualified graduate students. Assistantships are awarded on the basis of academic merit and some may take financial need into consideration. Most assistantships are awarded to full-time students, although the School of Nursing has a limited number of assistantships for part-time students.

Students receiving such appointments are required to devote a specified number of hours each week during the academic year to assist in teaching, research, or other technical services, as assigned by their department.

In return for such services, the student is granted a remission of tuition. In addition, some assistantships offer stipends.

Contact your graduate school/department to obtain applications and specific eligibility requirements.

Adelphi University Scholarships

Adelphi University offers scholarship opportunities to students pursuing graduate degrees in Business or Social Work. Contact the School of Business or the School of Social Work for more information.

Graduate Nursing Loan

This program provides low interest loans to students enrolled in a nursing program. The interest rate is 5% per year. Repayment begins nine months after a student leaves school or graduates and must be completed within a 10-year period. Annual amounts are determined by the Office of Student Financial Services, and depend on financial need.

Federal Stafford Loan

A Stafford loan is a low-interest loan available to students enrolled in a minimum of 6 credits per semester. These loans are made by a lender such as a bank, credit union, or savings and loan association and are guaranteed by the federal government. Depending on the need of the student as calculated by the Department of Education, these loans are either made on a subsidized basis, where the federal government pays the interest during the enrollment period, or an unsubsidized basis, where the student is responsible for such interest. The maximum loan amount for a graduate student is \$18,500. The current interest rate (as of June 1999) is 6.32%. Repayment of the loan begins six months after the student ceases to be enrolled at least half time.

Federal Work Study Program (FWS)

This program provides employment for students demonstrating financial need. Jobs are

on campus. The maximum amount a recipient can earn is determined by financial need.

New York State Aid Programs

Tuition Assistance Program (TAP)

New York State awards grants to New York residents attending New York schools. Grants range from \$75 to \$550 and are based on the total family income. Students must be enrolled full time (12 or more credits per semester) to be eligible.

Application and renewal for TAP are made by completing the FAFSA. This form is available in the Office of Student Financial Services. For further information please contact: TAP Unit 518-474-5642. Adelphi University's School Code is 5000.

Vietnam Veterans Tuition Awards

Vietnam Veterans Tuition Awards (VVTA) provide up to \$1,000 per semester for full-time study or \$500 per semester for part-time study to Vietnam veterans matriculated in a graduate degree-granting program.

Persian Gulf Veterans Tuition Awards

Persian Gulf Veterans Tuition Awards (PGVTA) provide up to \$1000 per semester for full-time study or \$500 per semester for part-time study to Persian Gulf veterans matriculated in a graduate degree-granting program.

For further information contact:
Higher Education Services
Corporation (HESC)
Student Information
Albany, NY 12255

Or visit HESC's World Wide Web Site at:
www.hesc.com.

Regents Professional Opportunity Scholarship

New York State residents attending, or planning to attend, a New York State college as an undergraduate or graduate student pursuing a career in certain licensed professions may be eligible for an award from the Regents Professional Opportunity Scholarship Program.

Selection priority is given to: (1) Those who are economically disadvantaged and who are members of a minority group that is historically underrepresented in the chosen profession; (2) Those who are members of a minority group that has been historically underrepresented in the chosen profession; (3) Graduates of the following opportunity programs: SEEK, College Discovery, EOP, or HEOP.

Awards range from \$1,000–\$5,000 per year.

Award recipients must agree to work one year for each annual payment received. Employment must be in the studied profession and must be in New York State.

Contact NYS Education Department in the fall prior to the academic year for which you are applying, for the application deadline.

For further information contact:
 NYS Education Department
 Bureau of College, School, and
 Community Collaboration
 Cultural Education Center, Room 5C64
 Albany, NY 11230

Other Assistance

Several lenders offer credit based “alternative loans” for students who need to borrow above the Federal Stafford loan limits. For these alternative loans, students may borrow up to their total cost of education, less all other financial aid that they are receiving for the loan period. The features, eligibility, and repayment requirements for these alternative loans vary depending on the program. To find out more about them, contact the Office of Student Financial Services at (516) 877-3080. Following is a list of available alternative loan programs:

Loan Program	Lender
1) CitiAssist	Citibank
2) Signature Student Loan	Sallie Mae Affiliated Lenders
3) Grad Excel Loan	Nellie Mae
4) Teri Loan	Multiple Lenders
5) Key Alternative Loan	Key Bank, USA

Financial Assistance Policies

All financial assistance awards are made based on the information available as of the date of the financial assistance award letter. If the student receives financial assistance from sources not specified in the award letter, whether from Adelphi or from outside sources, Adelphi reserves the right to adjust the award.

In addition, the Office of Student Financial Services should be notified of any change to the student’s financial situation after the completion of the FAFSA that the student believes could affect the student’s eligibility for assistance.

Adjustments to student’s financial assistance award may be made at the discretion of the Office of Student Financial Services. Some common reasons for adjustments are change in budgets (for example, if the student moves from University housing to private housing), documentation of incorrect income and asset information, change in student’s circumstances, awarding of outside or academic scholarships, or any other change in information that in the opinion of the Office of Student Financial Services justifies a change in the financial assistance awards.

Students receiving scholarships that exceed the cost of tuition may be subject to federal income tax on the amount by which the award exceeds tuition. We recommend students check with their tax consultant for further information.

Foreign Students

Federal and state financial aid programs are limited to U.S. citizens and resident aliens (persons with Form I-151, also called a “Green Card”).

Nondegree Students

Individuals registering for courses in the University without applying to the Admissions Office for degree status are considered nondegree students. The courses taken are considered to be for personal enrichment and the student is not eligible for any financial assistance.

Appeals

An appeals committee exists for students and parents who feel that individual circumstances warrant exceptions from published policies. Any written requests for appeals should be directed to the committee's coordinator. The address is:

Kay McGuire
Adelphi University
South Avenue
Garden City, NY 11530

XI

RULES AND
REGULATIONS

University Regulations

The responsibility for knowing and meeting the applicable degree requirements, as well as the academic regulations of the University and its schools, rests with each student.

University regulations, protocols, and procedures govern all degree programs at the University. Beyond these fundamental regulations, protocols, and procedures, the University's six graduate schools abide by additional specific regulations, protocols, and procedures consonant with their missions, and curricula.

The *Graduate Bulletin* is the chief source of information on the academic regulations, protocols, and procedures of both the University and its graduate schools. University academic regulations, protocols, and procedures pertaining to graduate study are set forth below. The specific regulations of the six individual graduate schools appear in the sections of this *Bulletin* devoted to the programs of the individual schools. Students wishing to seek clarification of such information, or exceptions from academic regulations, are invited to consult their department chairs, then the dean of their schools, and finally the Office of the Provost, the University agency charged with oversight of the entire academy.

Federal and state regulations are not subject to petition.

Student Code of Conduct and Judicial Policy

As members of an educational community, students are expected to behave responsibly, appropriately, and civilly toward all persons with whom they interact. In addition, students are expected to abide by all University rules, regulations, and policies. The Code of Conduct for Students describes the University's standards and expectations for the behavior of its students. The Code requires that students comply promptly with the directives of Adelphi employees who

are acting in accordance with their authority as officials of the University. Failure to comply could result in suspension from the University. All students are expected to read and adhere to the letter and spirit of the Code of Conduct.

Non-academic violations of the Code of Conduct are adjudicated under the Adelphi University Student Judicial Policy. All matters of academic misconduct are adjudicated by the dean of the school or college in which the offense occurred. Inquiries in regard to adjudication of academic misconduct should be referred to the appropriate dean. The Code of Conduct and Student Judicial Policy are published in the annual edition of the *Guide to Student Life*. For questions or more information, contact the University's Judicial Officer, University Center 109, (516) 877-6667.

Academic Integrity

Adelphi University upholds the highest standards of academic work; these standards rest upon the academic integrity with which students and faculty perform their work. Students' academic integrity is manifested in the uniqueness of their academic work undertaken toward a degree, in their conduct during examinations, and by the proper attribution of their sources in preparation of written work. Students whose work does not meet these standards of academic integrity shall be separated from the University. Submission of false data, falsification of transcripts or grades, misconduct during examinations, and plagiarism are among the violations of academic integrity.

Acceptance As a Degree Candidate

Acceptance as degree candidates in all programs is recommended by the school and department in which a student wishes to specialize. Status as a degree candidate depends upon a student's qualifications and the policy of the degree program in which he or she wishes to enroll. Students who are provisionally accepted must apply for a change in status at the office of the dean of their chosen school.

Attendance

Only students who have been registered by the Office of the Registrar may attend courses at the University. Adelphi students make a commitment to be active participants in their educational program; class attendance is an integral part of this commitment. *Attendance requirements for each course will be announced by the faculty member at the beginning of each term.* Students are expected to be present promptly at the beginning of each class period, unless prevented by illness or by other compelling cause. Students are responsible for completing course work missed through absences. Students should wait a reasonable length of time for an instructor in the event that the instructor is delayed.

The Academic Calendar

The Academic Calendar consists of two semesters (fall and spring), approximately 15 weeks each, and two summer terms, five weeks each. Graduate students may register during the several registration periods. Adelphi University does not schedule classes on Labor Day; Rosh Hashanah; Yom Kippur; Thanksgiving; Christmas; New Year's Day; Martin Luther King, Jr., Day; Memorial Day; and Independence Day. The University recognizes that there are other holidays, both secular and religious, which may be observed by individuals or groups on campus. Students who wish to observe such holidays must so inform their instructors within the first two weeks of each semester so that alternative arrangements convenient to both students and instructors can be made.

Deadlines

Every semester graduate students have sufficient opportunities to reconsider, for a period of time, their selection of courses. The Academic Calendar (which can be found in the front of this *Bulletin*) sets forth the specific deadlines for decisions about, and adjustments to, registration, adding and dropping courses, changing a grading option, and withdrawing from courses.

Meeting academic deadlines are the student's responsibility.

Registration

Registration is the process by which the Office of the Registrar certifies the enrollment of students in courses of study or their right to use the services available at the University. Registration instructions are published by the Registrar every semester in the *Directory of Classes*. Registration materials are mailed, by the Office of the Registrar, to eligible students. The *Directory of Classes* is available at the Registrar's Office, Levermore Hall lower level.

All students intending to enroll in graduate courses for a given semester must register with the University Registrar during the official registration period preceding the opening of each semester, and announced in the Academic Calendar, which appears in this *Bulletin*.

To register, students must consult the current issue of the *Directory of Classes*, which lists the courses being offered and describes the procedures, terms, and conditions of registration.

During the registration period, students must report directly to their academic advisors for advice and endorsement of their programs. A pre-programming period is held toward the end of each semester, during which currently enrolled students may, by appointment with their academic advisors, select their programs in advance for the following semester.

There are several ways to register at Adelphi:

Registration begins in late fall and spring and continues until the first day of classes. It is an opportunity for students to select the courses in which they wish to enroll the following semester.

Late Registration may be permitted during certain days of the week following the close of the official registration period, provided that courses have not been closed to additional enrollment. Admission to a graduate course is not possible after the second meeting of any class. See the "Academic Calendar" section in this *Bulletin*.

Eligibility

Only eligible students may register for courses of study at Adelphi. Eligible students are those who:

- have been admitted to the University by the Office of Admissions (see section titled “University Admissions Policy”);
- have met all their financial obligations to the University;
- have enrolled the previous semester and have not been dismissed, suspended, expelled, or withdrawn from the University;
- have provided the University with proof of compliance with New York State immunization requirements (see section titled “Admission Credentials”).

Only students who have been cleared by the Office of Student Financial Services and who are officially registered for a course as of the end of the second week of the semester shall be eligible to receive a grade for that course. No grades will be issued to students who violate this policy.

Continuous Matriculation

Students wishing to maintain their status as graduate students and continue to have access to faculty and the resources of Adelphi University must register for continuous matriculation. Registration is required, for example, of students who have completed all course requirements except the thesis and dissertation and who want supervision or advice from faculty, use of laboratory facilities, or the use of the University Libraries. Payment of the registration fee entitles students to all the privileges of registered students. This fee need not be paid by a student whose only contact with the University during an academic semester is to take a comprehensive or similar examination for a graduate degree.

Certified candidates for a doctoral degree, if not registered for courses or thesis or dissertation research carrying academic credit, may register by mail for continuous matriculation during each semester of the academic year until they have completed degree requirements.

Changes in the Registration Program

After the registration periods end, students may make four kinds of changes to their registration: adding courses, dropping courses, changing the grading option, withdrawing from courses. Forms to initiate these changes (Action/Request) are obtained from, and returned to, the Office of the Registrar. These options are described elsewhere in this *Bulletin*. Deadlines to effect these changes are clearly set forth in this *Bulletin*, in the *Directory of Classes*, and elsewhere.

Changes of program must meet with the approval of the advisor, chair, and dean of the pertinent degree program.

Records

Adelphi recognizes two kinds of student records. *Directory information* includes student’s name, school, class, major, participation in officially recognized sports, height and weight of athletes, dates of attendance, degrees, honors, and awards received. *Academic records* are maintained by the Registrar, and consist of credits, grades, and grade points earned. It is the obligation of students to notify the Registrar of any change of name or address.

Access to Records

Directory information may be released to anyone without the consent of the student unless the student has requested in writing to the Registrar that this information not be released. Forms for such requests are obtained from, and returned to, the Registrar. Academic records may not be released without the prior written consent of the student or legal guardian. Access to records is protected by the Family Education and Privacy Act. The Offices of Academic Services and Retention, Student Affairs, Student Financial Services, and the Registrar may, for cause, withhold the academic records of students or discontinue their course registration.

The Transcript

The transcript lists the complete academic record of students. Students may obtain a copy of their transcript from the Registrar by completing a request form. There is a charge per transcript. An *official transcript* is one that bears the seal of the University and the signature of the Registrar (\$10). *Unofficial transcripts* are given to or sent directly to students and carry the notation UNOFFICIAL COPY (\$10). *Transcripts will not be issued for students who have failed to meet their financial obligation to the University.*

Academic Advising

Upon beginning study for a master's or doctoral degree, students are assigned an academic advisor. The advisor approves the student's program of studies, counsels and advises on academic regulations, protocols, and procedures. *Students themselves are solely responsible for developing their programs of study and meeting all requirements for degrees.* Students must therefore familiarize themselves thoroughly with the University regulations, protocols, and procedures set forth here, and with the specific regulations, protocols, and procedures set forth under each school and degree program.

Academic Residence

Candidates for the M.A., M.S., and M.B.A. degrees are expected to carry at least one course each semester, and to fulfill all degree requirements within five years (M.S. and M.B.A. in accounting, M.B.A. in management, and M.S. in banking and money management, six years; M.S.W., four years) from the date of admission to graduate study. Under extraordinary circumstances and with the recommendation of a student's department, the dean may grant an extension of the time limit.

Certification of Candidacy for the M.A., M.S., M.B.A., M.S.W., Ph.D., D.A., or D.S.W. Degree

When students have completed all requirements for the degree except the thesis or dissertation research, thesis seminar courses, and the final examination or the thesis or dissertation, the chairs of the students' departments notify the offices of the deans. The deans then notify these students that they have been certified as candidates for the appropriate master's or doctoral degree.

Standard Number of Credits

A full-time course load is ordinarily defined as 12 credits per semester. For purposes other than V.A. financial benefits, candidates for a degree who are carrying fewer than 12 credits but are engaged in thesis or dissertation research or field work, or are preparing for language, oral, preliminary, or comprehensive examinations, may be classified as full-time students at the discretion of the dean of the pertinent school. Under certain conditions, a research or teaching assistantship may be considered part of the minimum full-time load.

The maximum academic load per semester for part-time students engaged in full-time employment, or students enrolled in summer session courses, is 6 credits. Any exception to this policy must be approved in advance by the dean of the pertinent school. Exceptions may be made only when a student has given evidence of superior academic achievement.

Advanced Standing and the Transfer of Credits from Another University

The transfer of graduate credits earned at another university is allowed only for appropriate courses completed with a high level of achievement (B or higher) within five years preceding the date of admission as a graduate student at Adelphi University. The Derner Institute for Advanced Psychological Studies allows no

credit for advanced standing. Credit for courses with a grade of C or lower are not transferable.

Students must initiate requests for such transfer credit when they matriculate for a graduate degree. Requests should be filed with the offices of the deans. Evaluation of advanced standing is recommended to the deans by the department in which a student wishes to study.

Information About Courses

Courses are listed by prefix, number, and title in the sections of the *Bulletin* entitled "Courses of Instruction." For a list of current course offerings, students should consult the *Directory of Classes*, published by the Office of the Registrar each semester and for the summer terms.

Cancellation of Courses

The University reserves the right to cancel any course.

Course Policies and Practices

Course policies and practices are made explicit each term in the course syllabus. These are established by the course instructor and are never at variance with University policies and practices. The course syllabus describes attendance policy, course requirements, and grading criteria. The instructors are required to distribute course syllabi during the first week of classes. Course syllabi are also on file with the home department. Students planning to take advantage of advanced technology (e.g., recorders, lap tops) in the classroom must seek the consent of the instructor. At Adelphi, time spent in the classroom is only a part of the student's course work. Courses require reading, research, and study to complete the classroom work assignments and may also require laboratory, tutorial, or field work.

Course Prefixes and Numbering System

Every course offered has a three-letter prefix. In Arts and Sciences and Business, the course prefixes are normally the first three letters of the name of the major or area (BIO for Biology, ACC for Accounting, for example), or the prefix may combine other significant letters (MGT for Management, for example). The other schools use single prefixes for all their courses. NUR for Nursing, SWK for Social Work.

Graduate courses are numbered 500 and higher. Graduate students may not take courses numbered lower than 500 for graduate credit. Graduate courses numbered 500 to 599 are open to Adelphi seniors under strictly controlled admission to graduate standing. However, at the discretion of a dean, a limited number of graduate credits so earned, and not used to fulfill baccalaureate requirements, may be applied toward a higher degree.

Graduate courses numbered 600 to 699 are normally taken during the first year, and those numbered 700 to 799 taken in the second year, of full-time graduate study. Courses numbered 800 and higher are reserved for third- and fourth-year graduate students in doctoral programs.

Adding Courses

Students who wish to add a course to their program after the registration periods must complete an Action/Add Request, including appropriate approval. Students are advised that there is a fee for courses added and that there may be additional tuition charges.

Dropping Courses

Students who wish to drop a course from their program after the registration periods must complete an Action/Request. Students are advised that there is a fee for each course dropped. Dropped courses will not appear on the transcript.

Withdrawing from Courses

Withdrawals from courses are possible after the deadline to drop courses but no later than Friday of the 9th week of the semester, the third week of a summer term, or the second week of a one-month term. Students who wish to withdraw from a course must complete an Action/Request including appropriate signatures of academic approval. Withdrawals from courses appear on the transcript as a W.

Nonattendance in a course does not constitute an official drop or withdrawal from a course. The student's failure to drop or withdraw properly from a course does not preclude the instructor from submitting a grade for the student on the basis of the work previously submitted.

An instructor may request the dean of the appropriate academic unit to withdraw a student from a course because the student's behavior disrupts the conduct of the course. Students have the right to appeal such withdrawals.

Academic Assistance for Students with Disabilities

Students who have a documented physical or learning disability and require special accommodations for their course work should inform the Coordinator of the Office of Disability Support Services. Accommodations for special needs are determined individually by the Office, according to documented need. Accommodations may include special testing adjustments, note takers, books on tape, classroom accessibility, etc. The office is located in University Center 310. The Coordinator may be reached at (516) 877-3145. To apply for accommodations, a Petition for Accommodations and Consent for Release of Information form must be completed and recent, valid documentation of the disability must be submitted. The Coordinator reviews the completed request and the pertinent documentation. If the request is granted, the student will be issued an Accommodation Card identifying the specific

accommodation(s) that the University will provide. The student will present the Accommodation Card when requesting special accommodations for the stated disability.

Final Examinations

Final examinations are an important part of the institutional program and a gauge of course achievement. Finals for fall and spring semesters are held at the close of the semester. Examination times are scheduled by the Registrar and announced in the *Directory of Classes*. Instructors indicate their final examination requirements on syllabi or announcements distributed during the first week of class. If a course does not require a final examination, appropriate course-related activity will be substituted at the scheduled time during finals week. Classes may not meet at other times during finals week without written consent of the appropriate academic dean.

Final examinations for summer courses are normally held during the last regularly scheduled class meeting.

Students are advised that:

- No final examinations will be administered to an individual or group before the last official class meeting;
- No instructor may increase the time allowed for a final examination beyond the scheduled two hours;
- No instructor may change the time or date of the final examination;
- No student may be required to take more than two final examinations during one calendar day. Students with more than two examinations on one calendar day should go to the office of the appropriate academic dean;
- Postponed examinations may be requested only by students who are seriously ill or who have more than two examinations in one day;

- Postponed examinations will be held only during the first week of the following term;
- Instructors must offer a make-up examination to all students who were excused from the final examination because of illness or because of conflict with other examinations;
- All students must be allowed to see their graded finals;
- Access to graded finals should be ensured for a period of one semester after the examination was completed;
- Completed and graded finals may not be left in public places for retrieval by students.

Grades

Grades represent the instructor's evaluation of student competencies and course performance. Grades assigned by Adelphi instructors conform with University standards, policies, and procedures. Each instructor will inform students of applicable grading standards for a course. Students may review the material submitted to the instructor for evaluation, such as that student's papers and examinations. At the end of each semester, grades are given in semester courses. Instructors submit grades to the University Registrar at the end of each term. Grades are mailed to students by the Registrar after the close of each term, provided they have no outstanding financial obligations with the University.

Grading System

Adelphi has a letter grading system. Passing grades for graduate students, in rank order, are A, B, C, and P (Pass). Failing grades are designated with F*. Other designations include:

What Grades Signify

Letter Grade	Quality Range	Grade Points (per credit hours)
A+	Superior mastery of facts and principles; clear evidence that stated course objectives and requirements were met by the student.	4.0
A		4.0
A-		3.7
B+	Above average mastery of facts and principles; evidence that stated course objectives and requirements were met by the student.	3.3
B		3.0
B-		2.7
C+	Average mastery of facts and principles; some evidence that stated course objectives and requirements were met by the student.	2.3
C		2.0
C-		1.7
F	No mastery of facts and principles; little evidence that stated course objectives and requirements were met by the student.	0.0

* The School of Management and Business does use a D designation.

Computing the Grade-Point Average (G.P.A.)

Earned Hours are credit hours awarded to the student for successful completion of academic course work or its equivalent. *Attempted Hours* are the number of credit hours actually registered for by a student, except for audited courses and those from which one has been officially dropped. *Quality Points* are computed by multiplying the grade points per hour by the credit hours of the course. For example, a B in a 3

credit undergraduate course would generate 9.90 quality points. *Quality Hours* are all graded credits taken at Adelphi University.

No points are given for the P grade, and the P is not computed in either the semester or the cumulative G.P.A. A failing grade is recorded and computed as an F. For each semester's work, a semester's G.P.A. is computed as follows:

The total number of quality points earned is divided by the total number of quality hours. For example,

$$\begin{array}{r} 45 \text{ Quality Points} \\ \div \\ 15 \text{ Quality Hours} \end{array} = 3.000 \text{ G.P.A.}$$

A student who has received advanced placement credit and/or transfer credit will have the cumulative G.P.A. computed on the basis of total quality hours at Adelphi.

Grade Changes

Students who believe their grades are incorrect or unfair should:

- Discuss their course work with the instructor;
- Review with the course instructor the grading policies for the course;
- If still dissatisfied, disputes concerning grades shall be addressed and initially resolved by the chair of the department offering the course;
- If still dissatisfied, students should bring their concerns to the dean of the school responsible for the course;
- Resolutions by the chair or the dean shall be subject to review by the Provost. In the absence of any prior resolution, the Provost may act to resolve grade disputes.

A grade may be changed only if there is unequivocal evidence that it was the direct result of arbitrary and capricious conduct on the part of the instructor, or because of mathematical or mechanical errors in scoring examinations.

Other Transcript Designations

AU (Audit) Students who are auditors register for the course, pay the regular tuition, but do not receive a grade.

I (Incomplete) The student has not completed the course requirements by the end of the semester and has obtained permission from the instructor to take additional time to complete the course work. *Conditions:* The designation of Incomplete (I) rather than a regular letter grade may be used by instructors only if a student has been excused from the completion of course requirements because of illness or other exceptional, compelling circumstances. *Students may have no more than one calendar year after the end of the semester in which the grade was given to resolve Incompletes.* Unresolved Incompletes convert to Fs after this time. This then becomes the final grade.

IP The IP grade shall only be used for completion of continuing graduate research and theses.

W (Withdrawal) is issued by the Office of the Registrar when the student has officially withdrawn from a course with the instructor's written consent. This procedure is accomplished only on official University Drop-Add forms. W is not computed in the G.P.A. (See the section in this *Bulletin* titled "Withdrawing from Courses.")

Leaves of Absence

Graduate degree candidates who find it necessary to interrupt their education for a period exceeding one year's time must request in writing a leave of absence from their chair and dean. Without such notice, students will be dropped from the official roster of degree candidates. Reinstatement to active degree candidacy after a year's absence requires the payment of a special fee. The Derner Institute of Advanced Psychological Studies rarely grants a second year.

Withdrawal from the University

In cases of withdrawal for other than medical reasons, students should notify the Office of the Registrar and the dean of the pertinent school in writing without delay. Medical withdrawal from the University should be sought in writing from the Office of Academic Services and Retention. The date of receipt of the written request determines the refunds or financial obligations.

The University reserves the right to request and enforce the withdrawal at any time of a student whose quality of academic performance or conduct is unsatisfactory.

Readmission

Readmission to the University is sought in writing from the dean of the appropriate school or college and is subject to the particular readmission policies of that graduate program.

Conferring of Degrees

Degrees are conferred in May, August, or January. The formal conferring of degrees takes place annually at Commencement in May. Students who are awarded degrees in August or January may attend Commencement the following May.

All students *must* apply for graduation. For January graduates, applications must be filed with the Registrar on or before the last Friday in September; for May graduates, on or before the second Friday in October; for August graduates, on or before the first Friday in June.

Students who have completed degree requirements but who have not applied for graduation will not receive a diploma nor will the degree be conferred. Students who have applied for graduation but who have been assigned Incomplete grades for course work taken in the final semester may attend the commencement exercises but will not be awarded degrees nor receive diplomas at the commencement ceremonies. Students in this category may be awarded their degrees and receive their diplomas if the Registrar's Office receives written notification of the removal of the Incomplete grade or grades prior to:

- June 30 for May graduates;
- September 30 for August graduates;
- February 28/29 for January graduates.

Changes in grade, other than Incompletes, received after the official date for the awarding of degrees will be entered on the student's record with the date of receipt and will be computed in the student's grade-point average.

Diplomas

Students who graduate are mailed diplomas certifying that all degree requirements have been met. Adelphi University will not issue diplomas to students who have outstanding financial obligations with the University.

XII

FACULTY

EMERITI

RECENT HONORARY
DEGREE RECIPIENTS

BOARD OF TRUSTEES

OFFICERS OF
ADMINISTRATION

Faculty

VISITING FACULTY

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PATRICIA JOYCE, *Visiting Assistant Professor of Social Work*, A.B., St John's College; M.S.W., D.S.W. Candidate, Hunter College

STEVEN KRANTZ, *Visiting Assistant Professor of Social Work*, B.A., SUNY Stony Brook; M.S.W., D.S.W. (1990), Adelphi University

DENNIS PARSONS, *Visiting Assistant Professor of Education*, B.A., M.A., College of Staten Island; Ph.D. (1999), New York University

BRIAN ROSE, *Visiting Professor in Theater*, M.A., Queens College; Ph.D. (1993), Ohio State University

JACOB WISSE, *Visiting Professor in Art History*, B.A., McGill University; M.A., Ph.D. (1999) New York University

CHRISTINA ZACCARINI, *Visiting Professor in History*, B.A., Queens College, M.A., Adelphi University; Ph.D. (1999) SUNY at Stony Brook

UNIVERSITY PROFESSORS

EDITH KURZWEIL, *University Professor*, B.A., Queens College; M.A., Ph.D. (1973), New School for Social Research

JOSEPH VIGILANTE, *University Professor*, A.B., Temple University; M.S., D.S.W. (1968), Columbia University

DISTINGUISHED RESEARCH PROFESSORS

FREDERICK A. BETTELHEIM, *Professor Emeritus of Chemistry and Distinguished Research Professor in the Natural Sciences*, B.S., Cornell University; M.S., Ph.D. (1956), University of California at Davis

GEORGE STRICKER, *Distinguished Research Professor of Psychology*, B.A., University of Chicago; Ph.D. (1986), University of Rochester

CURRENT FACULTY

JUDITH ACKERHALT, *Associate Professor of Nursing*, B.S.N., Rutgers University; M.S., Adelphi University; Ed.D. (1986), Columbia University

ANAGNOSTIS AGELARAKIS, *Associate Professor of Anthropology*, B.A., M.S., Lund's University, Sweden; M.Phil., Ph.D. (1989), Columbia University

HENRY F. AHNER, *Professor of Physics; Director of the Core Curriculum*, B.S., Polytechnic Institute of Brooklyn; M.S., Ph.D. (1968), New York University

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How to Reach the Adelphi Garden City Campus

By Airplane:

Adelphi is located within 20 minutes of both John F. Kennedy International and LaGuardia airports. Public transportation is available.

From John F. Kennedy Airport — To exit the airport, take the Van Wyck Expressway north for two miles; then get on the Belt Parkway traveling east. Take the Belt to the Southern State Parkway traveling east. From there, follow the Southern State Parkway (east) directions below.

From LaGuardia Airport — Take the Grand Central Parkway east, which becomes the Northern State Parkway. From there, follow the Northern State Parkway (east) directions below.

By Train:

The Long Island Rail Road runs on a frequent schedule. (Travel time from New York City is 45 minutes.) Take the Hempstead Line from Pennsylvania Station in Manhattan, Flatbush Avenue Station in Brooklyn, or Jamaica Station in Queens to the Nassau Boulevard Station. The campus is a short walk east on South Avenue.

By Car:

Via the Long Island Expressway (Route 495)

Traveling east — Take the L.I.E. to exit 34 south (New Hyde Park Road). At the first traffic light, turn right onto New Hyde Park Road; continue south on New Hyde Park Road; turn left onto Jericho Turnpike; then turn right onto Nassau Boulevard. Turn left onto South Avenue (immediately after crossing the railroad tracks). The Adelphi campus is on the right.

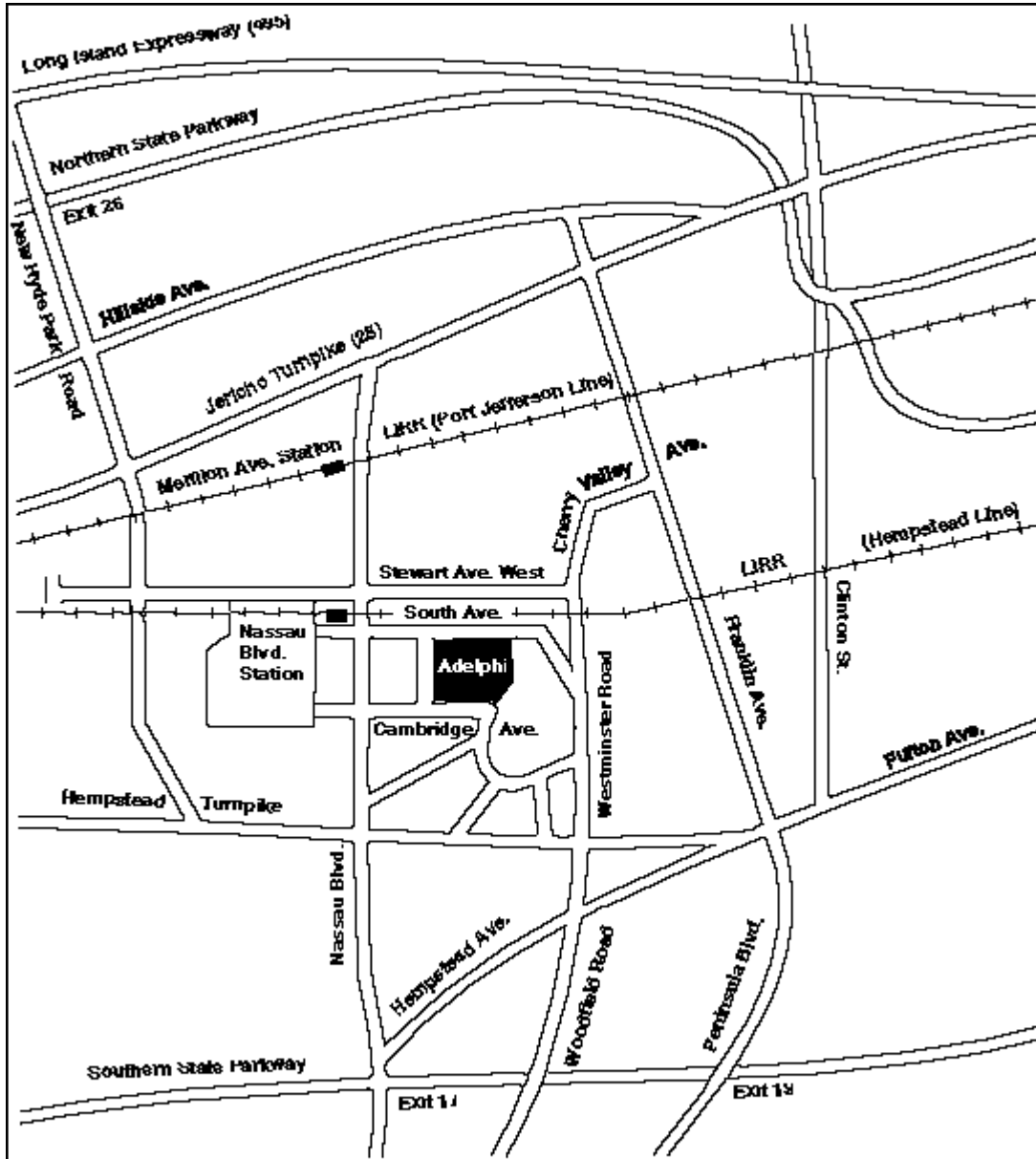
Traveling west — Take the L.I.E. to exit 39 south (Glen Cove Road). Continue south on Glen Cove Road (it will turn into Guinea Woods Road and Clinton Road). Turn right onto Jericho Turnpike, turn left onto Nassau Boulevard; turn left onto South Avenue (immediately after crossing the railroad tracks). The Adelphi campus is on the right.

Via the Northern State Parkway

Traveling east — Take the Northern State to exit 26 south (New Hyde Park Road). Turn right onto New Hyde Park Road; continue south on New Hyde Park Road; make a left onto Jericho Turnpike; then turn right onto Nassau Boulevard. Turn left onto South Avenue (immediately after crossing the railroad tracks). The Adelphi campus is on the right.

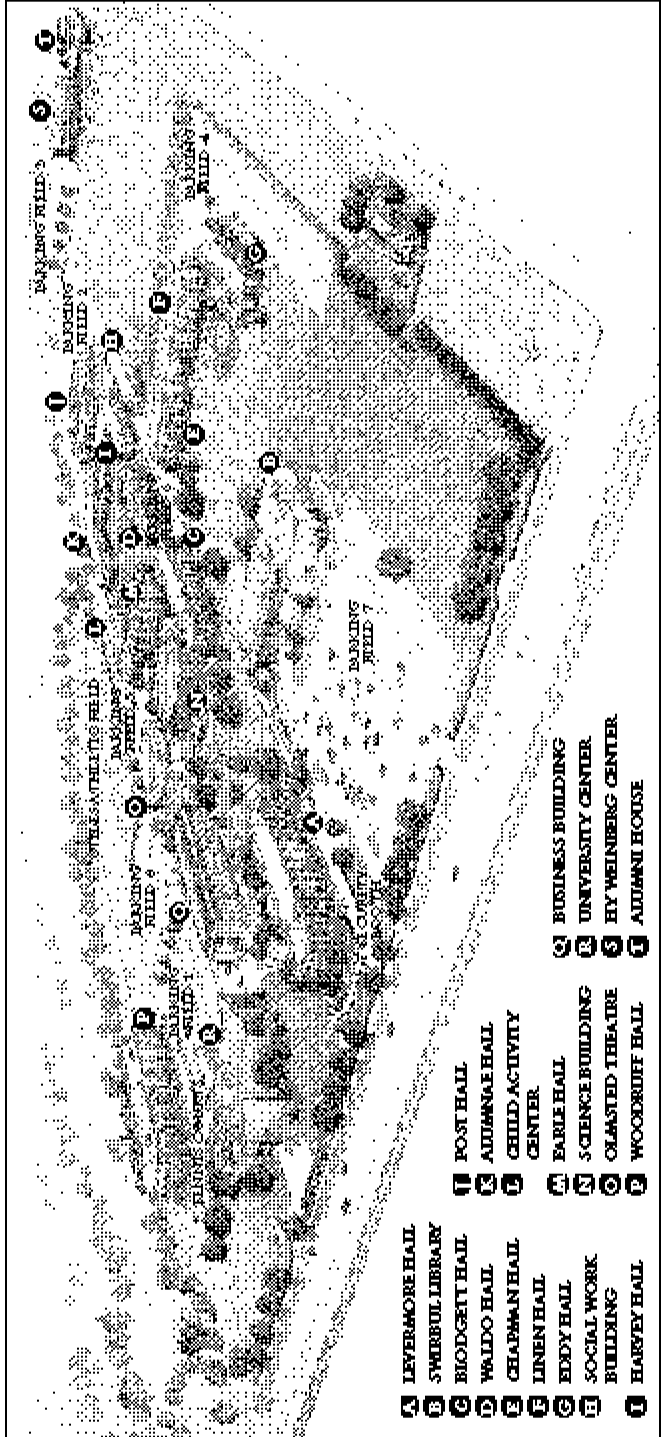
Traveling west — Take the Northern State to exit 31 south (Glen Cove Road). Continue south on Glen Cove Road (which will turn into Guinea Woods Road and Clinton Road). Turn right onto Jericho Turnpike; turn left onto Nassau Boulevard; turn left onto South Avenue (immediately after crossing the railroad tracks). The Adelphi campus is on the right.

Via the Southern State Parkway — Take the Southern State to exit 17 north (Hempstead Avenue). Continue on Hempstead Avenue traveling north. Make a left at the second traffic light (Nassau Boulevard). Continue north to the ninth traffic light. Make a right turn onto South Avenue (immediately before crossing the railroad tracks). The Adelphi campus is on the right.



ADELPHI UNIVERSITY

GARDEN CITY, NEW YORK



- 1 LEVERMORE HALL
- 2 SWIRRELL LIBRARY
- 3 BODGETT HALL
- 4 WALDO HALL
- 5 CLAPMAN HALL
- 6 LINEN HALL
- 7 EDDY HALL
- 8 SOCIAL WORK BUILDING
- 9 HARVEY HALL
- 10 POST HALL
- 11 ADAMIAE HALL
- 12 CHILD ACTIVITY CENTER
- 13 EARLE HALL
- 14 SCIENCE BUILDING
- 15 CLAUDED THEATRE
- 16 WOODRUFF HALL
- 17 BUSINESS BUILDING
- 18 UNIVERSITY CENTER
- 19 BY WEINBERG CENTER
- 20 ADUMAI HOUSE
- 21 ATHLETIC FIELD
- 22 PARKING FIELD 1
- 23 PARKING FIELD 2
- 24 PARKING FIELD 3
- 25 PARKING FIELD 4

Directions to Adelphi University's Manhattan Center

Adelphi University's Manhattan Center is located in SoHo at 75 Varick Street, 2nd Floor, New York, NY 10013 at the corner of Varick and Canal streets.

By Subway:

Take the No. 1 or 9 (Seventh Avenue local) train to the Canal Street stop. The stop is right at the corner of Canal and Varick streets. Using the Eighth Avenue subway, take the A/C/E train to the Canal Street stop which is at the corner of 6th Avenue and Canal. Walk two blocks west to Varick Street and one block north to the main entrance. The L train also runs in Manhattan on 14th Street; take it to the 6th Avenue stop and transfer to the No. 1 or 9 trains heading downtown.

By Bus:

The M10 bus stops directly in front of the Center. Connections for the M10 can be made with any intersecting service on Seventh Avenue heading downtown, and Eighth Avenue heading uptown.

By LIRR or NJ Transit:

Take the train into Penn Station, New York, and follow the subway directions above.

By Car:

Adelphi University's Manhattan Center is located in SoHo on the west side of Manhattan on Varick Street [one way heading downtown (South)] at Canal. Traveling west on Delancey or Houston Streets, make a left turn on Varick Street and head downtown. Traveling on Canal Street, make a right onto Sixth Avenue. Proceed two blocks until Watts Street. Make a left turn, go one block, and make next left onto Varick Street.

Directions to Adelphi University's Huntington Center

Via Northern State Parkway:

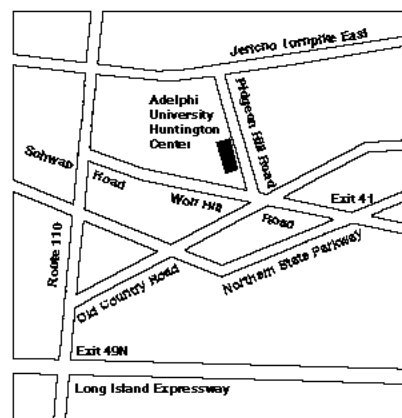
Exit 41 (Wolf Hill Road) from the East turn right, from the West turn left. Continue to second light (five corner intersection) bear right onto Pidgeon Hill Road. Adelphi campus is at 165 Pidgeon Hill Road.

Via Long Island Expressway East:

Exit 49 North (Huntington) Route 110. Proceed four lights to Old Country Road. Make a right. Take Old Country Road for two lights then make a left onto Pidgeon Hill Road (St. Anthony's H.S. is on your left). Proceed 1/2 mile on Pidgeon Hill Road to Adelphi.

Via Long Island Expressway West:

Exit 49 North (Huntington) continue to exit light (Pinelawn Road). Make a right. Go to the next light Route 110 and make another right. Proceed to next light (Old Country Road) and make a right turn. Take Old Country Road for two lights then make a left turn onto Pidgeon Hill Road (five corner intersection). St. Anthony's H.S. should be on your left. Proceed 1/2 mile on Pidgeon Hill Road to Adelphi.



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