









2023–2025 GRADUATE STUDIES BULLETIN

FLORHAM CAMPUS • Madison, New Jersey METROPOLITAN CAMPUS • Teaneck, New Jersey VANCOUVER CAMPUS • British Columbia, Canada WROXTON COLLEGE • Wroxton, England













Fairleigh Dickinson University Graduate Bulletin

Volume LXII October 2023 Fairleigh Dickinson University 1000 River Road Teaneck, NJ 07666

Locations

- Florham Campus (Madison, NJ)
- Metropolitan Campus (Teaneck, NJ)
- Vancouver Campus (British Columbia, Canada)
- Wroxton College (Wroxton, England)

All fees, tuition and charges are subject to change at any time at the discretion of the Board of Trustees.

The University reserves the right to change, without prior notice, the contents of its Bulletins and to modify its academic calendar and programs of instruction; academic and disciplinary requirements, policies and procedures, rules and regulations; its tuition, fees and charges, and the terms of financial aid. Changes shall be effective upon publication or when the University otherwise determines, and any such change may apply to prospective students and to those who already are enrolled at the University.

The University reserves the right to deny admission and matriculation to any applicant who, in the judgment of the University, is not qualified, may not benefit from the University's educational programs or whose presence or conduct may impact negatively on its program(s). Students applying for admission to the University agree to abide by all the rules and regulations now or hereafter promulgated by the University. Any student failing to comply with such rules and regulations is subject to their application being rejected, offer of acceptance being rescinded, enrollment being canceled or other appropriate disciplinary actions. Submission of false information, in this application or otherwise, is deemed a violation of University rules and regulations.

Fairleigh Dickinson University is committed to providing equal opportunity to all qualified persons and does not discriminate on the basis of race, religion, color, creed, ancestry or national origin, handicap/disability, age, gender, sexual orientation, marital status, pregnancy status or veteran status with regard to recruitment, admission or matriculation.

The Student Right-to-Know and Campus Security Act

The Student Right-to-Know and Campus Security Act was signed into law in 1990 and amended with the Higher Education Technical Amendment of 1991. The first disclosure date for graduation/ completion rates required by the Student Right-to- Know and Campus Security Act was July 1, 1993.

In compliance with this act, Fairleigh Dickinson University makes this information available to current and prospective students through the Office of Enrollment Management.

Notice of Non-Discrimination

Fairleigh Dickinson University does not discriminate on the basis of sex, race, color, creed, handicap, genetic information, pregnancy status, religion, national origin or ancestry, gender, disability, age, marital status, sexual orientation, gender identity, gender expression, and veteran status, and provides equal access to its programs, services and activities, whether they are offered in-person or online. The following are a list of person(s) who may be contacted with concerns of discrimination.

For inquiries regarding the accessibility of the University's website:

William Kennedy Director, Web Operations Fairleigh Dickinson University 1000 River Road, H-DH2-14 Teaneck, New Jersey 07666 Email: WAS@fdu.edu Phone: (201) 692-7275 Fax: (201) 692-7019

For inquiries by students (and prospective students) regarding the accessibility of the University's programs, services and activities:

Darshan Shah University Director of Academic Support Center and Disability Support Services, Office of Disability Support Services Fairleigh Dickinson University 285 Madison Avenue, M-MO1-01 Madison, New Jersey 07940 Location: Room 206, Monninger Center Email: DSS@fdu.edu Phone: (973) 443-8079 Fax: (973) 443-8080

Craig Mourton Assistant Vice President for Student Affairs Fairleigh Dickinson University 1000 River Road, T-RH2-09 Teaneck, New Jersey 07666 Location: Room 35, Robison Hall Email: DSS@fdu.edu Phone: (201) 692-2477 Fax: (201) 692-2469

For inquiries by employees, prospective employees, students, prospective students and other members of the University community under the University's non-discrimination policies:

Rose D'Ambrosio Vice President, Human Resources Fairleigh Dickinson University 1000 River Road, H-DH3-05 Teaneck, New Jersey 07666 Location: Room 3321, Dickinson Hall Email: EAS@fdu.edu Phone: (201) 692-2706 Fax: (201) 692-2717

In addition to the University's internal procedures, an individual has the right to file a complaint with federal and state agencies that investigate allegations of discrimination. The agency should be consulted concerning their deadlines for filing. The following are a list of external agencies that may consider such complaints.

For violations of the U.S. Civil Rights Act, including Section 504 of the Rehabilitation Act of 1973, or Title I of the Americans with Disabilities Act of 1990:

New York Office Office for Civil Rights U.S. Department of Education 32 Old Slip, 26th Floor New York, NY 10005-2500 Email: OCR.NewYork@ed.gov Phone: (646) 428-3900 TTY: (800) 877-8339 Fax (646) 428-3843

For violations of the New Jersey Law against Discrimination:

New Jersey Division of Civil Rights Northern Regional Office

Visit:

31 Clinton Street Newark, New Jersey 07102

Mailing:

PO Box46001 Newark, NJ 07102 Phone: (973) 648-2700 TTY: (973) 648-4678 Fax: (973) 648-4405

Legal Issues Regarding FDU Website

Reasonable efforts are taken to ensure the accuracy and integrity of information and related materials provided by Fairleigh Dickinson University ("University") on World Wide Web sites within any domain owned by the University ("Websites"), but the University is not responsible for misprints, out-of-date information, technical inaccuracies, typographical or other errors appearing on these websites, or any other website containing information about the University. Information and related materials are subject to change without notice. These websites and all information and related materials it contains are provided "as is". By using these websites, you assume the risk that the information and materials on these websites may be incomplete, inaccurate, out of date, or may not meet your needs and requirements.

Websites include www.fdu.edu, fduknights.com, fdudevils.com, globaleducation.edu, fillfdu.wix.com/fill, writingfdu.org, theliteraryreview.org and all subdomains within the Top Level Domain fdu.edu, or any of the other preceding domains.

Subject to Change

The University reserves the right to change, without prior notice, the contents of its websites, including any posted bulletins, academic calendars, programs of instruction, academic and disciplinary requirements, policies and procedures, rules and regulations, tuition, fees and charges, and the terms of financial aid. Changes shall be effective upon publication or as otherwise determined by the University. Such changes may apply to current and/or prospective students and current or prospective employees.

The University reserves the right to photograph members of the University community, including but not limited to, its students, guests, employees and contractors, in situations appropriate to the image of an academic institution, and to publish likenesses in University publications, videos or other recruitment or promotional materials. However, the University will, to the extent feasible, honor written requests received from community members who do not wish their images published.

Acceptable Use

The websites are included among the computing and electronic communications resources of Fairleigh Dickinson University, which support the instructional, research, and administrative activities of the University. Users of these facilities are bound by the University's Acceptable Use Policy for Computer Usage. That policy applies to all users of computing and electronic communications resources, and computing equipment owned, leased or rented by Fairleigh Dickinson University. This includes all students, faculty, visiting faculty, staff, guests, and external individuals or organizations. Computing equipment includes, but is not limited to, mobile phones, tablets, terminals and computers, whether public machines located in labs or machines assigned for individual use, file servers, and networking equipment used to link these components together and to the Internet.

Fairleigh Dickinson University is not responsible for the content of any material the user prepares, receives or transmits. Thus, as a condition of using the University's computer system, the user represents that his/her use is in compliance with all federal, state and international copyright and other intellectual property laws and agreements and other federal and state laws, nor in his/her use of the system will the user violate any federal or state civil or criminal laws. Furthermore, the user will indemnify, exonerate and save the University (and its representatives) harmless from any claim, damage or cost related to the user's use, including any legal fees the University decides it is necessary to incur to defend itself.

Back to Top

Table of Contents

• <u>Title Page</u>

Graduate Studies Bulletin 2023-2025

- <u>About FDU</u>
- <u>History</u>
- Admissions
- <u>Registration</u>
- <u>Student Life</u>
- <u>Academic Advising and Support</u>

- International Programs and Study Abroad
- <u>Academic Calendars</u>
- <u>Accreditations</u>

Colleges and Schools

- <u>Maxwell Becton College of Arts and Sciences</u>
- Silberman College of Business
- Lee Gildart and Oswald Haase School of Computer Sciences and Engineering
- Peter Sammartino School of Education
- International School of Hospitality, Sports, and Tourism Management
- Henry P. Becton School of Nursing and Allied Health
- <u>School of Pharmacy and Health Sciences</u>
- <u>School of Psychology and Counseling</u>
- School of Public and Global Affairs

Special Programs (Maxwell Becton College of Arts and Sciences)

- Programs in English for Academic and Professional Success (PEAPS)
- <u>Academic Regulations</u>
- Financial Aid

Majors and Certificates (A-Z Listings)

Courses and Course Descriptions

- <u>Courses and Course Descriptions</u>
- Accounting MS
- <u>Administrative Science Graduate Certificate</u>
- <u>Administrative Science MAS</u>
- Administrative Science MAS (Online)
- Administrative Science MAS -Puerta al Futuro
- Administrative Science MAS (Vancouver)
- <u>Advanced Computer Programming Graduate Certificate</u>
- Animation MA
- Animation MFA
- <u>Applied Computer Science MSACS (Vancouver)</u>
- <u>Bilingual/Bicultural Education Specialist Certificate Graduate Certificate</u>
- Biology MS
- Business Administration MBA Programs
- <u>Business Graduate Certificates</u>
- <u>Chemistry MS</u>
- <u>Clinical Mental Health Counseling MA</u>

- <u>Clinical Psychology PhD</u>
- <u>Clinical Psychology PhD: Forensic Track</u>
- <u>Clinical Psychopharmacology MS</u>
- <u>Coaching Theory and Strategies Graduate Certificate</u>
- Communication MA
- Computer Engineering MS
- <u>Computer Science MS</u>
- Computer Science MS (Florham)
- <u>Computer Security Graduate Certificate</u>
- <u>Cosmetic Science MS</u>
- Creative Writing and Literature for Educators MA
- Creative Writing MFA
- Criminal Justice MA
- <u>Cyber and Homeland Security Administration MS</u>
- <u>Cybersecurity and Information Assurance MS</u>
- Database Administration Graduate Certificate
- Digital Marketing MS (Online)
- Diplomacy and International Relations Graduate Certificate
- Dyslexia Specialist Graduate Certificate
- E-Commerce Graduate Certificate
- Education for Certified Teachers MA: Bilingual/Bicultural Education Specialist (NJ Certificate)
- Education for Certified Teachers MA: Early Childhood Specialist P-3 (2nd NJ Certificate)
- Education for Certified Teachers MA: English as a Second Language (ESL)
- Education for Certified Teachers MA: Literacy/Reading Specialist (NJ Certificate)
- Education for Certified Teachers MA: Professional Studies in Education (PROST, FDU certificate)
- Education for Certified Teachers MA: Teacher of Students with Disabilities
- Educational Leadership MA
- Electrical Engineering MSEE
- Emergency Management Administration Graduate Certificate
- <u>Film MFA</u>
- Forensic Psychology MA
- <u>General Theoretical Psychology MA</u>
- <u>General-Theoretical Psychology MA (China)</u>
- Global Affairs MA
- <u>Global Health and Human Services Graduate Certificate</u>
- <u>Global Transportation Management Graduate Certificate</u>
- Global Leadership and Administration Graduate Certificate

- Global Security and Terrorism Studies Graduate Certificate
- Health Science MHS
- Healthcare Administration MHA
- <u>Healthcare Management Graduate Certificate</u>
- <u>High School Athletic Director Graduate Certificate</u>
- Higher Education Administration MA
- Higher Education EdD (Online)
- Homeland Security Terrorism and Security Studies Graduate Certificate
- <u>Homeland Security Administration Graduate Certificate</u>
- Homeland Security Leadership Graduate Certificate
- <u>Hospitality Management Studies MHMS</u>
- Hospitality Management Studies MHMS (Vancouver)
- Human Resources Administration Graduate Certificate
- Industrial Organizational Psychology MA
- Internet Programming Graduate Certificate
- Law and Public Safety Administration Graduate Certificate
- Leadership Theory and Practice Graduate Certificate
- Learning Disabilities MA
- <u>Management Information Systems Graduate Certificate</u>
- <u>Management Information Systems MS</u>
- <u>Non-Profit Organizational Development Graduate Certificate</u>
- <u>Nurse Practitioner MSN</u>
- <u>Nurse Practitioner Postgraduate Certificate</u>
- <u>Nursing Practice DNP</u>
- <u>Occupational Therapy OTD</u>
- Orton Gillingham Teacher Graduate Certificate
- Orton Gillingham Teacher Trainer Graduate Certificate
- Orton Gillingham Therapist Graduate Certificate
- Orton-Gillingham Therapist Trainer Graduate Certificate
- PA Studies MS
- Pharmacy PharmD
- Pharmacy PharmD plus MBA or other Masters: dual degree
- Political Science MA
- Postbac Certification: Early Childhood (P-3)
- Postbac Certification: Elementary Education K-6
- Postbac Certification: Secondary Education K-12 (NJ Certificate)
- Postbac Dual Certification: P-3 and TSD

- Postbac Dual Certification: K-6 and TSD
- Postbac Dual Certification: K-12 and TSD
- <u>Psychology Post-baccalaureate re-specialization</u>
- Public Administration MPA
- Public Administration MPA, Public Health MPH: dual degree (Online)
- Public Health MPH (Online)
- <u>Public Management Graduate Certificate</u>
- <u>School Psychology MA plus Certification</u>
- <u>School Psychology PsyD Advanced</u>
- <u>School Security and Safety Administration Graduate Certificate</u>
- Social Work MSW (Online)
- Sport Management Graduate Certificate
- Sport Management MSM
- Supply Chain Management MS
- Taxation MS
- <u>Teaching English as a Second Language MAT</u>
- Teaching English as a Second/Foreign Language (TESL/TEFL) MA
- <u>Telecommunications and Networking Graduate Certificate</u>

Faculty & Administration

- <u>Faculty</u>
- Administration

Graduate Studies Bulletin 2023-2025

Academic Calendars

The academic calendar is subject to change with appropriate notice.

New Jersey Campuses

Fall Semester 2023

• Registration/Academic Counseling and Advising o August 14–25 • Classes Begin, 8 a.m. (Monday)

o August 28

- Labor Day Holiday (Monday)
 - September 4
- Last Day for New Registrations and Final Drop/Add Changes (Monday)
 September 11
- Midterm Progress Reporting Opens (Monday)

 October 2
- Fall Recess (Monday and Tuesday) • October 16–17
- Midterm Progress Reporting Closes (Tuesday)
 October 24
- Last Day for Student Withdrawal from Classes (Friday)

 November 3
- Priority Registration for Spring Semester 2024

 November 6–21
- Thanksgiving Recess (Wednesday–Friday)

 November 22–24
- Last Day of Fall Classes, Fall Semester (Monday)
 December 11
- Reading/Snow Makeup Days (Tuesday and Wednesday)
 December 12–13
- Final Examinations (Thursday–Wednesday)
 - December 14–20
 - o Grades due no later than 5 p.m. on the third day after exam is administered.
- Fall Semester Ends, 11 p.m. (Wednesday) • December 20

Winter Session 2024

- Classes Begin, 8 a.m. (Tuesday) • January 2
- Martin Luther King Jr. Holiday (Monday)
 January 15
- Classes End, 11 p.m. (Thursday) o January 18

Spring Semester 2024

- Registration/Academic Counseling and Advising o January 2–19
- Classes Begin, 8 a.m. (Monday) o January 22
- Last Day for New Registrations and Final Drop/Add Changes (Monday)
 o February 5

- Midterm Progress Reporting Opens (Monday)
 - February 26
- Spring Recess
 - March 11–15
- Online Registration for Summer 2024 Sessions Opens (Friday)
 March 15
- Midterm Progress Reporting Closes (Saturday)
 March 23
- Last Day for Student Withdrawal from Classes (Friday)
 O April 5
- Priority Registration for Fall Semester 2024
 O April 8–19
- Last Day of Spring Classes (Saturday)

 May 4
- Reading/Snow Makeup Days (Monday and Tuesday)
 o May 6–7
- Final Examinations (Wednesday–Tuesday)
 - o May 8–14
 - Grades due no later than 5 p.m. on the third day after exam is administered.
- Spring Semester Ends, 11 p.m. (Tuesday) • May 14
- University Commencement

 May 15 (Date subject to change)

Summer Session I 2024

- Classes Begin, 8 a.m (Monday) • May 20
- Memorial Day Holiday (Monday)

 May 27
- Memorial Day Holiday Makeup Day (Friday)
 May 31
- Classes End, 11 p.m. (Saturday) o June 28

Summer Session II 2024

- Classes Begin, 8 a.m. (Monday) o June 10
- Independence Day Holiday (Thursday) o July 4
- Independence Day Holiday Makeup Day (Friday)
 July 5
- Classes End, 11 p.m. (Saturday) o July 20

Summer Session III 2024

- Classes Begin, 8 a.m. (Monday) o July 1
- Independence Day Holiday (Thursday) o July 4
- Independence Day Holiday Makeup Day (Friday)
 0 July 5
- Classes End, 11 p.m. (Saturday) o August 10

Fall Semester 2024

- Registration/Academic Counseling and Advising

 August 12–23
- Classes Begin, 8 a.m. (Monday) • August 26
- Labor Day Holiday (Monday) • September 2
- Last Day for New Registrations and Final Drop/Add Changes (Monday)
 o September 9
- Midterm Progress Reporting Opens (Monday)

 September 30
- Fall Recess (Monday and Tuesday)

 October 14–15
- Midterm Progress Reporting Closes (Tuesday) • October 22
- Last Day for Student Withdrawal from Classes (Friday)

 November 1
- Priority Registration for Spring Semester 2025

 November 4–19
- Thanksgiving Recess (Wednesday–Friday)

 November 27–29
- Last Day of Fall Classes, Fall Semester (Monday)
 December 9
- Reading/Snow Makeup Days (Tuesday and Wednesday)
 O December 10–11
- Final Examinations (Thursday–Wednesday)
 - December 12–18
 - Grades due no later than 5 p.m. on the third day after exam is administered.
- Fall Semester Ends, 11 p.m. (Wednesday) • December 18

Winter Session 2025

- Classes Begin, 8 a.m. (Thursday)
 - o January 2
- Classes End, 11 p.m. (Friday) o January 17
- Martin Luther King Jr. Holiday (Monday)
 January 20

Spring Semester 2025

- Registration/Academic Counseling and Advising o January 2–17
- Classes Begin, 8 a.m. (Monday) o January 21
- Last Day for New Registrations and Final Drop/Add Changes (Monday)
 o February 3
- Midterm Progress Reporting Opens (Monday)
 February 24
- Spring Recess • March 10–14
 - line Degistration for Summer 20
- Online Registration for Summer 2025 Sessions Opens (Saturday)
 March 15
- Midterm Progress Reporting Closes (Saturday)

 March 22
- Last Day for Student Withdrawal from Classes (Friday)
 O April 4
- Priority Registration for Fall Semester 2025

 April 7–18
- Last Day of Spring Classes (Monday)

 May 5
- Reading/Snow Makeup Days (Tuesday and Wednesday)
 May 6–7
- Final Examinations (Thursday–Wednesday)
 - o May 8–14
 - Grades due no later than 5 p.m. on the third day after exam is administered.
- Spring Semester Ends, 11 p.m. (Wednesday)
 - o May 14
- University Commencement
 - \circ TBD

Summer Session I 2025

- Classes Begin, 8 a.m (Monday) • May 19
- Memorial Day Holiday (Monday)

 May 26

- Memorial Day Holiday Makeup Day (Friday)
 o May 30
- Classes End, 11 p.m. (Saturday) o June 27

Summer Session II 2025

- Classes Begin, 8 a.m. (Monday) o June 9
- Independence Day Holiday (Friday) o July 4
- Independence Day Holiday Makeup Day (Friday)
 July 11
- Classes End, 11 p.m. (Saturday) o July 18

Summer Session III 2025

- Classes Begin, 8 a.m. (Monday)
 - o June 30
- Independence Day Holiday (Friday) o July 4
- Independence Day Holiday Makeup Day (Friday)
 July 11
- Classes End, 11 p.m. (Saturday) • August 9

Major Religious Holy Days

The University respects the observance of major religious holy days by members of the campus community. To the extent possible, officers of administration and of instruction responsible for scheduling are expected to avoid conflict with such observances.

Back to Top

Accreditations

Fairleigh Dickinson University is licensed by the <u>State of New Jersey</u> and is authorized to offer <u>degree</u> <u>programs</u> at the associate's, bachelor's, master's and doctoral level.

Fairleigh Dickinson University is accredited by the <u>Middle States Commission on Higher Education</u>, 3624 Market Street, Philadelphia, PA 19104, 267-284-5000. In addition to the accreditation held by all programs for academic purposes, specialized curricula have applied for and been granted approval by the following recognized professional agencies:

Chemistry

American Chemical Society. This accreditation applies only to the Bachelor of Science program offered by the Maxwell Becton College of Arts and Sciences at the Florham Campus, Madison, New Jersey)

Civil Engineering Technology

Engineering Technology Accreditation Commission of ABET (ETAC/ABET) (https://www.abet.org)

Clinical Mental Health Counseling

The Clinical Mental Health Counseling (CMHC) program is fully accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Clinical Psychology

The Clinical Psychology PhD program is fully accredited by the American Psychological Association (APA).

Clinical Psychopharmacology

The School of Psychology and Counseling's Clinical Psychopharmacology MS program is designated by the American Psychological Association (APA). APA does not "accredit" psychopharmacology; they "designate" programs.

Computer Science

Computing Accreditation Commission of ABET (CAC/ABET) (<u>https://www.abet.org</u>). This accreditation applies only to the Bachelor of Science in computer science program offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey.

Construction Engineering Technology

Engineering Technology Accreditation Commission of ABET (ETAC/ABET) (https://www.abet.org)

Dyslexia Studies

Orton Gillingham Teacher Certification Program accredited by the International Multisensory Structured Language Education Council (IMSLEC) and recognized as meeting knowledge and practice standards by the International Dyslexia Association (IDA)

Education

The following New Jersey Department of Education certification programs in the Peter Sammartino School of Education are nationally accredited through the Council for the Accreditation of Educator Preparation (CAEP).

• QUEST: Early Childhood (P–3), Elementary Education, Secondary Education, English as a Second Language, Dual Certificate with Special Education

- Master of Arts in Teaching (MAT): Early Childhood (P–3), Elementary Education, Secondary Education, English as a Second Language, Dual Certificate with Special Education
- Teacher of Students with Disabilities (TSD)
- Educational Leadership Program
- Literacy/Reading Specialist

The School of Education's Teacher Preparation program and its Educational Leadership program were granted full accreditation from CAEP (formerly Teacher Education Accreditation Council or TEAC) in 2020, effective through spring 2027.

Electrical Engineering

Engineering Accreditation Commission of ABET (EAC/ABET) (https://www.abet.org)

Electrical Engineering Technology

Engineering Technology Accreditation Commission of ABET (ETAC/ABET) (https://www.abet.org)

Forensics Psychology

The School of Psychology and Counseling's Forensics Psychology MA program is accredited by the American Psychological Association (APA).

Hospitality

The Hospitality and Tourism Management (BA HTM) degree is accredited by Accreditation Commission for Programs in Hospitality Administration (ACPHA). The International School of Hospitality, Sports, and Tourism Management is also a member of the Hotel Schools of Distinction.

Information Technology

Computing Accreditation Commission of ABET (CAC/ABET) (<u>https://www.abet.org</u>). This accreditation applies only to the Bachelor of Science in information technology program offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey.

Mechanical Engineering Technology

Engineering Technology Accreditation Commission of ABET (ETAC/ABET) (https://www.abet.org).

Nursing

The baccalaureate degree program in nursing, master's degree program in nursing, Doctor of Nursing Practice program and postgraduate APRN certificate program are accredited by the Commission on Collegiate Nursing Education (<u>https://www.aacnnursing.org/cene-accreditation</u>). Approval and accreditation from the New Jersey State Board of Nursing.

Occupational Therapy

The School of Pharmacy and Health Sciences' Occupational Therapy OTD program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA).

Pharmacy

The School of Pharmacy and Health Sciences' Doctor of Pharmacy program is accredited by the Accreditation Council for Pharmacy Education (<u>https://www.acpe-accredit.org/</u>).

Physician Assistant (PA) Studies

The ARC-PA has granted Accreditation-Provisional status to the Fairleigh Dickinson University Physician Assistant Program sponsored by Fairleigh Dickinson University.

Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA *Standards* or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the *Standards* as it prepares for the graduation of the first class (cohort) of students.

Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class.

The program's accreditation history can be viewed on the ARC-PA website at <u>https://www.arc-pa.org/accreditation-history-fairleigh-dickinson-university/</u>.

Radiography

Radiography program differs by campus.

Metropolitan Campus Radiography

AS Radiography: The Valley Hospital (TVH) holds the accreditation through the Joint Review Committee on Education in Radiologic Technology (JRCERT) for this program. We have a unique partnership whereby FDU provides the liberal arts and science courses and TVH provides the didactic radiologic and clinical education. The student will earn an Associate in Science (AS) in radiography from FDU and a Certificate of Completion in Radiography by TVH. The student will be eligible to sit for the AART licensure examination. After the student graduates and passes the AART, the student may return to FDU for the BS in radiologic technology.

Florham Campus Radiography

The Florham Campus has a Bachelor of Science in Allied Health Technologies, Radiologic Technology Concentration. This is a five-year BS (3+2) degree. The student attends FDU for three years and an approved clinical site for two years. For the Florham Campus, we have five approved clinical sites, all of which have JRCERT accreditation (Center for Allied Health Education, Brooklyn, NY; Englewood Hospital, Englewood, NJ; JFK Medical Center, Edison, NJ; Hudson County Community College, Jersey City, NJ; and The Valley Hospital, Ridgewood, NJ).

School Psychology

The Master's + Certification program has full approval from the Program Approval Board of the National Association of School Psychologists (NASP) through 2025. The program also participated in the Council for the Accreditation of Educator Preparation (CAEP) accreditation process with the Peter Sammartino School of Education.

Social Work

The School of Pharmacy and Health Sciences' Social Work MSW program is accredited by the Council on Social Work Education's Board of Accreditation (COA) (<u>https://www.cswe.org/about-cswe/governance-groups/boa/</u>)

Silberman College of Business

The business programs offered by Fairleigh Dickinson University through the Silberman College of Business have also received the prestigious Business Accreditation from AACSB International (<u>https://www.aacsb.edu/educators/accreditation</u>). The following degree programs are included in this accreditation:

- Bachelor of Science (majors in Accounting, Business Administration, Entrepreneurship, Finance, Management and Marketing)
- Master of Business Administration (MBA)
- Master of Science Accounting
- Master of Science Supply Chain Management
- Master of Science Taxation
- Master of Science Digital Marketing

The College's Finance curriculum in Wealth Management and Financial Planning has been approved by the **Certified Financial Planner Board of Standards (CFP)**.

Silberman College's human resource management curriculum has been approved by the **Society for Human Resource Management (SHRM)**.

Additionally, its undergraduate Accountancy programs have earned the endorsement by the **Institute of Management Accountants (IMA)**.

Silberman College's finance programs also meet the standards and have applied for affiliated designation with the **Chartered Financial Analyst (CFA) Institute**.

Accreditation State Authorizations

The US Department of Education requires all higher education institutions, other than federal institutions and tribal institutions, to comply with the laws and regulations of the states in which they operate. Higher education institutions also are required to provide contact information for the government agency in each state responsible for addressing student complaints.

State Authorization Status for Distance Learning Programs

FDU distance learning programs are authorized through the National Council for State Authorization Reciprocity Agreements (NC-SARA) for all states with the exception of California since that state does

not participate in NC-SARA. However, students from California may enroll in any FDU distance learning program. FDU also has formal approval for distance education from the Middle States Commission on Higher Education (MSCHE); see "Alternate Delivery Methods" tab at https://www.msche.org/institution/0216/.

Back to Top

Colleges and Schools

Maxwell Becton College of Arts and Sciences

Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and Vancouver Campus, Vancouver, British Columbia, Canada

Janet Boyd, Interim Dean

The Maxwell Becton College of Arts and Sciences deepens students' understanding of their chosen fields, while teaching them to communicate and reason clearly and effectively. The College is committed to helping students advance their careers or continue studies for higher degrees.

In addition to the programs of study and departments listed, the college houses the Hispanic Center and Programs in Language, Culture and Professional Advancement.

Graduate Programs of Study

- Animation (MA) (Florham Campus only)
- Animation (MFA) (Florham Campus only)
- Biology (MS) (Metropolitan Campus only)
 Concentrations: biotechnology, business
- Chemistry (MS) (Florham and Metropolitan campuses only)
- Chemistry with Pharmaceutical Science Concentration (MS) (Metropolitan Campus only)
- Communication (MA) (Florham Campus only)
- Cosmetic Science (MS) (Metropolitan Campus only)
- Creative Writing (MFA) (Florham Campus only)
- Creative Writing and Literature for Educators (MA) (Florham Campus only)
- Criminal Justice (MA) (Metropolitan Campus only)
- Film (MFA) (Florham Campus only)
- Political Science (MA) (Metropolitan Campus only)

Undergraduate Programs of Study

- Art (BA) (Metropolitan Campus only)
 - Concentrations: computer art and design, graphic art and design
- Biochemistry (BS) (Florham and Metropolitan campuses only)
 o Florham Campus Concentration: prepharmacy
- Biology (BS) (Florham and Metropolitan campuses only)
 - Florham Campus Concentrations: anatomy and physiology, cellular and molecular biology, ecology and environmental biology, preprofessional
 - Metropolitan Campus Concentrations: anatomy and physiology, biotechnology, cellular and molecular biology, ecology and environmental biology
- Chemistry (BS) (Metropolitan and Florham campuses only)
- Communication (BA)
 - Florham Campus Concentrations: human communication, multimedia journalism, public relations, social media
 - o Metropolitan Campus Concentrations: advertising, social media
- Computer Science (BS) (Florham Campus only)
 Concentrations: cybersecurity, data science, game development
- Creative Writing (BA) (Florham Campus only)
- Criminal Justice (BA) (Metropolitan Campus only)
- Criminology (BA) (Florham Campus only)
- Film and Animation (Animation) (BA) (Florham Campus only)
 Concentrations: 3D animation, 2D animation, video game animation
- Film and Animation (Film) (BA) (Florham Campus only)
 Concentrations: cinematography, directing, postproduction, producing
- Fine Arts/Studio Arts (BA) (Florham Campus only)
- Government and Politics (BA) (Florham and Metropolitan campuses only)
 - o Florham Campus Concentrations: global politics, legal studies
 - o Metropolitan Campus Concentration: international affairs
- Graphic Design (BA) (Florham Campus only)
 - o Concentrations: illustration, print design, web design
- History (BA) (Florham and Metropolitan campuses only)
 Metropolitan Campus Concentration: social studies
- Humanities (BA) (Florham and Metropolitan campuses only)
- Individualized Studies (BA) (Metropolitan and Vancouver campuses only)
- Liberal Arts (AA) (online only)
- Liberal Arts (AA) (Hispanic Center)
- Literature (BA) (Metropolitan and Florham campuses only)
- Marine Biology (BS) (Metropolitan Campus only)
 Concentration: ecology and environmental biology
 - O Concentration: ecology and environmental bio
- Mathematics (BA) (Florham Campus only)
 - o Concentrations: actuarial science, computer science, financial mathematics

- Philosophy (BA) (Florham Campus only)
- Science (BS) (Metropolitan Campus only)
- Sociology (BA) (Florham Campus only)
- Theater Arts (BA) (Florham Campus only)
 - Concentrations: acting, design and technical theater, directing, musical theater, theater studies

Special Programs

- Hispanic Center
- Programs in Language, Culture and Professional Advancement

Faculty & Staff

Administration

J. Boyd, Interim Dean

- L. Khreisat, Associate Dean
- E. Panuccio, Interim Associate Dean

School of Humanities

M. Boyd, Chair; P. Bazán, S. Belén-Ramos, J. Boyd, L. Corces, M. Cotto, K. Douglas, P.K. Durso, N. Ghosh, J. Gifford, A. Horton, O. Kidder, K. Lyons, O. Makridis, E. Mylonas, E. Oliveros, G. Pastorino, A. Patrick, F. Pinto, E. Reid, B. Rifkin, A. Rudder, K. Sammond, J. Scorza, C. Sobreiro, T. Swanzey, A. Velasquez, J. Wagner

School of Interdisciplinary Studies

The School of Interdisciplinary Studies houses the interdisciplinary majors and minors that are offered in collaboration among the other schools of Maxwell Becton College of Arts and Sciences.

School of Social Sciences and History

Department of Communication

G. Radford, Chair; K. Alaimo, Deputy Chair; K. Dunsmore, Director, MA in Communication; F. Bridges, C. Caldiero, C. Foster, K. Haspel, T. LoPonte, J. Sipila

Department of Criminology and Criminal Justice

A. Shlosberg, Chair; E. Panuccio, Deputy Chair and Director, MA in Criminal Justice; D. Evans, J. Jones, J. Nowotny, M. Saad, M. Sacks

Department of Social Sciences and History

G. Darden, Chair; C. Rasmussen, Deputy Chair; P. Burkholder, D. Cassino, F. Degiuli, M. Ferrans, F. Gladstone, R. Houle, L. Huertas, K. Kattelman, R. Nasser, B. Peabody, S. Raphalides, W. Roberts, J. Schiemann, L. Ultan

School of the Arts

T. Rosen, Director; H. Libov, Chair and Director, MFA in Film; R. Barkley, Director, Animation and Video Game Animation Programs and MFA in Animation; D. Daniel, Director, MA in Creative Writing

and Literature for Educators; S. Lents, Director of Theater Program; J. O'Neil, Director of Graphic Design; M. Zallman Proctor, Director, MFA in Creative Writing; Y. Aronson; J. Cinco; G. Cochrane; A. Cohen; D. Grand; N. Hennelly; E. Hoffman; V. Howell; D. Landau; D. Larson, C. Loewus; J. Moonelis; M. Roberts; R. Steinke

School of the Sciences, Mathematics and Computer Science

Department of Biological Sciences

M. McClary, Chair; E. Myers, Deputy Chair; J. Agugliaro, M. Akinyemi, A. Benzecry, M. DeStefano, M. El-Sherbeini, M. Ingala, R. LoPinto, P. Melloy, E. Morton, H. Parzer, N. Philips, J. Salierno, J. Stout, M. Valenti, A. Wallace, H. Winters

Department of Chemistry, Biochemistry and Physics

J. Dougherty, Chair; M. Elshaer, Deputy Chair; G. Anderle, R. Barrows, S. Bashkova, J. Bogart, G. Dorata, B. Knorr, I. Kumar, M. Leonida, G. Nandikotkur, A. Teslja, C. Traba, G. Zhu

Department of Mathematics and Computer Science

M. Slaby, Chair; W.A. Antoine, N. Carrillo, I. Darwish, Y. Kazhdan, L. Khreisat, Y. Kim, R. Mayans, J. Namazi, P. Penrice, R. Selig, K. Sharma, G. Singh. N. Sinha, S. Verma, N. Yang

Back to Top

Silberman College of Business

Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and Vancouver Campus, British Columbia, Canada

James G. Almeida, Dean

The Silberman College of Business is accredited by AACSB International, the premier business school accrediting body.

Silberman College is a tricampus college of the University, offering undergraduate and graduate programs at the Florham Campus, Madison, New Jersey; on the Metropolitan Campus, Teaneck, New Jersey; and undergraduate programs on the Vancouver Campus, British Columbia, Canada.

Silberman College seeks to instill in its students a superior level of knowledge and competence in business-related disciplines, inspiring them to exercise ethical leadership to strengthen and enrich sustainable organizations and communities. The College's faculty, staff, administration and alumni are committed to helping maximize students' preparation for professional success and mobility in a dynamic global business environment.

The College aims at achieving recognition as a leading provider of high-quality, innovative education in business and as a leader in the enhancement of the practice of business management through the applied research and professional activities of the faculty.

The College achieves its mission through:

• Undergraduate and graduate degrees offering a variety of relevant and in-demand specializations,

- Curricula focused on the educational growth of students and responsive to the needs of the business community,
- Teaching excellence in all its programs,
- Experiential and collaborative learning in small, interactive classes,
- Research capabilities that advance the theory and practice of business,
- Strong cocurricular programming focused on professional development and
- Close ties with alumni and the business community that facilitate securing internships and placement for students.

Distinguishing Features of Silberman College

Distinguishing features of Silberman College's graduate academic programs include:

- Program curricula designed to promote the development of leading-edge skills and competencies;
- Programs that emphasize personal experiences that promote the development of global skills, which contribute to transformational learning opportunities;
- Flexible delivery modes including onsite, flex-hybrid delivered remotely as well as asynchronous online;
- Courses scheduled either on weeknights or on weekends, enabling a work-life balance;
- State-of-the-art resources such as the Bloomberg Finance labs;
- Preparation for industry certifications and professional badges;
- Unique study-abroad opportunities;
- Dual-degree options;
- Personalized academic advising;
- Relevant internship opportunities;
- 4+1 option (students can earn both an undergraduate and graduate degree in five years); and
- Cocurricular activities such as a comprehensive Professional Development Program (PDP), student organizations focused on professional business disciplines and visits to business firms and institutions in the area.

The New Jersey Small Business Development Centers (NJSBDC) is also housed in Silberman College of Business. The NJSBDC at FDU offers its services to small- and medium-sized businesses located in Morris, Sussex and Warren counties, as well as portions of Bergen County. The NJSBDC at FDU, through its support of these businesses, seeks to increase its impact in the surrounding communities. Silberman students have the opportunity to assist the NJSBDC client companies with their business-planning needs.

Graduate Programs of Study

- Master of Business Administration (MBA)
- Accounting
- Data Analytics
- Finance
- International Business

- Leadership and Managing Innovation
- Marketing
- Pharmaceutical Management
- Supply Chain Management
- Master of Business Administration (MBA) for Executives
- Master of Science (MS) Accounting
- Master of Science (MS) Digital Marketing (online only)
- Master of Science (MS) Supply Chain Management
- Master of Science (MS) Taxation (online only)

In addition to the above programs, the College offers graduate certificates. Students with a bachelor's degree may receive a certificate upon completion required courses within a specialization.

Undergraduate Programs of Study

- Accounting (BS)
- Business Administration (BS) Optional concentrations: information systems, international business, professional selling and sales management
- Entrepreneurship (BS) (Florham Campus only)
- Finance (BS)

Optional concentration: financial planning and wealth management

- Management (BS) Concentrations: human resource management, leadership
- Marketing (BS) Optional concentration: digital marketing

Faculty & Staff

Administration

- J.G. Almeida, Dean
- JD Wischnevsky, Associate Dean
- M. Sakin, Executive Director, Placement, Outreach and Alumni Relations
- E. Sinoway. Director of Program Marketing and Recruitment
- S. Li Ferry, Associate Director of Graduate Programs, Recruitment and Student Support
- L. Sachs, Graduate Counselor

Department of Accounting, Taxation and Law

R. West, Chair; D. Collier, L. Mandel, S. McGregor, C. Nogara, H. Rozen, V. Sampath, J. Schiff

Department of Economics, Finance and International Business

K. Denning, Chair; P. Anastasopoulos, K. Betz, J. Bulsiewicz, P. Cozza, F. Englander, H. Li, M. Montasser, Z. Nie, S. Tuluca, L. Wang, X. Yang

Department of Management and Entrepreneurship

G.E. Jones, Chair; J.G. Almeida, S. Behson, D. Celentano, G. Farias, J. Harmon, E.J. Ko, I. Krysa, I. Mercer, O. Nwachukwu, JD Wischnevsky

Department of Marketing, Information Systems and Decision Sciences

L. Qin, Chair; O. Topaloglu, Deputy Chair; A. Bazargan, I. Cane, R. Chandrashekaran, Y. Demotta, O. Groth, J. Hsu, M. Kieff, Y. Kim, W. Kuang, J. Reid, X. Tan

New Jersey Small Business Development Center at FDU

M. Wells, Director

Back to Top

Lee Gildart and Oswald Haase School of Computer Sciences and Engineering

Metropolitan Campus, Teaneck, New Jersey; Florham Campus, Madison, New Jersey; and Vancouver Campus, British Columbia, Canada

Alfredo Tan, Director

The Lee Gildart and Oswald Haase School of Computer Sciences and Engineering (GHSCSE) offers 11 bachelor's and six master's degree programs in the various high-paying and high-demand fields of computer science, cybersecurity, engineering, engineering technology, information technology, management information systems and mathematics at the Metropolitan Campus, Teaneck, New Jersey; Florham Campus, Madison, New Jersey; and Vancouver Campus, British Columbia, Canada.

GHSCSE is based on the Metropolitan Campus, in Teaneck, New Jersey, which is near New York City. New Jersey and New York are home to many high-tech companies and businesses, which employ hundreds of thousands of computer professionals, engineers, technologists and mathematicians. GHSCSE offers 16 programs at the FDU Metropolitan Campus as listed below. It also offers the MS in computer science program at the Florham Campus in Madison, New Jersey, in collaboration with the School of the Sciences, Mathematics and Computer Science of Maxwell Becton College of Arts and Sciences; and the BS in information technology and the MS in applied computer science programs at the Vancouver Campus in Vancouver, British Columbia, Canada. Nine of the bachelor's degree programs offered at the Metropolitan Campus are accredited by various commissions of the <u>ABET</u>. ABET accreditations (see the <u>Undergraduate Studies Bulletin</u>), when applicable, apply only to the programs offered on the Metropolitan Campus by GHSCSE and not on any other campuses of Fairleigh Dickinson University (FDU), including the Florham Campus and the Vancouver Campus.

GHSCSE prepares students for professional careers of global interest and importance. It produces highly skilled graduates to work in the high-tech industry in various professions with diverse roles that rank among the top earners. These professions have ample career opportunities, a very good average starting salary, excellent median long-term salary, robust job growth and great career fulfillment. The demand for these professions will further increase when the \$1.2-trillion Infrastructure Investment and Jobs Act is fully implemented over the next several years.

The programs in the school enable students to learn and seek creative solutions to global issues and societal problems in technical coursework, emphasizing professional practice, ethics and responsibility. The computer and engineering laboratory experience is fully integrated with coursework. Students work in many cutting-edge laboratories. They also participate in field trips and competitions, work on interdisciplinary and real-world projects, intern at various companies and attend seminars on current trends in computer science, engineering and technology.

The state-of-the-art laboratories include the research and development lab for cutting-edge technologies and fields, computer networking and system administration lab, cyber defense and digital forensics lab, apps development lab, green energy lab, industrial automation and robotics lab, CNC manufacturing lab, 3D printing lab, advanced mechatronics lab, materials testing and mechanical training lab, electromechanical systems lab, HVAC and fluids lab, electronics and communications lab, computer interfacing lab, soils mechanics lab, the construction materials lab and several computer labs. GHSCSE is a member of the Cisco Networking Academy.

The school has received wide recognition from alumni, industry and professional associations. It has also received many grants from various organizations and state and federal agencies, including \$2 million from the state of New Jersey; \$1.8 million from the National Security Agency; \$800,000 from the Mechanical Contractors Association of New Jersey; \$400,000 from the National Science Foundation; and \$200,000 from the Hearst Foundations, among others. GHSCSE is named through a \$5-million gift by Dr. Gregory Olsen, an FDU alumnus, trustee and benefactor, in honor of his two former FDU professors, Dr. Lee Gildart and Dr. Oswald Haase. More recently, Dr. Olsen donated another \$5 million as seed money to establish the Olsen Campus Center at the Metropolitan Campus.

Graduate Programs of Study

- Applied Computer Science (MS) (Vancouver Campus)
- Computer Engineering (MS) (Metropolitan Campus)
- Computer Science (MS) (Florham Campus and Metropolitan Campus)
- Cybersecurity and Information Assurance (MS) (Metropolitan Campus)
- Electrical Engineering (MS) (Metropolitan Campus)
- Management Information Systems (MS) (Metropolitan Campus)

Undergraduate Programs of Study

- Civil Engineering (BSCE) (Metropolitan Campus)
- Civil Engineering Technology (BSCivET) (Metropolitan Campus)

- Computer Science (BS) (Metropolitan Campus)
 - Concentrations: big data and analytics, cybersecurity and information assurance, game and mobile application development
- Construction Engineering Technology (BSConET) (Metropolitan Campus)
- Electrical Engineering (BSEE) Metropolitan Campus)
- Electrical Engineering Technology (BSEET) (Metropolitan Campus)
- Information Technology (BS) (Metropolitan Campus)
 - Concentrations: network and system administration, security and forensics, webdevelopment technology
- Information Technology (BS) (Vancouver Campus)

 Minor: business
- Mathematics (BA) (Metropolitan Campus)
- Mathematics (BS) (Metropolitan Campus)

 Concentrations: applied mathematics, pharmaceutical biostatistics, pure mathematics
- Mechanical Engineering (BSME) (Metropolitan Campus)
- Mechanical Engineering Technology (BSMET) (Metropolitan Campus)

Faculty & Staff

Administration

A. Tan, Director

- K. Mondal, Deputy Director, Engineering and Technology Division
- M. Lewis, Associate Director, Engineering and Technology Division
- Y. Tang, Associate Director, Computer Science, Information Systems and Mathematics Division

Faculty

S. Abdelazim, V. Alizadeh, M. Bouguerra, A. Casti, N. Chaouch, Z. Chen, W. Choi, W. Dai, M. Farag, S. Huddy, V. Janarthanan, E. Kose, M. Lewis, Y. Liu, Z. Mao, K. Mondal, S. Mukherjee, S. Noor, A.R. Rao, A. Saravana Kumar, C. Stubbs, A. Tan, Y. Tang, A. Vatsa, H. Zhao

Back to Top

Peter Sammartino School of Education

Metropolitan Campus, Teaneck, New Jersey; and Florham Campus, Madison, New Jersey Kathryn Spence, Director The Peter Sammartino School of Education offers accredited graduate programs for teacher certification in early childhood, and elementary and secondary education. Offerings include Master of Arts in Teaching (MAT) first certification programs, Master of Arts for certified teachers with a wide variety of specializations including English as a Second Language (ESL and bilingual), teacher of students with disabilities (TSD), reading/literacy specialist (LRS), Orton-Gillingham Dyslexia specialist and educational leadership (MA) (including supervisor and principal certification).

The School of Education offers both an MA and an EdD in higher education for those who wish to pursue a leadership position at a higher-education institution.

The School of Education is located on the Metropolitan Campus in Teaneck, New Jersey; on the Florham Campus in Madison, New Jersey; and on selected community-college campuses throughout the state of New Jersey. Most graduate programs are also offered online. It is nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP) providing value and national recognition as a school of quality when FDU students pursue careers in teaching, administration and leadership.

Graduate Programs of Study

- Education for Certified Teachers o Bilingual/Bicultural Education Specialist Endorsement (New Jersey Certificate)
- Early Childhood Specialist P–3 Endorsement (Second New Jersey Certificate) o English as a Second Language Endorsement (New Jersey Certificate)
- Instructional Technology Specialist Certificate
- Literacy/Reading Specialist Endorsement (New Jersey Certificate)
- Literacy/Reading Specialist Endorsement with Multisensory Reading Track o Professional Studies in Education (PROST, FDU Certificate) o Teacher of Students with Disabilities Endorsement
- Educational Leadership (MA) (Principal/Supervisor Certification)
- Higher Education (EdD)
- Higher Education Administration (MA) (online only)
- Learning Disabilities (MA)
- Teaching (Postbaccalaureate Certificate of Eligibility with Advanced Standing [CEAS]) (New Jersey Certification)
- Early Childhood (P–3)
- Early Childhood (P-3) and Teacher of Students with Disabilities
- Elementary Education K-6
- Elementary Education (K-6) and Teacher of Students with Disabilities
- English as a Second Language
- Middle School Education Endorsement (Grades 5–8)
- Secondary Education K-12 (Biology, Chemistry, Physical Science, Earth Science, Math,
 English, Social Studies, Art, World Languages)
- Secondary Education (K-12) and Teacher of Students with Disabilities
- Teaching English as a Second/Foreign Language (TESL/TEFL) (MA) (for international students; does not lead to a New Jersey teaching certificate)

Faculty & Administration

Administration

• K. Spence, Director

Faculty

D. Baker, J. Bornstein, A. Cardace, S. Desai, F. Engram, J. Farrow, K. Joshi, C. Manly, B. Mooney, A. Robinson, K. Spence, S. Suh, R. Westbrook

Back to Top

International School of Hospitality, Sports, and Tourism Management

Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and Vancouver Campus, British Columbia, Canada

Jarrett Bachman, Interim Director

The International School of Hospitality, Sports, and Tourism Management offers a selection of programs in person, online and in "immersion studies" format that meet the varied needs of students' learning styles, career focus and academic-achievement ambitions.

The common thread of all these programs is that they offer a choice of lifestyle to students during and after their time in school that will define where they work, whom they work with and what they work for.

The school emphasizes the connection between practicality and innovation in industries that value talent tuned into the future needs of its clients and businesses.

The school prides itself on high-level connections to industry leaders who guide and support the vision of creating future-oriented global trailblazers in the hospitality, sports and tourism sectors.

Recognizing that professionals in the hospitality, sports and tourism sectors are working in timeconstrained leadership roles, fully online options are available to students in some programs as well as in the school's innovative "immersion studies" which conjugate work and study simultaneously within prestigious brands.

It is a core philosophy of the school to offer groundbreaking curricula designed and taught by thought leaders and working professionals in the hospitality, sports and tourism sectors. The school steps out of the ordinary to serve the extraordinary potential of its students.

Graduate Programs of Study

- Hospitality Management Studies (MHMS) (Metropolitan Campus and online)
- Hospitality Management Studies (MHMS) (Vancouver Campus)
- Sport Management (MSM) (online or on campus)

 Concentrations: coaching theory and strategy, high school athletic director (only available to New Jersey certified teachers), sports administration

Undergraduate Programs of Study

- Hospitality and Tourism Management (BA)
 - $\,\circ\,$ On-campus Track
- Immersion Studies Track offered in partner companies and resorts
- Individualized Studies (with Hospitality and Tourism Management Specialization) (BA) (Vancouver Campus)
- Sport Management (BA)

Faculty & Staff

Administration

- J. Niser, Director (All Campus Locations)
- J. Bachman, Associate Director, Vancouver Campus
- D. Hoover, Associate Director for Enrollment (New Jersey campuses)
- M. Barto, Program Director, Graduate Hospitality Management (New Jersey campuses)
- I. Gersh, Program Director, Undergraduate Hospitality Management (New Jersey campuses)
- J.C. Kim, Program Director, Sport Management (Metropolitan Campus)
- R. Lubisco, Program Director, Sport Management (Florham Campus)
- S. Schwenk, Administrative Assistant (New Jersey campuses)

Faculty

J. Bachman, M. Barto, I. Gersh, M. Hawzen, D. Hoover, J.C. Kim, M. Lever, R. Lubisco, A. Minick, K. Pappas, H. Roy, M. Shakona

Back to Top

Henry P. Becton School of Nursing and Allied Health

Florham Campus, Madison, New Jersey; and Metropolitan Campus, Teaneck, New Jersey

Annie Rohan, Dean

The Henry P. Becton School of Nursing and Allied Health includes the disciplines of nursing and allied health professions. Both disciplines offer undergraduate programs in the Metropolitan and Florham campuses, and the graduate programs and Doctor of Nursing Practice are online.

The Bachelor of Science in Nursing (BSN) program prepares professional nurses to provide comprehensive nursing care to persons and families in all environments where health care is required. Graduates of the program are eligible and prepared to take the NCLEX-RN for licensure as a registered nurse (NCLEX- RN passing rates are 90 to 95 percent in the last three years).

The school offers a Master of Science in Nursing degree (MSN) with clinical and nonclinical tracks. The MSN program clinical track prepares nurses with a BSN or Bachelor of Science degree nurses in another field as nurse practitioners in adult gerontology, family practitioner and psychiatric/mental health. The nonclinical tracks offered are health care administration and health care education administration.

Since 2007, the Henry P. Becton School of Nursing and Allied Health has offered a Doctor of Nursing Practice (DNP) degree, a 37-credit program which educates advanced practice nurses and nurse executives with advanced knowledge in organizational leadership, systems, evidence-based practice, financial acumen and education to lead innovations in nursing practice, educational institutions, healthcare and other nursing organizations.

The Executive Model DNP Program prepares nurse leaders to translate nursing science in practice, collaborate with intra- and interdisciplinary teams to develop solutions and attain positive health care outcomes for populations and communities.

The baccalaureate degree program in nursing/master's degree program in nursing/Doctor of Nursing Practice program and/or post-graduate APRN certificate program at Fairleigh Dickinson University are accredited by the Commission on Collegiate Nursing Education.

The allied health professions include undergraduate, graduate and doctoral programs. The Doctor of Physical Therapy Program is a joint offering with Rutgers University. In this program, students will receive a joint degree from Fairleigh Dickinson University and Rutgers University.

Graduate Programs of Study

- Health Care Administration (MSN)
- Health Care Education Administration (MSN)
- Nurse Practitioner (MSN)
- Clinical Specialties: Adult Gerontology Primary Care Nurse Practitioner, Family Nurse Practitioner, Psychiatric Mental Health Nurse Practitioner, Women's Health Nurse Practitioner
- Nursing Practice (DNP) (online only)
- Physical Therapy (DPT) Combined Degree

Postgraduate Certificate Programs

- Adult Gerontology Primary Care Nurse Practitioner (online only)
- Family Nurse Practitioner (online only)
- Psychiatric Mental Health Nurse Practitioner (online only)
- Women's Health Nurse Practitioner (online only)

Undergraduate Programs of Study

- Allied Health Technologies (BSAHT) Concentrations: health science (Metropolitan Campus only), radiologic technology (Florham Campus only)
- Clinical Laboratory Sciences (BS)
- Health Information Management (BS)
- Health Studies (BS)
- Medical Imaging Science (BS) Concentrations: cardiovascular sonography, diagnostic medical sonography
- Medical Technology (BS) (Metropolitan Campus only)
- Nursing (BSN)
- Radiography (AS) (Metropolitan Campus only)
- Radiologic Technology (BS) (Metropolitan Campus only)
- RN to BSN (with and without associate degree) (Metropolitan Campus only)

Faculty and Staff

Administration

- A. Rohan, Dean
- M. Molloy, Associate Dean for Academic Affairs
- S. Colon Cabassa, Director, Entry-level Nursing Programs
- B. Steinfeld, Director, Advanced-level Nursing Programs
- D. Minardi, Director, Allied Health Programs

Faculty

M. Barra-Schneider, D. Carrazzone, J. Couper, L. Gabriele, S. Hart, L. Kelly, A. Klubek, F. Millman, D. Naturale, O. Oyedele, M. Phillips, M. Sperling, B. Steinfeld, M. Vargas, C. Werther, M. West-Lawrence, B. Yu

Back to Top

School of Pharmacy and Health Sciences

Florham Campus, Madison, New Jersey (230 Park Avenue, Florham Park, New Jersey)

Anastasia Rivkin, Dean

The School of Pharmacy and Health Sciences offers an innovative Doctor of Pharmacy program along with newly created programs — public health, social work, physician assistant studies and occupational therapy.

The school's **PharmD** program has produced a diverse group of graduates who are leading the way into the future of pharmacy. This dynamic program of study integrates the very best practices in pharmacy education today. Students will:

- Have the option to specialize in a concentrated area of study and earn a master's-level degree concurrently with the PharmD degree.
- Participate in new partnerships with pharmacy leaders in industry, retail, government and hospitals who will provide mentoring, guidance and resources.
- Benefit from the strengths of a small college environment, yet learn from top-tier faculty in new facilities specifically designed for the School of Pharmacy and Health Sciences.

The fully online, accelerated **Master of Public Health** program offers students the opportunity to participate in an interactive, online classroom, where they begin their program with a selection of core courses followed by a curriculum specific to several professional tracks. The program features flexible schedule options, and throughout each semester, students gain hands-on experience working with public health tools through group interactions involving case studies and integrated care groups that focus on interprofessional education.

The **Master of Social Work** is a fully online program that provides a competency-based education, preparing students to work as an advanced social-work practitioner capable of leading developmental efforts in both public and private social service arenas. It includes extensive field practicum experience.

The Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) has granted **Accreditation-Provisional** status to the **Fairleigh Dickinson University Physician Assistant Program** sponsored by Fairleigh Dickinson University.

Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA *Standards* or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the *Standards* as it prepares for the graduation of the first class (cohort) of students. Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class. The program's accreditation history can be viewed on the ARC-PA website.

The PA program developed a two-and-a-half-year curriculum leading to a **Master of Science (MS) in PA** studies. The curriculum encompasses a 12-month Didactic Phase that includes classroom and laboratory instruction in the medical sciences, clinical medicine, clinical and procedural skills, professional topics and medical research.

The **Master of Health Science** (MHS) is a 31-credit blended degree program (combining online and inperson course work) designed with specialized tracks allowing students unique opportunities for career development and advancement.

All students obtaining the MHS complete a health science core consisting of course work around the legal, ethical, managerial and public-health issues facing all aspects of health care. Following the completion of the core curriculum, students will have the option to pursue one track.

The specially designed tracks provide focused expertise in the areas of clinical research administration or regulatory science. Students in these specialized tracks will complete advanced and specialized course work in preparation for future careers in the pharmaceutical industry, regulatory affairs, health outcomes and health-care delivery. Courses in these tracks will be offered in person, with options for online and health science hybrid course models being introduced as appropriate.

The entry-level occupational therapy doctoral degree program has applied for accreditation by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929, with telephone number (301) 652-2682. Its web address is https://www.acoteonline.org.

The program must be granted Candidacy Status, have a preaccreditation review, complete an onsite evaluation and be granted Accreditation Status before its graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Graduate Programs of Study

- Health Science (MHS)
 - o Tracks: Clinical Research Administration, Regulatory Affairs
- Occupational Therapy (OTD)
- Pharmacy (PharmD)
 - o Physician Assistant (MS)
 - o Public Health (MPH) (online only)
 - o Social Work (MSW) (online only)

Faculty & Staff

Administration

- A. Rivkin, Dean
- C. Sandifer, Executive Associate Dean
- L. Rozaklis, Associate Dean for Assessment, Accreditation and Strategic Planning
- J. Bucchio, Assistant Dean of Academic Affairs Health Sciences
- P. Lemmerman, Assistant Dean for Student Affairs
- J. Shtaynberg, Assistant Dean for Experiential Education
- L. Westrich, Assistant Dean of Academic Affairs Pharmacy
- T. Templin, Executive Director for Admissions and Enrollment Operations
- Y. Guo, Chair of Department of Pharmaceutical Science
- J. Kalabalik-Hoganson, Chair of Department of Pharmacy Practice
- A. Brace, Director of Master of Public Health Program
- Z. Clay, Director of Master of Social Work Program
- E. Mandel, Director of Physician Assistant Program
- S. Patel, Director of Graduate and Postgraduate Programs
- V. Pingale, Director of Occupational Therapy Doctorate Program

Faculty

J. Albanese, A. Allesandra, L. Arredondo, B. Berić-Stojšić, C. Bottiglierie, A. Brace, J. Bucchio, N. Campbell, A. Carbone, Z. Clay, A. Cole, A. Dushenkov, J. Farley, K. Frey, A. Gamal Eldin, Y. Guo, J. Han, O. Iwuchukwu, T. Jenner-Donaldson, P. Jungsuwadee, E. Kaiser, J. Kalabalik-Hoganson, A. Kalra, D. Kim, E. Kwon, E. Mandel, K. Melgar, C. Merckx, C. Mueller, J. Nehls, A. Nogid, E. Ocheretyaner, A.E. Özdener-Poyraz, S. Patel, V. Pingale, D. Rehman, M. Reslier, A. Rivkin, M. Slugocki, C. Stanford, J. Sullivan, T. Timberman, A. Volpe, L. Westrich, M. Zaki, A. Zelinski, N. Zmuda

Back to Top

School of Psychology and Counseling

Metropolitan Campus, Teaneck, New Jersey; and Florham Campus, Madison, New Jersey **Benjamin D.** Freer, Director

The School of Psychology and Counseling offers undergraduate and graduate programs at the Florham Campus, Madison, New Jersey, and at the Metropolitan Campus, Teaneck, New Jersey. The graduate programs develop professional psychologists and counselors who will be prepared for a successful career in diverse settings such as mental health, hospital/medical, research, governmental and business. The undergraduate program emphasizes a broad understanding of the key fields within psychology while offering opportunities for career-oriented programs. The school stresses experiential and field-based learning through internships, student-directed research, faculty-directed research and community service that supplement academic instruction. The school is committed to helping students to advance their careers or continue studies of advanced degrees.

Graduate Programs of Study

- Clinical Mental Health Counseling (MA) Accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Clinical Psychology (PhD) Accredited by the American Psychological Association (APA)
- Clinical Psychology with Optional Add-on Forensic Track
- Clinical Psychopharmacology (postdoctoral MS)
- Forensic Psychology (MA)
- General/Theoretical Psychology (MA)
- Industrial/Organizational Psychology (MA)
- Industrial/Organizational Psychology (MA) China
- Postbaccalaureate Respecialization Track in Psychology
- School Psychology (PsyD)

 Advanced PsyD
- School Psychology (MA)

Undergraduate Program of Study

• Psychology (BA) Optional Tracks: consumer psychology, forensic psychology, mental health

Faculty & Staff

Administration

- B.D. Freer, Director
- A.F. Tasso, Deputy Director

Faculty

S. Armeli, G. Bartoszek, L. Bracamonte, Y. Chang, D. DeNigris, A. Eisen, R. Griffo, N. Hamsho, E. Harrington, B. Johnson, J. Lachenmeyer, E. McGlinchey, R. McGrath, T. Nolan, E. Oak, S. Petardi, D. Pogge, L. Raffaele Mendez, J. Romei, R. Santer, M. Slavin, A. Tasso, G. Tortoriello, K. Viezel, A. Wagener, G. Winters, M. Yun, J. Zibulsky

Back to Top

School of Public and Global Affairs

Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; Vancouver Campus, British Columbia, Canada; and Wroxton College, Oxfordshire, England

Peter J. Woolley, Founding Director

The School of Public and Global Affairs is distinguished by project-based learning in multinational classes led by accomplished practitioners focusing on issues of both local and global importance. The school also includes the nationally recognized FDU Poll.

Its master's programs prepare students to make an immediate impact in the workplace and excel within their industry. All courses are taught by expert faculty who hold advanced degrees and readily share their professional knowledge and networks. Students may be eligible for advanced standing due to prior learning experiences, helping them earn their degrees even more quickly and affordably.

Graduate Programs of Study

- Administrative Science (MAS)
- Administrative Science (MAS) Online
- Administrative Science (MAS) Puerta Al Futuro
- Administrative Science (MAS) Vancouver Campus
- Cyber and Homeland Security Administration (MS)
 - o Concentrations: leadership, terrorism and security studies

- Cyber and Homeland Security Administration (MS) Online
- Global Affairs (MA)
- Public Administration (MPA)
 - Specializations: global affairs, global transportation management, health care management, public management, public policy
- Public Administration (MPA)/Master of Public Health (MPH) Dual Degree
- Public Administration (MPA)/Doctor of Pharmacy (PharmD) Dual Degree

The school also offers graduate certificates that are designed to meet the continuing educational and professional-development needs of practitioners and students. Certificates are offered on-campus, online and at offsite locations. They can be completed as an individual credential or incorporated into a related master's degree for those meeting the program admission requirements. Certificates are six courses (18 credits). Students in any of the master's programs are permitted to apply their courses toward one degree and also toward graduate certificate(s). Students are encouraged to incorporate a graduate certificate in their master's study plan.

Graduate Certificates

- Administrative Science
- Diplomacy and International Relations
- Emergency Management Administration
- Global Health and Human Services
- Global Leadership and Administration
- Global Security and Terrorism
- Global Transportation Management
- Health Care Management
- Homeland Security Administration
- Homeland Security Leadership
- Homeland Security Terrorism and Security Studies
- Human Resources Administration
- Law and Public Safety Administration
- Leadership Theory and Practice
- Nonprofit Organizational Development
- Public Management
- School Security and Safety Administration

Faculty & Staff

Administration

- P.J. Woolley, Founding Director
- A. Garg, Associate Director for Vancouver Campus
- L. Nienstedt, Associate Director

- D. Cassino, Executive Director, FDU Poll
- C. Costa, Director of Master of Healthcare Administration
- R. Higginson, Director of Market Research, FDU Poll
- R. Snelling, Assistant Director for Off-campus Programs
- A.C. Innes, Assistant to the Director and Liaison to the United Nations
- P.M. Laubsch, Academic Coordinator
- D. Sadowski, Senior Coordinator for Off-campus Programs

Faculty

A. Adeniyi, A. Behjat, J. Buenahora, C. Bygrave, G. Fazari, A. Garg, A. Javadi, P. Laubsch, C. Ozurumba, L. Rahal, R. Rosada, W. Schuber, T. Singdeo, W. Toms

Back to Top

Special Programs (Maxwell Becton College of Arts and Sciences)

Programs in English for Academic and Professional Success (PEAPS)

The Programs in English for Academic and Professional Success (PEAPS) unit, under the Maxwell Becton College of Arts and Sciences, embrace the University's mission of preparing global citizens. It is dedicated to imparting the necessary knowledge and skills for international students to achieve English proficiency for academic as well as professional success. Through additional programs offered, students will also develop cross-cultural competency, a skill essential for managing and navigating the complexity of our increasingly globalized world.

The Programs in English for Academic and Professional Success (PEAPS) offer pre-University (PUP), undergraduate (UG), pre-masters (PMP) and graduate (GR) courses at the Metropolitan Campus, Teaneck, New Jersey; and undergraduate and graduate courses at the Florham Campus, Madison, New Jersey.

Educational Objectives

The educational objectives of the PEAPS align with the University mission of preparing global citizens. The successful completion of courses offered by PEAPS will enable, particularly international students, to:

- Demonstrate English as another language (EAL) proficiency for academic as well as professional success in their field of studies.
- Understand American culture and the subculture of the world of work.

Student Outcomes

Students who successfully exit the English for Professional Success (EPS) courses offered by PEAPS will exhibit the following attributes and achievements, in which some are specifically identified as FDU's Student Learning Outcomes Assessment Goals. Some selected student outcomes include:

- Write documents that present and evaluate information and opinion in a logical and analytic manner, incorporating research and documentation and using style, grammar, mechanics and format appropriate to an educated audience.
- Carry out thorough and effective information search strategies using traditional print, digital and internet sources; evaluate information accessed; and use this information along with existing knowledge to create something new.
- Prepare and deliver effective oral presentations, incorporating suitable research and using presentation software, in a style appropriate to an educated audience.
- Read and comprehend meaning, identify text structure, analyze relationships between ideas and think critically in order to be an effective reader in academic and professional environments.
- Work collaboratively with cross-culturally diverse peers on a variety of tasks to accomplish a common goal.
- Participate in online discussions on a variety of topics using appropriate vocabulary and register.
- Understand the American culture and the world of work subculture.

EPS Placement and Test

While students may have achieved the TOEFL and/or other English-proficiency scores required for admission, further development in English proficiency may be necessary to support academic achievement and to ensure effective progress in the student's chosen academic program.

All new international undergraduate and graduate students, except for those who are exempted, are tested for English proficiency before or when they arrive for international student orientation. New international students may not assume that they are exempt from this English test even though they have had many years of English education in their home countries or abroad.

Depending on test results, new international undergraduate and graduate students on both the New Jersey campuses are placed into the English for Professional Success (EPS) course.

Undergraduate students who are placed into an EPS course must take the class and corequisite lab and will be charged tuition upon registration. Graduate students who are placed into an EPS course are required to take the class and corequisite lab and will be charged a nominal fee. PEAPS also offers elective EPS courses for undergraduate and graduate students.

EPS Courses

The Programs in English for Academic and Professional Success (PEAPS) unit offers courses in English for Specific Purposes (ESP) for international students and any interested domestic students. These courses are called English for Professional Success (EPS). In these courses, students are exposed to the different genres of academic and professional discourse. The EPS courses have a dual purpose: to ensure the academic as well as professional success of FDU's students.

All new international students placed into the EPS course will register in the following. Courses are only offered at the Metropolitan Campus unless indicated otherwise.

- <u>EPS1004</u> Practical English I (for intensive Pre-University Program [iPUP] students only)
- <u>EPS1005</u> Practical English II (for iPUP students only)
- <u>EPS1006</u> Practical English III (for iPUP students only)
- <u>EPS1007</u> Practical English IV (for iPUP students only)
- <u>EPS1008</u> Academic Writing Skills (for pre-University or undergraduate students only)
- <u>EPS1109</u> English for Occupational Purposes (for undergraduate students only at the Metropolitan and Florham campuses)
- EPS5004 Practical English I (for intensive Pre-Master's Program [iPMP] students only)
- EPS5005 Practical English II (for iPMP students only)
- <u>EPS5006</u> Practical English III (for iPMP students only)
- <u>EPS5007</u> Practical English IV (for iPMP students only)
- EPS5008 Academic Writing Skills (for pre-master's students only)
- <u>EPS5109</u> English for Occupational Purposes (for graduate students only at the Metropolitan and Florham campuses)

Domestic and International undergraduate students as well as International graduate students may also register in the following (only offered at the Metropolitan Campus):

- <u>EPS1201/EPS5201</u> EPS: Global Exchange New York City as a Classroom (language and culture/elective course)
- EPS1209 Advanced English for Occupational Purposes (for undergraduate students only)
- EPS1219 Advanced English for Academic Purposes (for undergraduate students only)
- <u>EPS2202</u> NYC: One City, May Cultures (language and culture/elective course)
- EPS5209 Advanced English for Occupational Purposes (for graduate students only)
- EPS5219 Advanced English for Academic Purposes (for graduate students only)

All the EPS courses, except for EPS1201/EPS2202/EPS5201, EPS1209/EPS5209 and EPS1219/ EPS5219, have a corequisite lab (i.e. EPS1014 Practical English Lab I, EPS1015 Practical English Lab II, EPS1016 Practical English Lab III, EPS1017 Practical English Lab IV, EPS1018 Academic Communication Skills, EPS1119 English for Academic Purposes, EPS5014 Practical English Lab I, EPS5015 Practical English Lab II, EPS5016 Practical English Lab III, EPS5017 Practical English Lab IV, EPS5018 Academic Communication Skills and EPS5119 English for Academic Purposes). To exit the program, a student must meet the learning objectives set by the curriculum. Students who fail to meet the minimum standards required to pass the course will have to repeat.

Upon exiting the program, undergraduate students will take <u>WRIT1002</u> Composition I: Rhetoric and Inquiry course at the Metropolitan or Florham campuses. Graduate students do not need to take any additional English or writing courses unless required by their own department.

Application of Credits for EPS Courses

International undergraduate students can fulfill a free elective (upon approval of individual academic departments) or partially fulfill the Language and Culture Liberal Arts requirement upon the successful completion of the EPS course:

- Silberman College of Business: 3 credits may be applied as free elective.
- Other Metropolitan Campus programs: 3 credits may be applied as language and culture or free elective.

The credits for the EPS courses are not figured into the grade point ratio for graduate students.

For Information

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Back to Top

Academic Regulations

Attendance

Students are required to attend class, arrive on time and participate in all courses for which they are enrolled. Class attendance and participation are essential to academic progress. At the beginning of each semester, instructors will announce the specific attendance requirements for each course according to the policies of their academic departments and colleges. The policy will clearly delineate the number of permissible absences and the sanctions to be applied for excessive absences or tardiness. Each instructor will include the attendance policy on each syllabus to prevent any misunderstanding of the requirements for the course.

Academic Integrity Policy

Students enrolled at Fairleigh Dickinson University are expected to maintain the highest standards of academic honesty. Students have the responsibility to make known the existence of academic dishonesty to their course instructor and then, if necessary, to their school director or department chair, as well as to the academic dean of their college. Course instructors have the added responsibility to state in advance, in their syllabi, any special policies and procedures concerning examinations and other academic exercises specific to their courses. Students should request this information if it is not provided by their course instructor. Academic dishonesty includes, but is not necessarily limited to, the following:

- 1. Cheating Giving or receiving unauthorized assistance in any academic exercise or examination. Using or attempting to use any unauthorized materials, information or study aids in an examination or academic exercise.
- 2. Plagiarism Representing the ideas or language of others as one's own. A more complete description is listed below in the section titled "Plagiarism Described."
- 3. Falsification Falsifying or inventing any information, data or citation in an academic exercise.
- 4. Multiple Submission Submitting substantial portions of any academic exercise more than once for credit without the prior authorization and approval of the current instructor.
- 5. Complicity Facilitating any of the above actions or performing work that another student then presents as his or her assignment(s).
- 6. Interference Interfering with the ability of a student to perform his or her assignment(s).

Plagiarism Described

As defined by the Council of Writing Program Administrators, plagiarism "occurs when a writer deliberately uses someone else's language, ideas or other original (not common-knowledge) material without acknowledging its source." ("Defining and Avoiding Plagiarism: The WPA Statement on Best Practices") Plagiarism can occur in the following ways: [From the Newark Academy Plagiarism Statement]

- Using text from another source (e.g. websites, books, journals, newspapers, etc.) without documenting the source;
- Using direct quotation from a text without quotation marks, even if the source has been cited correctly;
- Paraphrasing or summarizing the ideas or text of another work without documenting the source;
- Substituting a word or phrase for the original while maintaining the original sentence structure or intent of the passage;
- Using graphics, visual imagery, video or audio without permission of the author or acknowledgment of the source;
- Translating text from one language to another without citing the original work;
- Obtaining packaged information, foreign language translation or a completed paper from an online source and submitting it as one's own work without acknowledgment of the source; and
- Presenting the work of another student as one's own.

*Adapted from the Kirkwood Community College plagiarism policy distributed at "Critical Challenges in Distance Education: Cheating and Plagiarism Using the Internet" workshop — April 3, 2003. **

Fairleigh Dickinson University students are responsible for authenticating any assignment submitted to a course instructor should the instructor request it. Students must be able to produce proof that the assignment they submit is actually their own work. Therefore, students must engage in a verifiable work process on all assignments:

- Keeping copies of all drafts of work;
- Making photocopies of research materials (including downloads from websites);
- Writing summaries of research materials;
- Keeping Writing Center receipts;
- Keeping logs or journals of their work on assignments and papers; and

• Saving drafts or versions of assignments under individual file names on a computer, external drive or other source.

In addition to requiring students to authenticate their work, Fairleigh Dickinson University course instructors may employ various other means of ascertaining authenticity — such as using search engines to detect plagiarism, using external plagiarism-detection services, creating quizzes based on student work and requiring students to explain their work and/or process orally. The inability to authenticate work is sufficient grounds for a charge of plagiarism. If subsequent evidence of plagiarism should be found after a grade has already been assigned, course instructors have the right to lower the grade and/or apply one of the sanctions listed below.

Sanctions

Any student violating the University's Academic Integrity Policy will, for their first offense, receive one or a combination of the following penalties imposed by the course instructor:

- 1. No Credit (0) or Failure for the academic exercise.
- 2. Reduced grade for the course.
- 3. Failure in the course.
- 4. Recommendation for Academic Probation to the dean of the college in which the student is registered.

The course instructor shall file a notice using the University's Academic Integrity Policy Violation Report, a copy of which will be placed in the student's file maintained in the campus Office of Enrollment Services and in the Office of the Dean of Students. In cases of interference and complicity, whether or not the student is registered in the affected course, the incident and penalties shall be recorded in the student's file maintained in the campus Office of Enrollment Services and in the Office of the Dean of Students. For a subsequent violation of academic integrity, a student will be subject to any combination of the above sanctions, and, after due review by the academic dean according to the procedure noted below, one of the following:

- 1. Suspension from the University for one year. Readmission will be contingent upon the approval of the academic dean.
- 2. Dismissal from the University. (Note: Dismissal from the University will be identified on the student's academic transcript as a result of the violation of the Academic Integrity Policy.)

Procedure

When a course instructor believes that a student has violated the Academic Integrity Policy, the course instructor shall discuss the incident with the student as soon as possible. If, after the conference, the course instructor determines that an act of academic dishonesty has occurred, the course instructor may impose the appropriate sanctions. Within five days of the course instructor's action, the course instructor shall complete the Academic Integrity Policy Violation Report, copying his or her school director or department chair and the college dean. Within five days of completion of the course instructor's report, the academic school or department shall notify the student via certified mail/return receipt of the sanctions and the appeals' process. Copies of the notice shall be sent to the director of the school or chair of the student's major, to the dean of the college in which the course is offered and to the campus Office of Enrollment Services and Office of the Dean of Students. The student may appeal the course instructor's decision as outlined below. Upon completion of the appeals process, the school director or department chair shall notify the student of the final disposition of the matter and the sanctions

to be imposed, if any, via certified mail with copies to the course instructor, college dean, campus director of enrollment services and dean of students.

Appeals Process

A student who is charged with violating the Academic Integrity Policy by a course instructor may appeal in writing to the director of the school or chair of the department in which the alleged incident took place. The letter must state the specific grounds for the appeal. The student must submit a written appeal to the school director or department chair within 14 days of receipt of the notification of the imposed sanctions. Failure to make an appeal within this 14-day period shall constitute a waiver of the student's right to appeal. Within 10 working days of receipt of the student's appeal, the school director or department chair will review the circumstances of the alleged violation with the student and the course instructor and recommend upholding, modifying or dismissing the sanctions imposed by the instructor. The school director or department chair, within five working days, shall notify the student in writing via certified mail of the outcome, with copies to the course instructor, school director or department chair of the student's major, academic dean of the college in which the course is offered, campus director of enrollment services and dean of students. If it is determined that a violation of academic integrity did not occur, the student's final grade in the course cannot be based on the assumption of such violation. If the differences between the course instructor and the student are not resolved by this review, the student may appeal the outcome to the dean of the college in which the course is offered. Within 10 working days of the school director or department chair's notification, the student may submit a written appeal to the dean of the college in which the alleged dishonesty took place. The letter must state the specific grounds for the appeal. Upon receipt of the student's appeal, the dean shall provide the course instructor and his or her school director or department chair with a copy of the student's appeal. Within 10 working days, the dean shall convene a five-person appeals committee consisting of a faculty member at large from the college in which the course is offered, the dean or his or her designee, the dean or his or her designee, the campus dean or his or her designee, a faculty member from the department or school of the student's major and a student selected by the campus dean of students from the college in which the alleged dishonesty took place. The hearing will be chaired by the college dean or his or her designee. The role of the appeals committee is to review the record of the matter and determine whether a finding of academic dishonesty is founded and whether the sanction imposed by the course instructor is consistent with the terms of this policy. The committee shall base its decision upon a review of the record but may meet with the student and the course instructor to secure additional information to help it in making a determination about the merits of the appeal. The committee can uphold, modify or dismiss the sanction imposed by the course instructor. The college dean shall notify the student (and campus director of enrollment services and dean of students) of the committee's decision within five working days of the hearing. For a second offense of academic dishonesty, the academic dean can "suspend or dismiss" the student as indicated above. For a sanction of suspension or dismissal imposed by the academic dean, the student may file a written appeal to the University provost/senior vice president for academic affairs within 10 working days of receiving the notification of the dean's decision. The University provost or his or her designee, shall review the case within 10 working days of the receipt of the appeal. The University provost shall make the final decision, using any appropriate resources to assist in deciding the appeal. The University provost shall then notify all parties in writing of his or her final decision within five working days of the decision. Revised January 28, 2015

Credit Hour Definition

The University's calculation of credit hours for all credit-bearing courses and degree programs follow rules established by the New Jersey Secretary of Higher Education, which are consistent with the U.S. Department of Education's definition of a credit hour. Section 9A:1-1.2 of the New Jersey Administrative Code provides that "Semester credit hour" means 50 minutes of face-to-face class activity each week for

15 weeks (or the equivalent attained by scheduling more minutes of face-to-face class activity per week for fewer weeks in the semester) in one semester complemented by at least 100 minutes each week of laboratory or outside assignments (or the equivalent thereof for semesters of different length).

Academic Load

A student registered for 9 credits per semester is considered a full-time graduate student. Half-time status is applied to students who register for a minimum of 4.5 credits. A student may register for a maximum of 15 credits (18 credits in some cases) with written approval of the college dean and the department chairperson, school director or institute director of his/her major. In the Silberman College of Business a student may register for 12 credits (considered an overload) and needs the dean's approval. No credit will be allowed for courses taken at another accredited institution of higher learning while enrolled in a degree program at Fairleigh Dickinson University unless approved in advance and in writing by the college dean, school or institute director and the student's major department chairperson or school/institute director.

Degree Requirements

- 1. Students must complete all required credits for the program at Fairleigh Dickinson University other than those for which transfer credits have been awarded.
- 2. A cumulative grade point ratio (CGPR) of at least 2.75* is required for graduation from all colleges except the Silberman College of Business and communication program (Maxwell Becton College of Arts and Sciences) and the Peter Sammartino School of Education, Master of Public Administration (School of Public and Global Affairs), the Henry P. Becton School of Nursing and Allied Health's Doctor of Nursing Practice (DNP) and Master of Science in Nursing (MSN) programs, which require 3.00; a grade point ratio of at least 3.25 is required for the MA and MAT in Teachers of Students with Disabilities, PhD program in clinical psychology and PsyD program in school psychology. Students who receive two or more C grades will be warned, and if evidence of definite improvement in their academic performance does not ensue, they will be asked to withdraw from graduate study.
- 3. All graduate programs have an exit requirement for graduation. Students should ascertain the specific requirements from their departments. *Check degree requirements for individual majors.
- 4. Students must check with their department to ascertain whether a thesis is required for the degree. When the master's thesis is completed — whether required or optional — a candidate must file three copies of the approved thesis with the Office of Enrollment Services, no later than the last day of final examinations for any given semester. If the student's adviser does not require a copy of the approved master's thesis, a candidate need only file two copies of the approved thesis with the Office of Enrollment Services. Students must register for two semesters of Research and Thesis consecutively. Students must use the approved form for typing the master's thesis. Information may be obtained from the student's adviser.
- 5. Students should check with their major department to ascertain whether a comprehensive examination is required for their degree. If a comprehensive examination is required, students should inquire from their department as to the date for filing for the examination and the date on which it will be given.
- 6. A graduate program of study must be completed within a period of five years from the time the student first registers for graduate study. Exceptions to the five-year limitation or to the Silberman College of Business' and School of Pharmacy and Health Sciences' seven-year limitation must be requested in writing to the dean or the institute director and the student's major department chairperson or school director or institute director.

7. A candidate who is deficient in the basic undergraduate prerequisites will be required to meet the deficiency or deficiencies according to department or school guidelines.

Maintenance of Matriculation Status

In order to maintain matriculation status, students must register consecutively for the fall and spring semesters. If consecutive registration is not maintained, students must reapply to the Admissions Office. It is recommended that graduate students who find it necessary to absent themselves from a major semester at the institution register for matriculation maintenance, thereby retaining active status. This process also provides the opportunity for the students to avail themselves of the use of various University facilities, i.e., recreational facilities and the libraries. See the "Tuition and Fees" section (page 22) for matriculation maintenance fee.

Academic Leave of Absence

A leave of absence allows students to interrupt their graduate studies if necessary. A leave of absence is granted for one semester with the privilege of renewal for one more consecutive semester. Request for a leave of absence must be approved in writing by the student's department chairperson or school director and the college dean. (Information on procedures for requesting a leave of absence is available from the Dean of Students Office on each campus.) Students wishing to renew their leave of absence also must do so in writing. Students who have been granted a leave of absence will be maintained as students in good standing during the semester in which a leave of absence is taken, but will be discontinued for graduate study unless students register the semester following a leave of absence, or request and are granted an extension of the leave of absence.

Withdrawal

Students must notify the Office of Enrollment Services in writing of their intention to withdraw from graduate study. Students who wish to return at a later date must reapply through the Admissions Office.

Candidacy for a Graduate Degree

The application for graduation is located in WebAdvisor under Student Profile. Students should click on the link: Apply for Graduation. This must be done no later than eight months preceding graduation. Filing dates must be obtained from the Office of Enrollment Services. Degrees are awarded September 1, February 1 and the day of commencement in May.

Grades

A system of grade points is used to determine students' general averages. Weighted letters for each credit hour are assigned grade points. (See below.) The value of weighted letter grades is as follows:

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A = 4.00

A - = 3.67

B + = 3.33

B = 3.00

B - = 2.67

C + = 2.33

C = 2.00

F = 0.00
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The definition of other letter grades is as follows:

P Pass NC No Credit W Withdrawal I Incomplete Regulations Governing Letter Grades

P-Pass

To be counted toward degree requirements but not averaged into students' cumulative grade point ratio (CGPR). P–Pass is not permitted in the Silberman College of Business.

NC-No Credit

Not to be credited toward the degree requirements nor averaged into the CGPR. NC–No Credit is not permitted in the Silberman College of Business.

W-Withdrawal

Not to be credited toward the graduate requirements nor averaged into the CGPR. Graduate students may withdraw from a course through the ninth week of a semester (through the fourth week of a summer session). After the ninth week (fourth week in summer sessions), withdrawal may be permitted for serious, documented, medical reasons or other unusual extenuating circumstances. Students requesting late withdrawal should present evidence of unusual circumstances and/or medical documentation to the Office of Enrollment Services. If students wish to withdraw from a course, they must notify the Office of Enrollment Services on the form provided. Mere nonattendance or nonpayment of tuition does not constitute an official withdrawal.

I – Incomplete

This designation is not a substitute for a letter grade. It merely describes a student's temporary status in a course. It is to be given only in exceptional or emergency circumstances at the discretion of, and after consultation with, the instructor. Students have a responsibility to notify the instructor of circumstances preventing them from completing the requirements on time. Students will have up to the third week of the next full semester (excluding summer sessions) to complete the requirements. If the requirements have not been met within the prescribed period, the I will automatically become an F. The F is a letter grade and will count in the student's CGPR. Special regulations may apply for Research and Thesis and Advanced Special Projects. Requests for extensions must be made to the instructor, approved by the chair or director and forwarded to the college dean and the Office of Enrollment Services.

Grade Appeal Procedure

While it is recognized that faculty hold the right and responsibility to grant a grade, a student who receives a grade that he or she believes to be unwarranted may appeal that grade by engaging in the following process:

- 1. Within the first three weeks of the start of the following full semester (fall or spring) in which the grade is received, the student shall have informally appealed the grade to the instructor. If no resolution of the matter results to the student's satisfaction, the student may initiate the following formal appeal process. [In the case of a student who is being kept from either graduating or registering because of the grade in question, the process should begin immediately upon receipt of the grade report. If either the instructor or department chair/school director is unavailable, the student may proceed directly to the dean. writing within two weeks of receipt of the student's appeal.]
- 2. The student shall request in writing a meeting with the respective department chairperson or school director concerning the grade in question.
- 3. The chair or director shall report to the student on the resolution of the appeal within two weeks of that meeting.

- 4. If the issue is not resolved to the student's satisfaction, the student has one week to appeal in writing to the dean of the college in which the course is taught.
- 5. The dean shall review the entire matter with the student, the faculty member and/or the chairperson/school director involved.
- 6. If the dean feels there is no basis for a grade change, that determination is final and should be conveyed to the student in
- 7. If the dean believes that an erroneous grade exists, the dean shall attempt to resolve the issue with the instructor. If, however, resolution is not achieved, the dean shall refer the case to the College Ad Hoc Grade Appeal Committee.
- 8. The committee is expected to convene within two weeks after receipt of the dean's referral.
- 9. Each College Ad Hoc Grade Appeal Committee shall consist of three faculty and one alternate selected by the college dean, and a professional staff person selected by the dean of students. Whenever possible, two of the faculty shall belong to the department or discipline of the instructor whose grading is in question.
- 10. The committee shall have the authority to recommend an appropriate course of action to the dean who shall have the authority to implement the recommendation. The recommendation shall be conveyed to all parties involved, in writing.

Repeated Courses

If a student repeats a course, both the first and the second grade will remain on the transcript and will be computed into the cumulative grade point ratio.

Transcripts of Records

Transcripts of records are made available via an online ordering service at www.getmytranscript.org. The cost of a transcript is \$5.00. Transcripts may be withheld if a student owes money to the University or has past-due federal loans at the time of the request.

Major Religious Holy Days

The University respects the observance of major religious holy days by members of the campus community. Officers of administration and of instruction responsible for the scheduling of required academic activities or essential services are expected to avoid conflict with such holy days as much as possible.

Probation and Academic Disqualification, Graduate Policy

Students must maintain a minimum grade point ratio (GPR) of 3.00 to complete a graduate program. If the cumulative GPR falls below 3.00, the student is placed on probation. Students who receive two or more C grades will be put on probation. An adviser will meet with the student to set up a course of remediation, the stu- dent's records will be reviewed each semester, and the student may be limited to the number of credits taken while on probation. A student who has not shown evidence of academic improvement and has not met academic qualifications to graduate will be counseled out of the pro- gram. (The exceptions to this policy are the Henry P. Becton School of Nursing and Allied Health, the School of Pharmacy and Health Sciences, the School of Psychology, Peter Sammartino School of Education Clinical Placement, Maxwell Becton College of Arts and Sciences MA and MFA in animation all listed below).

School of Pharmacy and Health Sciences

Good academic standing is defined as achieving cumulative grade point ratio (GPR) of 2.75 or above at the end of any semester and/or remediation period. The Student Affairs and Academic Progression Committee reviews the progression of all students in the pharmacy program.

- 1. A student will be placed on academic probation when one or more of the following occurs:
- The student has failed course(s) or remediation for a course.
- The student's cumulative GPR falls below 2.75.
- 2. During the time a student is on academic probation, the student must meet with the assistant dean for student affairs and/or other deans or their designee(s) to discuss their course of action for returning to good academic standing.
- 3. Any student who is placed on academic probation or required to meet with the Student Affairs and Academic Progression Committee, must meet with the School of Pharmacy and Health Sciences financial aid counselor to discuss any possible financial-aid consequences.
- 4. A student may be removed from academic probation when the specific cause for being placed on academic probation has been removed, that is:
- The student passes the course that was previously failed; or
- The student's GPR is at or above 2.75; or
- For either cause, the student complies with any additional requirements from the assistant dean for student affairs and/or other deans or their designee(s).
- 5. A student may be suspended or terminated from the Doctor of Pharmacy Program if the student is not in good academic standing at the end of any semester. Action of suspension or termination will be determined following evaluation of in-class performance and a determination by the Student Affairs and Academic Progression Committee. If a student is not seen to be progressing through the program toward successful completion, he/she may be suspended or terminated from the program following a formal hearing with this committee.

Peter Sammartino School of Education Clinical Placement Clinical Probation and Removal

If a candidate is asked not to continue placement in a school by the school/district due to incapacity to fulfill teaching or internship responsibilities; ineffectiveness or conduct unbecoming of a teacher or intern; or other just causes, it is the policy of the Peter Sammartino School of Education (SOE) that:

- The SOE program director/coordinator, the adviser of the candidate and all appropriate parties will be notified via email concerning this matter.
- The SOE program director/coordinator, director of field placement, adviser of the candidate and all other appropriate parties will meet with the candidate.
- The matter will then be considered by a committee consisting of the director/coordinator of the program, the adviser of the candidate, the director of field placement and at least one member of the administration of the SOE.

- Based on the review of all relevant information, a recommendation will be made to the director of the SOE as to whether or not the candidate should be allowed to continue the clinical experience and if a new placement will be made. The Office of Field Placement will determine when and where the placement will be made. If a candidate is asked not to continue in a second placement by the school/district due to incapacity to fulfill teaching responsibilities; ineffectiveness or conduct unbecoming of a teacher; or other just causes, it is the policy of the SOE that:
- The candidate will NOT be allowed to continue in the clinical experience or take other clinical experiences.
- The SOE program director/coordinator and the adviser of the candidate will be notified by email.
- The SOE program director/coordinator, director of field placement, adviser of the candidate and all other appropriate parties will meet with the candidate. The candidate may request to have a representative present.
- The matter will be considered by a committee consisting of the director/coordinator of the program, the adviser of the candidate, the director of field placement and at least one member of the administration of the SOE.
- Based on the review of all relevant information, a recommendation will be made to the director of the SOE as to whether or not the candidate should be allowed to continue in the program.

Gildart Haase School of Computer Sciences and Engineering

Students must maintain a minimum grade point ratio (GPR) of 2.75 to complete a Master of Science degree. Any semester a student's semester or cumulative grade point ratio (CGPR) falls below 2.75, he/she is placed on probation. A student who has not met academic qualifications will be dismissed from the program.

Henry P. Becton School of Nursing and Allied Health

Students must achieve a grade of B or higher in each nursing course. A cumulative GPR of 3.00 is required for continuation in the program and graduation from the University. Students who fail a second course may not repeat it. After failing a second course the student is dismissed. Clinical Probation and Removal A student may be placed on clinical probation at the end of a clinical rotation if the student demonstrates either of the following:

- He/she cannot carry out expected clinical activities without direct supervision.
- Fails to demonstrate professional growth and development, or appropriate initiative, decisionmaking, or leadership. After meeting with the course- responsible faculty or course instructor to discuss the student's performance and the probationary process, the student will sign a contract agreeing to a plan to remove the probation. If the student meets his/her outcomes, probation will be lifted.

Clinical Dismissal

Grounds for clinical dismissal are:

- 1. Failure to meet clinical educational outcomes.
- 2. Behavior that requires direct instructor intervention to prevent omissions or incomplete or unsafe care that would result in actual or potential physical or emotional harm to the client.
- 3. Behavior that actually or potentially harms the client physically or emotionally. Any of these behaviors result in an NC (No Credit) grade for clinical and an F in the professional course. The

student is not allowed to continue in the clinical experience for that course. If this is the student's first failure in a professional course, she/he may repeat the course the next time it is offered in their cohort. Programs in School of Psychology (MA, PsyD, PhD) MA in General/Theoretical Psychology Students receiving two or more grades below B- in any graduate course will be placed on academic probation with the possibility of a reduced course load for the next regular semester. Students receiving a concurrent or subsequent third grade below B- will not be permitted to continue in the program. A grade point ratio of at least 2.75 must be maintained at all times to continue in the program.

PhD in Clinical Psychology

The following are the conditions under which students may be terminated from the program:

- 1. If a student receives two or more grades of C+ or lower or one grade of F, or maintaining a grade point ratio of less than 3.20 for two consecutive years.
- 2. If a student fails the Ethics Qualifying Exam a second time.
- 3. If a student fails the Comprehensive Examination a third time.
- 4. If a student has not finished the degree within the specified time limit.
- 5. If a student has engaged in unethical or criminal behavior (plagiarism, cheating, violation of APA ethical guidelines or University or governmental law, including harassment). The criminal background check (described below) will be one source of information in this regard. Termination will be decided by the doctoral faculty as a whole.
- 6. If a student has psychological problems or deficiencies in professional competencies that affect the student's functioning in the program or ability to function effectively in a clinical or research capacity. Students should be aware that they are evaluated throughout their training with regard to their interpersonal, professional and ethical behavior, as well as their clinical and research competencies. Students' progress in the program is evaluated regularly, and any student who is exhibiting competency deficiencies or psychological problems that interfere with progress in the program will be advised on appropriate procedures for responding to faculty concerns, including, but not limited to, leave of absence, personal therapy or repeating a clinical or research practicum experience. In the event of extreme concerns deemed unlikely to respond to remediation or sustained concerns with inadequate response to remediation will result in termination from the program.
- 7. If a student has been asked to leave an externship or internship, that is grounds for termination from the program.

MA and PsyD in School Psychology

The following are the conditions under which students may be terminated from the School Psychology programs:

- 1. Receiving two or more grades of C+ or lower or one grade of F, or maintaining a cumulative grade point ratio (GPR) of less than 3.20 for two consecutive years.
- 2. Failing any part of the Comprehensive Examination on the third attempt.
- 3. Unethical or criminal behavior (e.g., plagiarism; cheating; violation of American Psychological Association (APA) or National Association of School Psychologists (NASP) ethical guidelines, University policy or governmental law; harassment; or endangering the welfare of a child).
- 4. Psychological or personal problems that affect the student's functioning in the program or ability to function effectively in a clinical capacity.

- 5. Not finishing the degree within the time limit.
- 6. Not remaining continuously enrolled

MA in Forensic Psychology

The following are the guidelines by which students may be terminated from the master's program in forensic psychology:

- 1. Receiving two grades of C+ or below or one grade of F.
- 2. Failing the Comprehensive Examination a second time. Students must petition the program faculty for a third administration of the Comprehensive Exam.
- 3. Not finishing degree requirements in three years.
- 4. Unethical or criminal behavior (plagiarism, cheating, violation of APA ethical guidelines or University or governmental law, including harassment) that occurs either on campus, on internship site or in another academic or, in the case of criminal behavior, non-academic capacity. Termination will be decided by the program faculty and the department chair as a whole. The student will have the opportunity to present his/her side of the issue, as well as corroborating evidence. Legal advisers will not be involved in the hearing process.
- 5. Psychological problems that affect the student's functioning in the program or ability to function effectively in a clinical capacity. The program director and department chair will hold a meeting with the student to determine if such problems are evident. After consulting with the program faculty, a decision will be made on how to proceed. If deemed appropriate, the student will be asked to take a leave of absence to address these problems through psychotherapy. In the event of long-term, serious problems or a situation not adequately remediated by a leave of absence, a student may be asked to leave the program. 6. Unsuccessful completion (due to student's performance) of the internship a second time. (Students must petition the program faculty for a second internship placement and demonstrate that issues raised during the first placement have been addressed).

MS in Clinical Psychopharmacology

Termination from the program will occur for the following reasons:

- Surrender of a license in any jurisdiction for disciplinary reasons.
- Documented academic dishonesty, as described in the University Academic Integrity Policy.
- Unethical or unprofessional behavior. Please note that this also includes course website postings and email communications with faculty and staff. Students are advised that their behavior while participating in the program should exemplify the ethical behavior of a professional psychologist with respect to all communications with clients, colleagues, fellow students, faculty and staff.
- Final grade of C+ or less in two or more courses.
- Failure of the qualifying examination on three occasions.

Termination will be at the discretion of the academic director working in consultation with appropriate personnel within the University.

Maxwell Becton College of Arts and Science MA in Animation and MFA in Animation

A student who completes 9 or more credits with a cumulative grade point ratio (CGPR) of less than 2.75 will be placed on Academic Probation and will be subject to a reduced course load the following semester. If, at the completion of an additional 9 credits the CGPR is still below 2.75, the student will be subject to suspension or dismissal. This decision will be based on the student's overall academic performance and the student's likelihood of obtaining the minimum CGPR of 2.75 needed for graduation. If the student is permitted to continue his/her studies, the student's records will be subject to further credit limitations and minimum grade point requirements in order to be permitted to continue his/her studies.

Back to Top

Financial Aid

Financial aid for graduate and professional students is available from various sources (institutional, federal and private) and includes fellowships, scholarships, grants and loan programs. Financial-aid awards are processed annually based on continued financial need, enrollment status, availability of funds and maintaining satisfactory academic progress.

To apply for financial aid, students must complete the <u>Free Application for Federal Student Aid (FAFSA)</u> by April 15. FDU's FAFSA Code is 002607.

Contact the Graduate Financial Aid Office

Office Hours

Monday–Friday 9 a.m.–5 p.m.

Offices Florham Campus 285 Madison Ave M-MSO-02 Madison, NJ 07940 Telephone: (973) 443-8700 Fax: (973) 443-8534 Email: finaid@fdu.edu Metropolitan Campus 1000 River Road T-KB1-04 Teaneck, NJ 07666 Telephone: (201) 692-2363 Fax: (201) 692-2364 Email: <u>finaid@fdu.edu</u>

Problem Resolution

If students are experiencing difficulty resolving a financial-aid issue, they may contact FDU's Financial Aid Office at <u>finaid@fdu.edu</u>. Use the text "Requesting Resolution" and the student ID number in the subject line.

If students have been unable to solve a problem with their federal student loan, they can ask the <u>Federal</u> <u>Student Aid Ombudsman Group</u> for help or contact the

U.S. Department of Education

FSA Ombudsman Group

830 First Street, N.E., Mail <u>Stop5144</u> Washington, DC 20202-5144 1-877-2575

Federal Funding

Student Loans

Students wishing to apply for a loan within the Federal Direct Loan Program must file a Free Application for Federal Student Aid (FAFSA) each academic year. Upon filing this form, the resulting Student Aid Record (SAR) or Institutional Student Information Record (ISIR) must be filed with the Office of Financial Aid.

When filing the FAFSA, students should make sure to utilize the Title IV Federal School Code: 002607.

The Federal Direct Loan Program allows the student to defer repayment while enrolled at least half-time. There are a number of repayment options with which to repay the loan (standard repayment is 10 years), with a minimum payment of \$50.00 per month after graduation, withdrawal or dropping to less than half-time enrollment.

Federal Direct Unsubsidized Loan

The Federal Direct Unsubsidized Loans are available to matriculated students enrolled at least half time. A graduate or professional student may borrow up to a maximum of \$20,500.00 per academic year based on the Cost of Education and less any other financial aid received. The interest rate on an unsubsidized loan is fixed at 7.05 percent and a 1.057 percent loan fee is taken at the time of disbursement. A student may choose to either pay or accrue the interest while attending school. Interest that is not paid is capitalized (added to the principal amount borrowed).

The cumulative aggregate Federal Direct Loan debt a graduate dependent student may incur is \$138,500; no more than \$65,500 of this amount may be in subsidized loans. The graduate aggregate limit includes all federal loans received for undergraduate study.

Students must complete Loan Entrance Counseling and a Master Promissory Note (MPN) prior to borrowing at <u>studentaid.gov/</u>. The Loan Entrance Counseling provides required information about a borrower's rights and responsibilities.

Federal Direct PLUS Loan

The Federal Direct PLUS Loan is a credit-based loan program which enables approved borrowers to borrow up to the cost of education less any other financial aid received. Repayment of the PLUS Loan

begins 60 days after disbursement of the funds to the University but may be deferred while enrolled at least half-time. To be eligible for a Federal Direct PLUS loan, the student must file the FAFSA and may not be in default on any federal student loans.

Credit decisions are determined by the U.S. Department of Education when the student applies via <u>studentaid.gov/</u>. Credit approvals will expire after 90 days.

The Federal Direct PLUS Loan has a fixed interest rate of 8.05 percent, and a loan fee of 4.228 percent is taken at the time of disbursement.

More information about the Direct Loan Program, including repayment plans, calculators and borrower's rights and responsibilities may be found online at <u>https://studentaid.gov/</u>.

Veterans' Educational Benefits

Some veterans are eligible for monthly allowances (paid directly to the veteran) paid by the United States Veterans Administration. Funding eligibility is based on enrollment status as determined by the number of credits for a particular semester. Veterans applying for benefits must complete the Veteran Program Card at the beginning of each semester and submit it to the Office of Veterans Affairs.

Students who contributed to the Veterans Educational Assistance Program (VEAP-Chapter 32) may be eligible for benefits. In addition, dependents and spouses of veterans who died of service-related causes may also be eligible for benefits. Any questions regarding veterans and dependents of veterans' benefits should be directed to the Office of Veterans Affairs at the Metropolitan Campus at (201) 692-7085.

Information about Private Loans for Graduate Students

Fairleigh Dickinson University encourages all students to complete a Free Application for Federal Student Aid (FAFSA) before applying for private loans.

Private loans can help students bridge the gap between the cost of education and other financial aid but private loans:

- Are not guaranteed by the federal government;
- Have varying terms and conditions, depending on the lender;
- May have higher interest rates than federal loans;
- Are dependent on a credit check, so not everyone will be approved; and
- Often require a cosigner.

Students apply for private loans on their own. FDU cannot originate any applications or paperwork. Be sure to apply early!

Some Private Lending Sources

Visit <u>ELMSelect</u> to view a list of Private Lender options.

ELMSelect is a lender-comparison tool where students and parents can research the terms and conditions of different lenders. Through ELMSelect, families can choose the loan that best fits their personal financial situation, educational goals and objectives.

Please note that students and their parents are not obligated to select any lender on this list and can choose any private lender that fits their needs.

Comparing Loans Using ELMSelect:

- Go to the <u>ELMSelect</u> website.
- Select the program (e.g. graduate or undergraduate), review disclosure and click view loans.
- For students looking for lenders for the following criteria, click on the three lines to the right of the screen to sort and filter.
 - o Less than Half-time Enrollment?
 - o Satisfactory Academic Progress Required?
 - o Past-due Balances Applied?
- Students may also view details individually for each lender by clicking on the Lender logo.

Back to Top

Majors and Certificates (A-Z Listings)

Courses and Course Descriptions

Courses and Course Descriptions

Required and elective courses for each academic program are included in the program's section above. FDU course codes are made up of a three-to-seven letter subject (e.g. BIOL for biology) and a four-digit course number. When valid course codes appear in the program sections they are live clickable links that can be used to view the course title and course description for that course code.

The course titles and course descriptions shown for this Bulletin are as of summer 2024 so that they will correspond to the publication date of this archive. It is possible that they may change at a later date. To see the most current course titles and course descriptions, please use <u>Coursefinder</u> or <u>Self-Service</u>.

Back to Top

Accounting MS

Silberman College of Business is a recognized center of excellence for accounting and tax education, with a long history of providing innovative educational programs that meet the needs of the accounting profession and its practitioners.

The MS in accounting program features two tracks. Completion of either track can academically qualify students to take the CPA exam and meet licensing requirements.

- **Track A** is designed for students who have an undergraduate major or concentration in accounting. This track was recognized with the American Accounting Association's prestigious Innovation in Accounting Education Award.
- **Track B** is tailored to students who do not have an undergraduate background in accounting but desire to focus in this area at the graduate level.

The Silberman College of Business holds prestigious accreditation by AACSB International — the Association to Advance Collegiate Schools of Business, which recognizes the quality of its faculty, academic programs and resources. Less than a quarter of all U.S. business schools hold this recognition, adding value to a graduate business degree from Fairleigh Dickinson University.

The MS in accounting program is offered by the department of accounting, taxation and law of the Silberman College of Business at the Florham Campus, Madison, New Jersey, and at the Metropolitan Campus, Teaneck, New Jersey.

Eduniversal, a global leader in higher-education information, has ranked FDU's MS in accounting program 19th in North America. Its goal is to provide students worldwide with the tools to find the best education opportunities. Each year, more than 4 million students use Eduniversal in their search for the right program.

Degree Requirements

Track A For Students With a Bachelor's Degree in Accounting

This 30-credit program is for students who have the bachelor's degree or concentration in accounting and is designed to meet the 150-hour educational requirements for the NewJersey CPA exam.

Required Courses (21 credits)

- ACCT6606 Federal Tax II: Business Entities
- ACCT6680 Advanced Financial Reporting Topics
- ACCT6682 Advanced Auditing
- ACCT6690 Seminar in Accounting and Auditing Case Studies
- ACCT7720 Data Analytics Accounting Skills
- DSCI6400 Data Science and Analytics
- LAW6657 Applied Business Law

Elective (9 credits)

- ACCT7740 Advance Accounting Information Systems
- MIS6400 Information Systems for Manager

• One Elective

Track B For Students Without a Bachelor's Degree in Accounting

This 30-credit program is designed for students who have not earned the bachelor's degree in accounting. All students should refer to the governing body that oversees the qualification exams for the CPA Exam to see if the MS in accounting – Track B program meets their needs.

Prerequisite (3 credits)

At least one undergraduate course in financial accounting is required for admission into the program. Students with comparable graduate coursework may request a waiver from the department chair.

• <u>ACCT2021</u> Introductory Financial Accounting

Program Requirements (30 credits)

- <u>ACCT6605</u> Federal Tax I: Individual
- ACCT6606 Federal Tax II: Business Entities
- ACCT6617 Cost: Measurement, Planning and Control
- ACCT6618 Auditing Concepts and Methods
- ACCT6630 Intermediate Financial Accounting I
- ACCT6635 Intermediate Financial Accounting II
- ACCT6640 Advanced Financial Accounting
- ACCT6680 Advanced Financial Reporting Topics
- ACCT7715 Information Systems for Accountants
- ACCT7720 Data Analytics Accounting Skills

For Information

SCBGradAdvising@fdu.edu

Back to Top

Administrative Science Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

Students who wish to qualify for a certificate in administrative science may do so by completing six courses (18 credits) from the MAS degree course offerings. These credits may then be applied to the MAS

degree. Any six courses (18 credits), on a matriculating or nonmatriculating basis, qualify for a certificate in administrative science.

The certificate is offered by the School of Public and Global Affairs at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

For Information

spga@fdu.edu 201-692-7171

Back to Top

Administrative Science MAS

Fairleigh Dickinson University's online Master of Administrative Science (MAS) degree prepares students to take the reins in their companies and become leaders in their industries. Through a curriculum founded on leadership essentials, this degree will help students enhance their management capabilities, deepen their understanding of industry functionality and strengthen their administrative skills. The MAS program will help elevate their administrative expertise and provide them with the competitive edge they need to succeed in today's professional world.

The online MAS degree helps students develop career-enhancing competencies in areas such as: decision making, business ethics, human resources, human performance and productivity, professional communication, organizational leadership, team building and complex organizations. The online MAS program is offered by the School of Public and Global Affairs.

Developed for working individuals with full-time professional and personal responsibilities, the online MAS program can be completed in two years. Many students complete the program in 14 months. The program consists of 10 courses that combine both cognitive and interactive instruction through case studies, simulations and individual and group exercises to ensure each student is fully prepared for career advancement.

When navigating their courses, students will receive expert guidance and instruction from educators with years of professional administrative experience. Through FDU's online learning platform, the program provides students with the opportunity to interact with educators and share ideas with peers. Students learn on their own schedules and complete the degree at their own pace.

Admission Requirements

All applicants must possess a bachelor's degree from an accredited college or university. (Applicants must have maintained a grade point ratio [GPR] of 2.75 or higher while earning their undergraduate degrees66.)

In addition, applicants must provide:

- Graduate application,
- Official transcripts,

- Current résumé and
- A personal statement.

Degree Plan

The online MAS program offers courses founded on leadership essentials to inspire and prepare students for success in advanced positions within their industries. Students will become proficient in topics that are relevant to career advancement and leadership responsibilities, including personnel administration, professional communication, organizational leadership, strategic decision-making and more.

Core (30 credits)

- MADS6600 Theory and Practice of Administration
- <u>MADS6602</u> Personnel Administration
- MADS6603 Law and Administrative Practice
- MADS6604 Ethics and Public Values
- <u>MADS6606</u> Administrative Leadership in Complex Organizations
- <u>MADS6608</u> Organizational Communication and Conflict Resolution
- MADS6609 Productivity and Human Performance
- MADS6610 Organizational Decision-Making
- MADS6612 Seminar on Strategic Management
- MADSXXXX Select from an approved administrative science course with permission from an adviser

For Information

Lorraine Nienstedt, Associate Director, School of Public and Global Affairs

niensted@fdu.edu 201-692-7172

Back to Top

Administrative Science MAS (Online)

Fairleigh Dickinson University's online Master of Administrative Science (MAS) degree prepares students to take the reins in their companies and become leaders in their industries. Through a curriculum founded on leadership essentials, this degree will help students enhance their management capabilities, deepen their understanding of industry functionality and strengthen their administrative skills. The MAS program will help elevate their administrative expertise and provide them with the competitive edge they need to succeed in today's professional world.

The online MAS degree helps students develop career-enhancing competencies in areas such as: decision making, business ethics, human resources, human performance and productivity, professional

communication, organizational leadership, team building and complex organizations. The online MAS program is offered by the School of Public and Global Affairs.

Developed for working individuals with full-time professional and personal responsibilities, the online MAS program can be completed in two years. Many students complete the program in 14 months. The program consists of 10 courses that combine both cognitive and interactive instruction through case studies, simulations and individual and group exercises to ensure each student is fully prepared for career advancement.

When navigating their courses, students will receive expert guidance and instruction from educators with years of professional administrative experience. Through FDU's online learning platform, the program provides students with the opportunity to interact with educators and share ideas with peers. Students learn on their own schedules and complete the degree at their own pace.

Admission Requirements

All applicants must possess a bachelor's degree from an accredited college or university. (Applicants must have maintained a grade point ratio [GPR] of 2.75 or higher while earning their undergraduate degrees66.)

In addition, applicants must provide:

- Graduate application,
- Official transcripts,
- Current résumé and
- A personal statement.

Degree Plan

The online MAS program offers courses founded on leadership essentials to inspire and prepare students for success in advanced positions within their industries. Students will become proficient in topics that are relevant to career advancement and leadership responsibilities, including personnel administration, professional communication, organizational leadership, strategic decision-making and more.

Core (30 credits)

- MADS6600 Theory and Practice of Administration
- <u>MADS6602</u> Personnel Administration
- MADS6603 Law and Administrative Practice
- MADS6604 Ethics and Public Values
- MADS6606 Administrative Leadership in Complex Organizations
- MADS6608 Organizational Communication and Conflict Resolution
- MADS6609 Productivity and Human Performance
- MADS6610 Organizational Decision-Making
- MADS6612 Seminar on Strategic Management
- MADSXXXX Select from an approved administrative science course with permission from an adviser

For Information

Lorraine Nienstedt, Associate Director, School of Public and Global Affairs niensted@fdu.edu 201-692-7172

Back to Top

Administrative Science MAS -Puerta al Futuro

The Master of Administrative Science (MAS) for the Latino community expands the academic horizons of students who have graduated from FDU's *Puerta Al Futuro* bachelor's degree-completion program.

The MAS program for *Puerta Al Futuro* is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey.

Program Highlights

- Thirty credits in relevant courses for the Latino community;
- Convenient location: Hackensack, New Jersey;
- Convenient hours for the working professional: Classes on Saturdays;
- Classes in English and Spanish; and
- Special tuition rate.

Admission Requirements

- Completed 100 credits as a Puerta Al Futuro undergraduate,
- Bachelor's degree from an accredited college or university with a minimnum grade point ratio (GPR) of 3.00 or higher and
- Official transcripts from all colleges and universities in which undergraduate or graduate coursework was completed.

Degree Plan

Students choose from more than 100 courses offered in the MAS program such as:

- <u>MADS6605</u> Principles of Information Systems
- MADS6608 Organizational Communication and Conflict Resolution
- MADS6611 Special Topics: Introduction to Diplomacy and International Relations
- MADS6611 Special Topics: Business, Government and International Economy

- MADS6612 Seminar Strategic Management
- MADS6615 Global Leadership
- <u>MADS6622</u> Community Development
- MADS6634 Community Threat Assessment and Risk Analysis
- MADS6636 Global Preparedness for Catastrophic Emergencies
- <u>MADS6659</u> Latin America and Globalization (cross-listed with <u>GLOB6659</u> Latin American Globalization)

Certificate Programs

Students can also earn a graduate certificate upon completion of 18-credits (six courses) within the MAS program.

Candidates can earn a certificate in:

- Administrative Science
- Diplomacy and International Relations
- Global Health and Human Services
- Global Leadership and Administration
- Global Security and Terrorism Studies
- Global Transportation Management
- Homeland Security Administration
- Human Resources Administration
- Law and Public Safety Administration
- Leadership Theory and Practice
- Nonprofit Organizational Development
- School Security and Safety Administration

For Information

Jaime Buenahora Febres Clinical Professor of Comparative Law School of Public and Global Affairs jaimeb@fdu.edu

Back to Top

Administrative Science MAS

(Vancouver)

The School of Public and Global Affairs offers a Master of Administrative Science (MAS) degree at the Vancouver Campus, British Columbia, Canada.

Program Highlights

- Atwo-year, 30-credit program.
- Option to complete the MAS program in an accelerated format as the Vancouver Campus offers trimester terms of study (fall, spring and summer).
- An opportunity to begin the program at any one of three entry points during the year: September, January or May.
- Practical application related to theory content.
- Small classes are offered and class times will vary.
- Six specializations in various professional areas to meet global needs and demands. Specialization courses focus on both practical and theoretical concepts while developing administrative, analytical and decision-making skills. The specializations include:
 - Computer Security and Forensic Administration
 - Emergency Management Administration
 - o Global Health and Human Services Administration
 - Global Leadership and Administration
 - Global Technology Administration
 - o Human Resources Administration

Admission Requirements

Direct Admission

Students must have a minimum International English Language Testing System (IELTS) score of 6.5 across all bands (no band below 6.5), or its equivalent, for direct entry to the MAS program. (Students using the TOEFL [Test of English as a Foreign Language] Home Edition, PTE [Pearson Test of English] Academic Online and iTEP [International Test of English Proficiency] will be required to take the EPT [English Placement Test].)

Students should take a course load of 9 academic credits in addition to <u>EPS6299</u> Graduate Research Seminar, in the first trimester. Students take the remaining 21 credits in the next three terms, enabling them to complete the 30-credit degree program in as little as four consecutive trimesters.

Conditional Admission

International students who do not meet the English-language proficiency requirements for direct admission to the MAS program, and who wish to take MAS coursework while upgrading their academic English abilities, may qualify for acceptance into the Foundations in Academic Research(FAR) program or the Master Academic Foundations(MAF) program at FDU.

Students who successfully complete either of these programs will matriculate directly into the MAS program without further conditions.

For Information

Juliana Fiorentino, Associate Director of Admissions, Vancouver Campus juliana_fiorentino@fdu.edu Natsumi Otsubo, Assistant Director of Admissions, Vancouver Campus natsumi_otsubo@fdu.edu

Back to Top

Advanced Computer Programming Graduate Certificate

The advance computer programming graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey. The objective of this certificate is to provide comprehensive experience in program development in several languages, including C/C++, assembly language, Java, ASP.NET, C#, VB.NET, Unix Shell and systems programming.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

18 credits (six courses) are to be taken from the following:

- <u>CSCI5505</u> Introduction to Computer Programming
- <u>CSCI5555</u> Data Structures or <u>CSCI5565</u> Assembly Language
- <u>CSCI6617</u> Computer Game Programming
- CSCI6723 Database Project with Visual Basic
- CSCI6810 Java and the Internet
- CSCI6844 Programming for the Internet
- <u>CSCI7645</u> Systems Programming
- <u>CSCI7871</u> Unix Programming

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

Academic Credits

Courses with number 6000 or higher completed through this certificate program can be credited toward the MS in computer science program. Other courses may be substituted with prior approval of the academic adviser.

For Information

Yongming Tang, Associate Director, Computer Science, Information Systems and Mathematics Division, Lee Gildart and Oswald Haase School of Computer Sciences and Engineering

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Back to Top

Animation MA

The 36-credit Master of Arts (MA) degree in animation offers three concentrations (3D character animation, video games and visual effects) that center around gaining hands-on skills in the chosen concentration. This major is designed for students who possess an undergraduate degree from an accredited university, college or art school who are looking to further sharpen their skills and increase their understanding of the discipline. It accepts recent undergraduates, master's-level transfer students and working professionals who want to improve their animation skills.

All the courses in this program are offered in a hybrid format, which allows students to decide if they would like to attend classes on campus, remotely online or a combination of the two.

New enrollees can apply to begin in the fall or spring semester. Full-time students can complete this program in one-and-a-half to two years. Part-time students may take courses over multiple years until the required 36 credits are completed. F-1 visa holders must attend all courses on campus on a full-time basis.

The MA in animation is offered by the School of the Arts, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey.

Admission Requirements

No standardized testing is required.

Applicants should submit the following:

- Completed FDU graduate admissions application.
- Official undergraduate and graduate transcripts from all colleges and universities attended.
- Two letters of recommendation (from a professor, employer or professional in the field familiar with the student's strengths and abilities).
- Bachelor's degree from an accredited college or university with a minimum cumulative grade point ratio (CGPR) of 2.70 (Applicants with a CGPR of less than 2.70 may be admitted on probation).
- Digital portfolio.
- Personal statement andrésumé.

MA in animation degree applicants must digitally submit a portfolio of 10–15 creative pieces as part of the application process. Applicants must request log-in information to the MA in animation program's cloud to upload their portfolio. Acceptance is based on the quality of the work as well as meeting all of the other academic admission requirements of the University. The review committee is looking for work that is original in concept and content and will evaluate the portfolios to determine if the applicant qualifies to enter the program based on their artistic skills. If the submitted work infringes on copyright laws or is copied from other sources the applicant will be denied admission.

Degree Plan

Upon admission, students select one of the following concentrations to be their area of focus.

3D Character Animation Concentration

In this concentration, students give personality and emotion to digital 3D characters. Through the use of software techniques and acute observation skills, they show their ability to portray convincing and engaging performances in their animated characters and creatures.

Required Courses (18 credits)

- ANIM5300 Storytelling
- ANIM5400 Character Design
- <u>ANIM6100</u> Digital Sculpting
- ANIM6150 3D Character Texturing
- ANIM6300 3D Character Animation
- ANIM7000 Advanced 3D Character Animation

Major Electives (18 credits)

• Six <u>ANIM5000</u> or higher-level courses

Video Games Concentration

In this concentration, students design and create animations that are intended to be utilized in video games and interactive media. They learn how to optimize the visual data, bearing in mind the limitations of the platform that will be delivering it, in that the device will be dynamically rendering the incorporated assets in real time.

Required Courses (18 credits)

- ANIM5400 Character Design
- ANIM5500 Digital 2D Animation
- ANIM6100 Digital Sculpting
- <u>ANIM6400</u> 3D Animation for Games
- ANIM6600 Game Creation
- ANIM7500 Advanced Game Creation

Major Electives (18 credits)

• Six <u>ANIM5000</u> or higher-level courses

Visual Effects Concentration

In this concentration, students animate illusions and tricks of the eye to simulate imagined events in stories and computer-generated environments. Along with enhancing and manipulating digital imagery created in a variety of 3D and 2D software programs, they also learn to integrate and composite believable components and visual effects into live-action footage.

Required Courses (18 credits)

- ANIM5300 Storytelling
- ANIM5500 Digital 2D Animation
- ANIM5600 3D Layers in After Effects
- ANIM5700 Dynamic Effects and Particle Systems in After Effects
- ANIM5800 Compositing in After Effects
- ANIM6350 3D Particle Systems and Effects

Major Electives (18 credits)

• Six <u>ANIM5000</u> or higher-level courses

Other Animation Electives

- ANIM5100 History of Animation and Special Effects
- ANIM5200 History of Video Games
- ANIM5650 3D Modeling
- ANIM5750 3D Character Modeling
- ANIM5850 Advanced Digital 2D Animation
- ANIM5900 Expressions and Scripting in After Effects
- ANIM6200 Animation with Houdini
- <u>ANIM6700</u> Animating Fluids
- ANIM6805 Motion Tracking
- ANIM6900 Digital 2D Game Creation
- ANIM7100 3D Character Animation Weight, Overlap and Follow through
- ANIM7200 Character Animation Emotion and Personality

- <u>ANIM7250</u> Lip-Syncing
- ANIM7300 Animation with Hair/Fur
- ANIM7400 Animation with Cloth
- ANIM7425 Motion Capture
- ANIM7525 Virtual Reality
- ANIM7550 Internship I
- ANIM7600 Video Game Team Project
- ANIM7700 Faculty/Student Research I
- ANIM7775 Internship II
- ANIM7805 Faculty/Student Research II
- ANIM7900 Animation Career Preparation

For Information

Robin Barkley, Director of Animation and Video Game Animation Programs, School of the Arts, Maxwell Becton College of Arts and Sciences

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Back to Top

Animation MFA

A Master of Fine Arts (MFA) is the highest degree in animation. The MFA in animation offers three concentrations (3D character animation, video games and visual effects) that center around gaining intensive hands-on skills in the chosen concentration. This major focuses on increasing practical, visual and creative skills to the highest level and provides students an opportunity to enhance their portfolios using 21st-century media and technologies. Prior to graduation, students are required to execute rigorous, in-depth thesis projects that demonstrate the skills learned in all of the classes in the curriculum. Upon completion, the thesis projects are exhibited in a public venue. Additionally, MFA students prepare portfolios and other materials necessary for job applications and interviews.

This 60-credit degree accepts recent undergraduates, master's-level transfer students, working professionals who want to grow their animation skills, as well as people who desire a complete career change. A candidate for admission is encouraged to meet with the director of the animation and video game animation programs to discuss admission eligibility, education plans, curriculum options or to schedule a tour of the animation facilities.

All of the courses in this program are offered in a hybrid format, which allows students to decide if they would like to attend classes on campus, remotely online or a combination of the two.

New enrollees can apply to begin in the fall or spring semester. Full-time students can complete this program in two-and-a-half to three-and-a-half years. Part-time students may take courses over multiple years until the required 60 credits are completed.

F-1 visa holders must attend all courses on campus on a full-time basis.

The MFA in animation is offered by the School of the Arts at the Florham Campus, Madison, New Jersey.

Admission Requirements

- No standardized testing is required.
- Completed FDU graduate admissions application.
- Official undergraduate and graduate transcripts from all colleges and universities attended.
- Two letters of recommendation (from a professor, employer or professional in the field familiar with the student's strengths and abilities).
- Bachelor's degree from an accredited college or university with a minimum cumulative grade point ratio (CGPR) of 2.70 (Applicants with a CGPR of less than 2.70 may be admitted on probation).
- Digital portfolio.
- Personal statement andrésumé.

MFA in animation degree applicants must digitally submit a portfolio of 10-15 creative pieces as part of the application process. Applicants must request log-in information to the MFA in animation program's cloud to upload their portfolio. Acceptance is based on the quality of the work as well as meeting all of the other academic admission requirements of the University. The review committee is looking for work that is original in concept and content and will evaluate the portfolios to determine if the applicant qualifies to enter the program based on their artistic skills. If the submitted work infringes on copyright laws or is copied from other sources the applicant will be denied admission.

Degree Plan

Upon admission, students select one of the following concentrations to be their area of focus.

3D Character Animation Concentration

In this concentration, students study in-depth techniques that focus on every aspect of animating characters. Through the use of software techniques, acute observation skills and motion-capture technology, they master the skills needed to portray a high level of detail in animating believable characters and creatures.

Required Courses (36 credits)

- ANIM5300 Storytelling
- ANIM5400 Character Design
- ANIM6100 Digital Sculpting
- ANIM6150 3D Character Texturing
- ANIM6300 3D Character Animation
- ANIM7000 Advanced 3D Character Animation
- ANIM7250 Lip-Syncing

- ANIM7425 Motion Capture
- ANIM7650 Thesis I
- ANIM7750 Thesis II
- ANIM7850 Thesis III
- ANIM7900 Animation Career Preparation

Major Electives (24 credits)

Eight ANIM5000 or higher-level courses

Video Games Concentration

In this concentration, students design and create animations that are intended to be utilized in video games, virtual reality and interactive media. They learn how to optimize the visual data, bearing in mind the limitations of the platform that will be delivering it, in that the device will be dynamically rendering the incorporated assets in real time.

Required Courses (36 credits)

- ANIM5400 Character Design
- ANIM5500 Digital 2D Animation
- ANIM6100 Digital Sculpting
- ANIM6400 3D Animation for Games
- ANIM6600 Game Creation
- ANIM7500 Advanced Game Creation
- ANIM7525 Virtual Reality
- ANIM7600 Video Game Team Project
- ANIM7650 Thesis I
- ANIM7750 Thesis II
- ANIM7850 Thesis III
- ANIM7900 Animation Career Preparation

Major Electives (24 credits)

Eight <u>ANIM5000</u> or higher-level courses

Visual Effects Concentration

In this concentration, students animate illusions and tricks of the eye to simulate imagined events in stories and computer-generated environments. Along with enhancing and manipulating digital imagery created in a variety of 3D and 2D software programs, they also learn to integrate and composite believable components and visual effects into live-action footage.

Required Courses (36 credits)

- ANIM5300 Storytelling
- ANIM5500 Digital 2D Animation
- ANIM5600 3D Layers in After Effects
- ANIM5700 Dynamic Effects and Particle Systems in After Effects

- ANIM5800 Compositing in After Effects
- ANIM6350 3D Particle Systems and Effects
- ANIM6700 Animating Fluids
- ANIM6805 Motion Tracking
- ANIM7650 Thesis I
- ANIM7750 Thesis II
- ANIM7850 Thesis III
- ANIM7900 Animation Career Preparation

Major Electives (24 credits)

Eight ANIM5000 or higher-level courses

Other Animation Electives

- <u>ANIM5100</u> History of Animation and Special Effects
- ANIM5200 History of Video Games
- ANIM5650 3D Modeling
- ANIM5750 3D Character Modeling
- ANIM5850 Advanced Digital 2D Animation
- ANIM5900 Expressions and Scripting in After Effects
- ANIM6200 Animation with Houdini
- ANIM6900 Digital 2D Game Creation
- ANIM7100 3D Character Animation Weight, Overlap and Follow Through
- ANIM7200 Character Animation Emotion and Personality
- ANIM7300 Animation with Hair/Fur
- ANIM7400 Animation with Cloth
- ANIM7550 Internship I
- ANIM7700 Faculty/Student Research I
- ANIM7775 Internship II
- <u>ANIM7805</u> Faculty/Student Research II

For Information

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Back to Top

Applied Computer Science MSACS (Vancouver)

The Master of Science in applied computer science is a 30-credit program that prepares students for the direct pursuit of productive careers in industry and for continued graduate study. The program educates professionals to become leaders in various areas of computer science ranging from software engineering to computer design, and from systems analysis to the management of information systems.

The MS in applied computer science is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Vancouver Campus, Vancouver, British Columbia, Canada.

Program Highlights

- The MS in applied computer science program follows the Gildart Haase School of Computer Sciences and Engineering's mission of preparing competent computer professionals and responsible global citizens.
- Students learn to evaluate current and emerging technologies; identify user needs; design userfriendly interfaces; apply, configure and manage these technologies; and assess their impacts on an individual user, an organization, the environment and society.
- Students can choose between two specializations: database administration or advanced computer programming. Each specialization comprises four courses (12 credits).
- Students who desire to pursue further studies can select the thesis-based stream. A master's thesis comprises 6 to 12 credits, depending on the contents of the thesis and the recommendation of the thesis supervisor and the thesis committee.

Program Objectives

The MS in applied computer science program will produce graduates who:

- Enter into and advance their careers in the profession of computer science and its closely related fields.
- Continue their education to obtain additional training, professional certifications and/or advanced degrees, including PhDs, in the fields of computer science, management information systems, business administration or computer engineering.
- Continue to develop as responsible professionals and global citizens who are mindful of ethical issues, societal needs and problems inherent in the computing field.

Program Learning Outcomes

Graduates of the MS in applied computer science program will demonstrate the following knowledge, skills and attributes:

• An ability to gain and apply the knowledge of computer science theory to analyze problems, assess trade-offs and develop creative solutions.

- An ability to work effectively in teams and communicate with diverse audiences.
- Understanding of the computing-related ethical and societal issues and their impact on individuals, organizations and communities.
- An ability to develop professionally and innovate with the deployment of computing technology.

Admission Requirements

- 1. Graduation from an accredited four-year bachelor's degree program with an equivalent to minimum grade point ratio (GPR) of 2.75 (B-) on 4.00 scale.
- Students with a lower GPR can be considered for admissions after a broad-based review of their overall academic profiles and in combination with related work experience.
- 2. Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years.
- The GRE may be waived for applicants meeting one of the following conditions:
 - The applicant is an FDU information technology, business administration, computer science or any STEM graduate with an undergraduate cumulative GPR (CGPR) of 3.00.
 - The applicant is a non-FDU computer science or any STEM graduate with an undergraduate CGPR of 3.30. This GRE-waiver policy is only applicable to applicants who graduated from a regionally accredited college or university in the United States or from a recognized institution in Canada.
 - The applicant has completed a master's degree in science, technology, engineering or mathematics.
 - The applicant has completed a bachelor's degree in STEM and any master's degree from accredited U.S. institutions or recognized Canadian institutions.
- 3. Demonstrated proficiency in English (for international students whose first language is not English).

Application Deadlines

- Fall (September start) term January 1–April 30
- Spring (January start) term May 1–August 31
- Summer (May start) term September 1–December 31

Required Documents

Copies of the documents must be submitted together with the online application.

- 1. Attested or officialtranscripts, academic records, diplomas, national examination results, certificates or degrees received from all post-secondary institutions, universities and/or professional schools. If the documents are not in English, a certified translation is required.
- Students from India: Consolidated mark sheets are not accepted. Individual mark sheets showing all attempts, failures and retakes are required. Students must submit their Backlogs Summary together with their transcripts.

- 2. Three (3) recommendation letters are recommended.
- 3. Proof of English Proficiency if the students' first language is not English or if they did not complete their degrees in the United States, Canada or any country listed on FDU's exemption list. For more details refer to the English Proficiency page.
- 4. Official GRE test score results (Vancouver Campus code 2818).
- 5. Copy of information page in a student's valid passport.
- 6. Résumé (recommended).

Admission Procedure

Admission to the MS in applied computer science program is competitive and is based on the "rolling" admission model.

Applicants will be advised if they require any prerequisite courses prior to matriculation into the program at the time of admission.

An interview with the program adviser may be required before the decision on admission can be made. Applicants will be notified if an interview is necessary.

Graduation Requirements

- The MS in applied computer science program requires successful completion of at least 30 credits (10 graduate courses), excluding any prerequisites that may be needed.
- Students are expected to complete the degree program within a two-year period.
- Students must earn a cumulative grade point ratio (CGPR) of at least 2.75to graduate.

A maximum of 9 credits may be transferred from courses completed within the last five years at other accredited institutions and with a grade of B or better in accordance with the curricular requirements of the program and FDU policies.

Degree Plan

Graduates from an accredited institution with an undergraduate degree in computer science typically meet these prerequisite requirements.

Prerequisite Courses

Students without prior education equivalent to the following courses must complete these prerequisites:

- <u>CSCI5505</u> Introduction to Computer Programming
- <u>CSCI5525</u> Introduction to Computer Science
- CSCI5557 Data Structures and Algorithms
- CSCI5565 Assembly Language

Computer Science Core Courses (18 credits)

- <u>CSCI6603</u> Computer Architecture or <u>CSCI6623</u> Database Systems
- <u>CSCI6620</u> Software Engineering
- CSCI6638 Operating Systems

- <u>CSCI6806</u> Computer Science Graduate Capstone Project
- <u>CSCI6836</u> Computer Algorithms
- CSCI7645 Systems Programming

Advanced Computer Programming Specialization (12 credits)

Choose either the first four courses or any three from the first four plus the internship.

- <u>CSCI6617</u> Computer Game Programming
- <u>CSCI6809</u> Advanced Applications Development
- <u>CSCI6844</u> Programming for the Internet
- <u>CSCI7873</u> Shell Programming
- CSCI8891 Internship/Work Experience

Database Administration Specialization (12 credits)

Choose either the first four courses or any three from the first four plus the internship.

- CSCI6882 Data Warehouse and Data Mining
- <u>CSCI7741</u> Disaster Recovery
- <u>CSCI7781</u> Advanced Database Systems
- CSCI7783 Information Security
- CSCI8891 Internship/Work Experience

Other Electives Specialization (12 credits)

Choose any four courses from the list below.

- <u>CSCI6751</u> Artificial Intelligence
- <u>CSCI6761</u> Automata Theory
- CSCI6803, CSCI6804 Research and Thesis I, II
- CSCI6805 Graduate Research (Nonthesis)
- <u>CSCI6811</u> Advanced Special Projects
- <u>CSCI6830</u> Special Topics: Computer Science
- CSCI6886 Big Data Analytics
- <u>CSCI7785</u> Distributed Database Systems
- <u>CSCI7850</u> User Interface Evaluation and Design
- CSCI8891 Internship/Work Experience

For Information

Vasudevan Janarthanan, Coordinator, BS in Information Technology and MS in Applied Computer Science, Vancouver Campus

Associate Professor of Information Technology

Back to Top

Bilingual/Bicultural Education Specialist Certificate Graduate Certificate

The bilingual/bicultural education certification program is a 12-credit concentration covering the essential topics of applied linguistics, language acquisition, biliteracy development, pedagogical theory and teaching methods in content areas in bilingual/bicultural settings. This concentration may be applied toward the 36-credit MA in education for certified teachers degree.

Bilingual certification is a second endorsement on an existing instructional certificate.

The program is fully online and is offered by the Peter Sammartino School of Education. Candidates can complete it from any location in two to three consecutive semesters. Those who are interested in also obtaining their English as a Second Language (ESL) Certificate only need to complete two more courses to obtain both certificates.

Requirements

Bilingual/Bicultural Education Courses (12 credits)

- EDUC6551 Bilingual Language Acquisition
- EDUC6574Applied Linguistics for Language Teachers
- EDUC6599 Methodology and Curriculum of Second Language Acquisition
- EDUC6654Literacy Development for Second-language Learners

The New Jersey Department of Education requires a demonstration of oral and written language proficiency in both English and the second language for bilingual certification. Students meet this requirement by taking the Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WPT) in both English and the second language through Language Testing International.

Additional Coursework for the MA Degree(24 credits)

- EDUC5501 Educational Technologies (1 credit)
- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership

- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7674 Master's Seminar: Research in Specialization
- Approved Technology Elective (1 credit)
- Approved Elective (1 credit)
- Approved Elective (3 credits)

For Information

Sora Suh, Coordinator of ESL/Second Language Acquisition Program, Peter Sammartino School of Education

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Back to Top

Biology MS

The MS in biology curriculum is designed for students who plan to attend graduate school and for students who wish to prepare for admission to a school of medicine, dentistry, optometry, pharmacy, osteopathy, podiatry, veterinary medicine, or chiropractic, as well as those not planning to take an advanced degree in biology.

The program is offered by the department of biological sciences, Maxwell Becton College of Arts and Sciences, at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

- Graduation from an accredited college or university with a 3.00 cumulative grade point ratio (GPR) and at least 24 semester hours in biology and a general program, including related scientific subjects, which would be equivalent to the biology major offered for the Bachelor of Science degree at Fairleigh Dickinson University. Students who are deficient in some subjects, but whose records are otherwise superior, may make up their deficiencies while they are enrolled in the graduate program.
- Undergraduate academic attainment in biology, which meets with the approval of the graduate biology faculty.
- Résumé and personal statement is required for an MS in biology.
- Graduate Record Examinations (GRE) is optional.
- Three letters of recommendation.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Requirements

- Satisfactory completion of a minimum of 32 credits in the courses approved for a graduate major in biology. A minimum of 20 credits must be taken in biological sciences. A maximum of 6 credits may be transferred from another institution with the permission of the department chair if these credits are not part of an existing master's degree. In addition, courses may be taken in other colleges and campuses of the University, with the department chair's permission.
- Before students may register beyond 9 credits, they are required to obtain a biology adviser. The adviser will help students select courses most appropriate for their needs and interests. Ideally, the students will select faculty members in the areas of interest most closely paralleling their own. These faculty members also may serve as the students' mentors.
- Students have the option of completing their degrees with or without a research option. Those electing to do the research and thesis option must take the 3-credit sequence consisting of:
- BIOL7803 Research and Thesis I
- BIOL7804 Research and Thesis II

Degree Plan

Required Biology Courses (2 credits)

(With or without the research option above 2 credits.)

The following 2-credit course is required and must be taken regardless of the concentration.

• **<u>BIOL6950</u>** Biology Seminar

Elective Courses (30 credits)

These courses may include additional graduate biology courses, independent studies or other graduate chemistry or science sources that would fulfill a student's specific needs as approved by the graduate adviser and department chair for the MS in biology.

Choose from the following courses. All the courses are 3 credits unless otherwise indicated.

- BIOL5306 Immunology
- <u>BIOL6240</u> Molecular Cell Biology (4 credits)
- <u>BIOL6241</u> Lab: Molecular Cell Biology (0 credits)
- BIOL6705 Advances in Cell Biology
- **BIOL6724** Human Genetics
- BIOL6725 Human Evolution
- **BIOL6728** Bioethics
- BIOL6733 Enzymology
- <u>BIOL6740</u> Molecular Endocrinology
- **BIOL6743** Topics in Bioinformatics
- <u>BIOL6744</u> Lab: Topics in Bioinformatics (0 credits)
- <u>BIOL6761</u> Advanced Microbiology
- **BIOL6771** Behavioral Ecology
- <u>BIOL6775</u> Physiological Ecology

- BIOL6779 Darwinian Medicine
- <u>BIOL6845</u> Molecular Biology Techniques (4 credits)
- <u>BIOL6846</u> Lab: Molecular Biology Techniques (0 credits)
- **<u>BIOL6888</u>** Physiology of Disease
- BIOL6892 Human Physiology
- ENVR6552 Environmental Risk Assessment
- ENVR6569 Wetland and Watershed Resources

Concentrations

The MS in biology offers three concentrations: biotechnology, business and biotechnology and business. Biotechnology Concentration Courses (14 credits)

Choose from the following free elective courses. All the courses are 3 credits unless otherwise indicated.

- <u>BIOL6240</u> Molecular Cell Biology (4 credits)
- <u>BIOL6241</u> Lab: Molecular Cell Biology (0 credits)
- **<u>BIOL6632</u>** Selected Studies in Biology
- <u>BIOL6661</u> Lab: Advanced Microbiology (2 credits)
- BIOL6705 Advances in Cell Biology
- **<u>BIOL6719</u>** Developmental Genetics
- **BIOL6724** Human Genetics

Back to Top

Business Administration MBA Programs

Silberman College of Business holds prestigious accreditation by AACSB International — the Association to Advance Collegiate Schools of Business, which recognizes the quality of its faculty, academic programs and resources. Less than a quarter of all U.S. business schools hold this recognition, adding value to a graduate business degree from Fairleigh Dickinson University.

The MBA programs are offered through the Silberman College of Business at the Florham Campus, Madison, New Jersey; at the Metropolitan Campus, Teaneck, New Jersey; and online.

Students can choose a general MBA or one of eight specializations:

- Accounting
- Data Analytics
- <u>Finance</u>
- International Business

- Leadership and Managing Innovation
- <u>Marketing</u>
- <u>Pharmaceutical Management</u>
- Supply Chain Management

Degree Plan

The MBA program consists of two main areas of completion: the core curriculum and specialization or discipline-enrichment courses. Each course within the MBA core curriculum relies on one or more experiential-learning activities to equip students with problem-solving skills that will enable them to analyze and develop solutions that managers are likely to face. Many students are able to take what they learn in the classroom and immediately apply it to the workplace.

Depending upon their undergraduate major, students are able to request waivers for up to four courses in the core curriculum. In order to request a waiver, students must meet the grade requirements as determined by the course waiver, have taken the course within the last five years and provide a copy of each course syllabus. (See the <u>MBA Waiver Policy and Transfer Credit Policy</u>.)

MBA Core Curriculum

The MBA core curriculum is separated into three categories with students taking the following course within their first semester of attendance:

• MGMT5400 Business and Society

Understanding the Business Context

- ECON6400 Economics for Business Decisions
- LAW6400 Society, Ethics and Law
- MGMT6400 Organization Behavior and Leadership

Quantitative Models for Business

- ACCT6400 Accounting Decision Making
- DSCI6400 Data Science and Analytics
- FIN6400 Financial Decision Making
- <u>MIS6400</u> Information Systems for Managers

Creating a Value Proposition Integrative Experience

- DSCI6401 Introduction to Supply Chain Management
- ENTR6400 Innovation and Entrepreneurial Mindset
- MKTG6400 Marketing Decision Making

Capstone

• MGMT7400 Global Business Capstone

International Student Requirement

In certain circumstances it may be necessary for students to further develop their proficiency in English in order to ensure academic success. In these cases students are required to take courses in English for Professional Success (EPS). EPS courses do not apply toward the graduate business program curriculum.

In addition to the core curriculum, students completing the general MBA will choose three disciplineenrichment courses to complete the program.

MBA Specializations

Accounting Specialization

The MBA in accounting provides a launching pad for the study of advanced accounting topics suitable for business managers to sharpen strategic thinking and analytical skills. As part of the program, students learn the core skills and knowledge of business and management, while gaining a strong foundation of accounting theory and concepts useful to effectively interpret and use accounting and financial information. As one option, with an MBA in accounting provides for significant management training, progress toward or completion of the educational requirements for the CPA exam, a wider variety of career options than for those with only undergraduate degrees and the strong possibility of a higher earnings potential.

In addition to the core curriculum, students who want to specialize in in accounting take three additional accounting courses:

- ACCT6617 Cost: Measurement, Planning and Control
- ACCT6630 Intermediate Financial Accounting I
- ACCT6635 Intermediate Financial Accounting II

Data Analytics Specialization

The MBA in data analytics, a STEM-certified program, is designed to provide students with a comprehensive understanding of business management principles and a strong foundation in data analytics. This program combines the core MBA curriculum with specialized courses focused on data analytics techniques, tools and strategies.

In addition to the core curriculum, students who want to specialize in data analytics take four additional data analytics courses:

- DSCI6920 Python Fundamentals and Data Visualization
- DSCI6930 Introduction to Data Mining and Machine Learning
- DSCI6940 Data Analytics for Business Applications
- DSCI7006 Data Analytics Capstone

Finance Specialization

The MBA in finance provides students with the concepts and tools for participating in the financial decision-making process for a variety of businesses and organizations that require special understanding of financial analysis, financial management and financial systems. Students are prepared to evaluate and recommend financial strategies available to them in oral and written form.

In addition to the core curriculum, students who want to specialize in finance take three additional finance courses:

- FIN6600 Financial Markets and Instruments
- FIN6601 Strategic Global Corporate Finance

• FIN6605 Investment and Portfolio Management

International Business Specialization

As a consequence of the high rate of global integration and increasing levels of political instability worldwide, it is imperative that firms hire knowledgeable professionals who are able to navigate the complex global economic landscape if they are to prosper. Fairleigh Dickinson University's MBA in international business curriculum provides students with the specialized and in-depth education necessary to successfully manage organizations in today's complex global environment.

In addition to the core curriculum, students wanting a specialization in international business take three international business courses:

- IBUS6610 Principles of International Business
- IBUS6620 Introduction to International Business, Economics and Trade
- IBUS6630 International Corporate Finance and Trade

Leadership and Managing Innovation Specialization

The MBA in leadership and managing innovation is designed for students who wish to develop the interpersonal and management skills needed to advance to levels of leadership in their companies, as well as develop a long-term perspective and value system which will serve them their entire careers. Students in the program will improve their skills in managing people and organizational systems, build their leadership capabilities and become well versed in team building and employee motivation. The program builds knowledge of how business strategy affects organizational interaction with the marketplace and how to structure the workplace to enhance organizational growth and productivity.

In addition to the core curriculum, students who want to specialize in leadership and managing innovation take three discipline-enrichment courses:

- ENTR6606 Creating and Managing Breakthrough Innovation
- MGMT6605 Leadership Development
- MGMT6607 Leading Strategic Change and Sustainability

Marketing Specialization

The MBA in marketing specialization prepares students with a solid foundation in the fundamentals of marketing strategy, consumer behavior and marketing research. Students build on this foundation by selecting from a number of marketing electives in specialized areas. The selection of electives is typically driven by the career goals of the students and include areas such as marketing research, advertising, sales and promotions.

In addition to the core curriculum, students who want to specialize in marketing take three additional marketing courses. Specialization courses in marketing are all offered asynchronously online.

- MKTG6620 Marketing Research
- MKGT6630 Consumer Behavior
- MKTG6640 Foundations of Digital Marketing

Pharmaceutical Management Specialization

The MBA in pharmaceutical management program at Fairleigh Dickinson University excels in integrating academic rigor with real-world experience. By continually building a cohesive "learning culture" with

industry, the MBA in pharmaceutical management provides a curriculum of direct relevance to market realities.

In addition to the core curriculum, students who want a specialization in pharmaceutical management take three pharmaceutical management courses:

- PHAR6601 Health Care Systems and Policy
- PHAR6620 Marketing and Sales of Pharmaceutical Products or

PHAR6630 Management of Pharmaceutical Research and Development

• PHAR6690 Managing Value in Health Care

Supply Chain Management Specialization

For many organizations, effective management of their supply chain and operations is the key to value creation, especially in today's fast-paced and highly global business environment. Employers increasingly seek candidates with skills that will enable their organizations to better manage their supply chains and operations. Whether individuals are starting off in their careers or are looking to make a career transition into supply chain management, a STEM-certified specialization in supply chain management will cover critical aspects of supply chain management and will enable them to take advantage of the growing opportunities in the field.

In addition to the core curriculum, students who want to specialize in supply chain management (STEM-certified) take three additional supply chain management courses:

- DSCI6780 Sustainable and Lean Six Sigma
- DSCI6820 Logistics Management
- DSCI6840 Global Sourcing, Procurement and Negotiations

For Information

SCBGradAdvising@fdu.edu

Back to Top

Business Graduate Certificates

Whether it is to update one's skills or broaden one's knowledge in a new area of expertise, a graduate certificate provides students the opportunity to:

- Revitalize their skills,
- Reposition their résumé and
- Recharge their professional network.

Silberman College of Business offers graduate business certificates in:

- Accounting
- Data Analytics

- Digital Marketing
- Finance
- International Business
- Leadership and Managing Innovation
- Marketing
- Pharmaceutical Management
- Supply Chain Management

Silberman College of Business holds prestigious accreditation by AACSB International — the Association to Advance Collegiate Schools of Business, which recognizes the quality of its faculty, academic programs and resources. Less than a quarter of all U.S. business schools hold this recognition, adding value to a graduate business degree from Fairleigh Dickinson University.

Graduate business certificates are offered through the Silberman College of Business at the Florham Campus, Madison, New Jersey; at the Metropolitan Campus, Teaneck, New Jersey; and online.

Requirements

Students must complete a minimum of 18 credits in the specific discipline area to complete the graduate certificate. Students with a graduate business degree may qualify for course waivers. To request a waiver, students must meet the grade requirements as determined by the course waiver, have taken the course within the last five years and provide a copy of each course syllabus. (See the <u>MBA Waiver Policy and Transfer Credit Policy</u>).

For Information

For curriculum information and other questions, please contact: SCBGradAdvising@fdu.edu

Back to Top

Chemistry MS

The Master of Science (MS) in chemistry provides training for those who wish to advance their careers in research, industry, government service or teaching. In addition to advancing students toward a doctoral program, the program also provides courses of interest to industrial chemists who may already hold advanced degrees.

The program is offered by the department of chemistry, biochemistry and physics, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey, and at the Metropolitan Campus, Teaneck, New Jersey. In addition to full-time faculty, the department draws part-time faculty from local industries, allowing a broader range of offerings.

Admission Requirements

- Graduation from an accredited college or university.
- Satisfactory completion of a minimum of 24 credits in undergraduate chemistry with laboratory work, including physical and organic chemistry, a working knowledge of calculus and one year of physics with laboratory.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years. (The GRE requirement is waived for applicants who have completed a bachelor's degree at an accredited U.S.-based university.)
- Three letters of recommendation.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

Satisfactory completion of a minimum of 30 credits in courses prescribed or approved for the degree of MS in chemistry. Compliance with the minimum course requirements listed below is required.

Chemistry Requirements (18 credits)

Complete 18 credits of 6000 or higher chemistry (CHEM) courses. All courses are 3 credits unless otherwise indicated. Recommended courses include:

- CHEM6673 Physical Organic Chemistry
- <u>CHM6685</u> Pharmacology
- <u>CHEM6752</u> Drug Design and Discovery
- CHEM6781 Biochemistry
- <u>CHEM6801</u> Research and Thesis (1–6 credits)
- <u>CHEM6802</u> Research and Thesis (1–6 credits)
- <u>CHEM6803</u> Thesis Seminar (1 credit)
- <u>CHEM6806</u> Graduate (Nonthesis) Research (0–3 credits)
- CHEM7713 Structural Inorganic Chemistry
- <u>CHEM7753</u> Pharmacokinetics

Graduate Electives (12 credits)

Complete 12 credits selected from any 5000 or higher courses with prefixes BIOL (biology), CHEM (chemistry), COSC (cosmetic science), CSCI (computer science), MATH (mathematics), PHAR (pharmaceutical/chemistry) or PHYS (physics) as approved by an adviser.

Thesis Options (9 credits)

Under the Chemistry Requirements above, complete 9 credits of the following:

- <u>CHEM6801</u> Research and Thesis (1–6 credits)
- <u>CHEM6802</u> Research and Thesis (1–6 credits)
- <u>CHEM6803</u> Thesis Seminar (1 credit)

For Information

James Dougherty, Chair, Chemistry, Biochemistry and Physics Department, Maxwell Becton College of Arts and Sciences

Professor of Chemistry

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Back to Top

Clinical Mental Health Counseling MA

The mission of Fairleigh Dickinson University's clinical mental health counseling (CMHC) program is to prepare culturally competent counselors who are dedicated to the service of the community through the enhancement of the dignity, potential and uniqueness of each individual.

The program is accredited by the Council for the Accreditation of Counseling and Related Programs (CACREP). It prepares highly competent counseling professionals to have a positive impact on their communities by serving as mental health counselors, program directors, researchers and policy makers on the local, state and national levels. Graduates of the program work in a variety of settings, including community agencies, clinics, schools, hospitals, substance-abuse centers, residential-treatment centers, child-protective services and private practice.

The program trains students in fundamental clinical skills, such as conducting intake and assessment interviews, developing treatment plans and counseling interventions and facilitating group therapy. Various theories of human development and counseling will be explained. Unique to FDU's program are courses in psychopharmacology, counseling for sexual issues and the fundamentals of counseling supervision as part of the course of study.

Students are expected to attend school full-time, including two summer semesters. The typical full-time load is four courses per semester, except in the three semesters of practicum and internship, during which students take three courses per semester.

Courses are scheduled in a sequence designed to allow students to develop into skilled and ethical counselors. The knowledge and skills acquired in the first three semesters will be put into practice during the three semesters of clinical work. Students move through the program with other students based on a cohort model. This approach encourages academic camaraderie and long-term professional and personal connections.

The MA in clinical mental health counseling is offered by the School of Psychology and Counseling at the Florham Campus, Madison, New Jersey.

Program Objectives

Graduates of the FDU CMHC program will demonstrate:

- Knowledge of the core-curriculum areas required by the Council for Accreditation of Counseling and Related Educational Programs (CACREP) and the state of New Jersey Professional Counselor Examiners Committee.
- Developmentally appropriate counseling skills.
- Professional dispositions consistent with those necessary for professional counseling.
- Awareness of inequities that affect clients, along with the ability to advocate for social justice and engage in social-justice interventions.
- A professional counselor identity while working in the continuum of care alongside other behavioral health professionals.

Professional Licensure and Certification

Professional licensure requirements vary from state to state and are subject to change. FDU's clinical mental health counseling (CMHC) program meets the educational requirements for licensure as an associate counselor (LAC) and licensed professional counselor (LPC) in New Jersey. It also meets the requirements in most other states, though it is important to visit the state counseling licensure board for states other than New Jersey to assure FDU's program fulfills their requirements.

Admission Requirements

- Graduation from an accredited college or university.
- A minimum grade point ratio (GPR) of 3.00 in the undergraduate major field of study.
- No Graduate Record Examination (GRE) scores required.
- Submission of official undergraduate and graduate transcript(s).
- Submission of three letters of recommendation.
- Completion of a Fairleigh Dickinson Graduate School Application form.
- A written personal statement of professional goals.
- A personal group interview, which will be scheduled after submission of application.

Degree Plan

The MA in clinical mental health counseling is a 60-credit degree program. It meets the educational requirements of the **Professional Counselors Examiners Committee for LAC** and **LPC** in the state of New Jersey and also meets the educational requirements of the CACREP.

The program offers the option of **two additional specializations**. Both the **school counselor** and **addiction** specializations are 63-credit degrees. These are specializations and are not separate certifications.

- <u>COUN7700</u> The Counseling Profession: History and Theories
- COUN7701 Counseling Skills and Practice
- COUN7702 Diagnosis and Treatment Planning in Counseling I
- <u>COUN7703</u> Development Across the Lifespan
- COUN7704 Crisis Intervention
- COUN7705 Group Counseling

- <u>COUN7706</u> Lifestyle and Career Counseling
- COUN7707 Family Systems and Counseling
- COUN7708 Appraisal of Individuals: Assessment and Measurement
- <u>COUN7709</u> Multicultural Counseling
- COUN7710 Behavioral Research
- <u>COUN7711</u> Professional Counselor: Ethical Issues
- COUN7713 Addictions Counseling
- <u>COUN7714</u> Psychopharmacology
- <u>COUN8700</u> Program Planning and Evaluation: Prevention and Education
- <u>COUN8706</u> Counseling: Sexual Issues

Clinical Course Sequence

- COUN9701Practicum
- COUN9702Internship I (300 hours)
- COUN9703Internship II (300 hours)
- COUN9704Internship III

Comprehensive Exam

- COUN9800Fundamentals of Counseling Supervision
- COUN9900Comprehensive Exam

NOTE: Course syllabi available upon request. Email j_wilson@fdu.edu.

Chi Sigma lota

Chi Sigma Iota (CSI) is an international honor society for professional counselors, counselor educators, and students.

For Information

Alwin Wagener, Direct of Clinical Mental Health Counseling Program, School of Psychology and Counseling

Assistant Professor of Clinical Mental Health Counseling

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Back to Top

Clinical Psychology PhD

The PhD in clinical psychology is an <u>American Psychological Association (APA)</u> accredited program and a program member of the Council of University Directors of Clinical Psychology (CUDCP). The program adheres to the scientist/practitioner model of training, and requires a number of clinical and research practica in addition to an extensive course curriculum.

This program highlights are as follows:

- A four-year plus internship full-time program.
- Emphasizes a thorough preparation in theoretical psychology and methodology.
- Has theoretical foundations in personality and psychopathology that are explored prior to behavioral and personality assessment.
- Concurrent with the work in assessment, students begin study of the theory, research and practice of psychotherapy.

The PhD in clinical psychology program is offered by the School of Psychology and Counseling at the Metropolitan Campus, Teaneck, New Jersey. A PhD in clinical psychology with an optional add-on forensic track is also offered.

Admission Requirements

This program is open to applications from those who hold an undergraduate degree in psychology or have taken the required number of psychology credits (18). The requirement of 18 undergraduate credits includes statistics and 15 additional credits, preferably introductory psychology, developmental psychology, experimental psychology and social psychology.

Students enrolled in the clinical psychology program come from diverse ethnic, cultural, individual and experiential backgrounds. Applications are encouraged from those identifying with cultural and/or individual areas of diversity, including (but not limited to) age, disability, ethnicity, gender, gender identity, language, national origin, race, religion, culture, sexual orientation and socioeconomic status.

Acceptance decisions are based on outstanding undergraduate and (where applicable) graduate academic performance, evidence of scholarly activity such as publications and paper presentations, prior work experience, the personal statement and letters of recommendation.

Applications to the PhD program must be submitted by December 15.

To apply to this program, interested students must complete an application through the <u>PSYCAS</u>, the centralized application service for graduate psychology.

This application should be used only to apply for the PhD in clinical psychology. Applications to the PhD program will not be considered complete unless the following requirements are submitted through PSYCAS:

- All official undergraduate and graduate transcripts,
- Three letters of recommendation,
- A personal statement,
- A CV and
- Official Graduate Record Examination (GRE) aptitude and psychology test score reports. The psychology GRE is optional for those who majored in psychology as an undergraduate or attained an advanced degree in psychology.

Degree Plan

All courses are 3 credits except where indicated otherwise.

1st Semester

- **PSYC6112** Clinical Research Methods and Psychometrics
- PSYC6114Psychopathology
- <u>PSYC6116</u> History and Systems
- <u>PSYC6118</u> Computer Application in Statistics Lab (1 credit)
- PSYC6132Developmental Issues in Clinical Psychology
- <u>PSYC6180</u> First-year Practicum I (2–3 credits)

2nd Semester

- <u>PSYC6122</u> Personality Assessment
- **PSYC6133** Intellectual Assessment
- <u>PSYC6160</u> Teaching Seminar (1 credit)
- <u>PSYC6181</u> First-Year Clinical Practicum II: Ethics
- <u>PSYC6624</u> Introduction to Psychotherapy (2–3 credits)
- <u>PSYC7121</u> Cognitive and Behavioral Therapy

3rd Semester

- <u>PSYC7110</u> Research Design and Analysis I
- <u>PSYC7113</u> Psychodynamic Psychotherapy (3–4 credits)
- <u>PSYC7120</u> Diversity issues in Clinical Psychology
- <u>PSYC7180</u> Second-year Practicum I (1–3 credits)
- PSYC_____ Advanced Special Topics in Clinical Psychology (see list below)

4th Semester

- <u>PSYC7111</u> Research Design and Analysis II
- <u>PSYC7125</u> Applied Social Psychology
- <u>PSYC7130</u> Biological Bases of Behavior
- <u>PSYC7181</u> Second-year Practicum II (1–3 credits)
- PSYC_____ Advanced Special Topics in Clinical Psychology (see list below)

5th Semester

- <u>PSYC7133</u> Learning, Cognition and Emotion
- PSYC8129Psychopharmacology
- <u>PSYC8180</u> Third-year Practicum I (1–3 credits)
- PSYC____ Advanced Special Topics in Clinical Psychology (see list below) 2 courses

6th Semester

- <u>PSYC9124</u> Advanced Research Seminar (1 credit)
- <u>PSYC9138</u> Professional Development
- <u>PSYC8181</u> Third-Year Clinical Practicum II
- PSYC____ Advanced Special Topics in Clinical Psychology (see list below) 2 courses

Advanced Special Topics in Clinical Psychology (4 required)

A class will run if there are sufficient enrollment numbers to support it.

- <u>PSYC8114</u> Neuropsychology (offered even years in the fall; open to second- and third-year students)
- <u>PSYC8127</u> Clinical Child Psychology (offeredodd years in the spring; open to second- and thirdyear students)
- <u>PSYC8145</u> Advanced Cognitive Behavioral Therapy (offered in the fall; open to third-year students only)
- PSYC9123Family Therapy (offered even years in the spring; open to second- and third- year students)
- <u>PSYC9143</u> Advanced Psychodynamic Therapy (offered in the spring; open to third-year students only)
- <u>PSYC9145</u> Seminar in Clinical Psychology (offered in the spring; open to third-year students only)
- <u>PSYC9160</u> Advanced Psychological Assessment (offered odd years in the fall; open to secondand third-year students)

Additional Optional Coursework and Independent Studies

- <u>PSYC9112</u> Dissertation Maintenance (Clinical Psychology) (summer)
- <u>PSYC9113</u> Internship (Clinical Psychology) (summer)
- <u>PSYC9116</u> Research Maintenance (summer)
- <u>PSYC9180</u> Fourth-Year Clinical Practicum I (fall)
- <u>PSYC9181</u> Fourth-Year Clinical Practicum II (spring)
- <u>PSYC9280</u> Fifth-Year Clinical Practicum I (fall)
- <u>PSYC9281</u> Fifth-Year Clinical Practicum II (spring)
- <u>PSYC9800</u> Independent Study in Psychology (PhD)

Special Requirements

- First-year Research Practicum
- First-year Clinical Practicum
- Second-year Research Practicum
- Second-year Clinical Practicum
- Second-year Project
- Third-year Research Practicum

- Third-year Clinical Practicum
- Teaching Requirement
- Dissertation Accepted
- Qualifying Examination
- Comprehensive Examination

Internship and Dissertation

Students are required to apply for internship via the national match systemoffered by the Association of Psychology Postdoctoral and Internship Centers (APPIC) and participate in an approved internship. The internship may begin after the student has completed the courses listed under the first six semesters, completed the second-year research project, passed the comprehensive examinations and successfully defended the dissertation proposal. Typically, the dissertation is completed in the fourth year and the internship in the fifth year.

Evaluations

Ongoing annual evaluations of students will be conducted by the faculty using information submitted by practicum-site supervisors, course instructors and research mentors. Students will meet with the program director to receive feedback concerning these evaluations.

Research Practicum

All first-, second- and third-year students participate in a research practicum of ongoing projects supervised by doctoral faculty members. The practicum requires approximately eight to 10 hours a week. Research projects frequently culminate in the publication of articles in psychological journals and paper and poster presentations at various professional meetings, with students in the doctoral program participating as authors and presenters.

For Information

Juliana Lachenmeyer, Director of Clinical Training, School of Psychology and Counseling Professor of Psychology juliana_lachenmeyer@fdu.edu 201-692-2306

Back to Top

Clinical Psychology PhD: Forensic Track

The School of Psychology and Counseling offers an optional add-on forensic track to students in the PhD program who fulfill the following additional requirements:

- Completion of at least one of the required clinical practicums at any point after the first year. This requirement can be satisfied through an NYNJADOT-approved externship or similar placement-meeting requirements of the track.
- Completion of <u>PSYC7230</u> Forensic Assessment and Prediction.
- Completion of a dissertation on a forensic topic.

Research opportunities in forensic psychology are available.

Forensic-track courses may incur additional fees if they increase a student's credit load for a given semester above the allowable flat-fee level of 16.5 credits.

Students coming into the program without a master's degree may incur additional fees for the two courses mentioned above, since they are above and beyond the required courses for the clinical doctoral program.

Completion of the forensic track will be noted on the student's transcript.

The PhD in clinical psychology with a forensic track is offered at the Metropolitan Campus, Teaneck, New Jersey.

For the program's degree plan and requirements go to Clinical Psychology PhD.

For Information

Eleanor McGlinchey, Director of Clinical Training, PhD Program in Clinical Psychology, School of Psychology and Counseling

Associate Professor of Psychology

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Back to Top

Clinical Psychopharmacology MS

The MSin clinical psychopharmacology (postdoctoral) is dedicated to enhancing licensed psychologists' ability to interact and collaborate with other health professionals in the management of patients with mental and behavioral disorders. It is also committed to training psychologists to the level of competence appropriate for independent prescriptive authority. In fact, graduates of the program are currently prescribing in all settings where psychologists have achieved this authority, including Louisiana, New Mexico, Illinois, Iowa, Idaho, the Indian Health Service, the Public Health Service and various branches of the United States military.

The didactic program uses a combination of distance and online teaching methods, emphasizing applied learning via case formulation, to achieve these goals.

The MS in clinical psychopharmacology (postdoctoral) program is offered by the School of Psychology and Counseling online.

The program provides a strong knowledge base in psychopharmacology and medical conditions relevant to the treatment of mental disorders. This knowledge can immediately facilitate the students'

collaborative practice skills. The MS in clinical psychopharmacology program has continuously been an <u>APA-designated program since2010</u> — the first program of its kind to achieve this status. APA designation means the program meets standards for preparing psychologists as prescribers set forth in APA's Designation Criteria for Education and Training Programs in Psychopharmacology for Prescriptive Authority based on the APA <u>Model Education and Training Program in</u> <u>Psychopharmacology for Prescriptive Authority</u>.

The School of Psychologyand Counseling has a long tradition of graduate-level training in psychology that emphasizes the applied, conceptual and scientific components of professional psychology. Among other programs, the school also offers an APA-accredited PhD scientist-practitioner program in clinical psychology, as well as a PsyD program in school psychology.

Program Overview

The MS in clinical psychopharmacology (postdoctoral) program is a primarily distance-based program. This unique approach to student-centered distance learning provides the opportunity to obtain and apply knowledge that is directly relevant to the professional development and learning objectives of the student.

Multiple teaching modalities are employed to create a program combining rigor and flexibility. These modalities include:

- Recorded lectures.
- Use of online resources.
- Online chats and discussion boards.
- Traditional readings.
- Case formulation and presentation.

The didactic portion of the program consists of 10 courses, each specifically designed and developed for doctorally prepared licensed psychologists. After completion of the 10-course sequence, participants are eligible to sit for a comprehensive, in-house, Qualifying Examination. Upon passing the Qualifying Examination and completing an 80-hour physical assessment practicum, the psychologist receives the postdoctoral MS in clinical psychopharmacology, which indicates completion of the didactic experience the APA has developed in preparation for prescriptive authority. Graduates of the master's program are eligible to participate in an elective supervised clinical experience to complete APA's recommended model for independent prescribing practice.

Admission Requirements

The MS in clinical psychopharmacology (postdoctoral) program was developed for individuals licensed at the doctoral level as psychologists. It is a postdoctoral program. It was not designed for and does not admit clinical/counseling psychology predoctoral students. Unlicensed psychologists or licensed health-care providers in another field or at the master's levelshould contact Derek Phillips, executive director, at <u>dphillips@fdu.edu</u> to discuss their options. Psychologists and other health-care professionals who want to take individual courses should also contact the executive director.

To begin courses in the fall term (September), those interested should submit their application through the <u>online graduate admissions portal</u> by July 15. To begin courses in the spring term (January), applications must be submitted by November 15. Beginning courses in September is recommended.

Requirements

• Completed online graduate application.

- Official transcripts from all colleges/universities/college-level coursework attended.
- Current copy of psychologist licensure.
- Current curriculum vitae (Please indicate if a member of a state psychological association and if so, which one. Also indicate if a member of APA Division 18 or 55.).
- Proof of respecialization as a clinician, if applicable.
- Letters of recommendation are not required.

Degree Plan

The MS in clinical psychopharmacology (postdoctoral) program consists of a series of 10 courses specifically designed and developed for psychologists seeking to expand their knowledge of psychopharmacology. A sequence of core courses provides the basic science foundation and knowledge base in pathophysiology, neuroscience and pharmacology for clinical applications. A professional issues course addresses the legal and ethical considerations and related standard of care topics. The didactic program concludes with a series of treatment courses addressing specific categories of mental disorders and the related psychopharmacological issues. These courses provide psychologists with important knowledge of the treatment of mental disorders with medication. A clinical practicum elective is available for those practitioners who desire to practice the management of psychopharmacotherapy in a supervised clinical experience.

In addition to required readings and prerecorded lectures, students participate in online discussions and weekly chats. These chats represent the only weekly requirement that is scheduled. All other activities occur at the convenience of the participant.

The didactic portion of the program is divided into five, 15-week semesters. Two courses are completed each semester. Courses run sequentially to allow participants to focus on one topic at a time.

Courses 1 and 2 (7.5 weeks each)

- <u>PSYC7910</u> Biological Foundations of Psychopharmacological Practice I
- PSYC7915 Biological Foundations of Psychopharmacological Practice II

Course 3 (7.5 weeks)

• <u>PSYC7920</u> Neuroscience

Course 4 (7.5 weeks)

• <u>PSYC7925</u> Neuropharmacology

Course 5 (7.5 weeks)

• **PSYC7930** Clinical Pharmacology

Course 6 (7.5 weeks)

<u>PSYC7935</u> Professional Issues and Practice Management

Courses 7–10

Treatment Issues in Psychopharmacology (7.5 weeks each)

This treatment-focused series of courses provides students with access to virtual clinical experiences through didactic information and case studies addressing specific categories of mental disorders.

- <u>PSYC7940</u> Treatment Issues in Clinical Psychopharmacology: Affective Disorders
- <u>PSYC7945</u> Treatment Issues in Clinical Psychopharmacology: Psychotic Disorders
- <u>PSYC7950</u> Treatment Issues in Clinical Psychopharmacology: Anxiety Disorders
- <u>PSYC7955</u> Treatment Issues in Clinical Psychopharmacology: Other Disorders

The Qualifying Exam

To verify mastery of the material, there is an online Qualifying Exam offered upon completion of the coursework. It is offered twice yearly at no additional cost. Upon passing the Qualifying Exam and completing an 80-hour physical assessment practicum, the student receives the MS in clinical psychopharmacology (postdoctoral) degree.

Clinical Laboratory Course/PEP Preparatory Course

A training experience intended for students who have recently completed the program is offered yearly. Called the Clinical Laboratory, this typically takes place in the summer at FDU, but also may be virtual if need be. The Clinical Lab portion consists of four days of clinical training. Topics addressed include physical exam, medical history taking and interpretation of clinical labs. Completion of the Clinical Lab or a similar experience that the student develops in their local community is a requirement of the FDUPracticum.

The PEP Preparatory Course is designed to prepare the student either for the <u>Psychopharmacology</u> <u>Examination for Psychologists</u> or for the in-house Qualifying Exam. Students can sign up for the Clinical Lab, PEP Prep or both. This experience is not eligible for academic credit.

Clinical PsychopharmacologyPracticum

Practitioners who successfully complete the 10 didactic courses will be eligible to enroll in <u>PSYC7960</u> Clinical Psychopharmacology Practicum. This is part of the supervised clinical experience described in the APA <u>Model Education and Training Program in Psychopharmacology for Prescriptive Authority</u>.

A set of guidelines have been developed for the conduct of the practicum(found in the Supervised Clinical Experience Manual); however, states with their own guidelines for completion of the practicum/supervised clinical experienced take precedence over FDU's guidelines. Passing the Qualifying Exam is not required prior to beginning the practicum.

For Information

Derek Phillips, Executive Director, MS in Clinical Psychopharmacology (Postdoctoral) Program, School of Psychology and Counseling

dphillips@fdu.edu

Back to Top

Coaching Theory and Strategies Graduate Certificate

This 18-credit, six-course certificate program focuses on the skills needed to administer an athletic program on the high-school level. Only New Jersey certified teachers are eligible for the high-school athletic director certificate. The course of study is intended to lead to employment at secondary schools, with an emphasis on athletic curricula. The program fulfills the New Jersey Supervisor Standard certificate requirement. These credits can also be applied to the Master of Sport Management Degree.

The certificate is offered online by the International School of Hospitality, Sports, and Tourism Management.

Requirements

Only New Jersey certified teachers are eligible for the high-school athletic director certificate. All courses are available in online modality.

- EDUC6702 Curriculum and Instruction Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6704 Change: Curriculum Development and Program Improvement
- EDUC6718 Curriculum Program Evaluation and Student Assessment
- MSA6607 Human Resource Administration in Sports Organizations
- MSA6704 Internship I or Individual Job-related Project

For Information

Robyn Lubisco, Director of the Sport Management Program (Florham Campus), International School of Hospitality, Sports, and Tourism Management

Associate Professor of Sport Management

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Jong-Chae (J.C.) Kim, Director of the Sport Management Program (Metropolitan Campus), International School of Hospitality, Sports, and Tourism Management

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Back to Top

Communication MA

The Master of Arts (MA) in communication offers continuing students and returning professionals a theory-based curriculum that incorporates communication principles and practices into applied learning in

cultural, interpersonal, and public contexts. The program emphasizes the development of skills in critical thinking, collaboration, leadership, ethics, interpersonal relations and cultural intelligence, as well as enhancing students' professional writing and presentation skills.

By balancing the study of theory and practice, the MA in communication program is excellent preparation for students looking to enhance their careers with knowledge that will apply directly to their working lives or those interested in pursuing advanced degrees in communication or communication-related disciplines.

The program is designed to give students an opportunity to build communication expertise that is most relevant to and needed across professions. Seven required courses focus on problem-solving, teamwork, writing and editing, research and analysis, oral and written presentation and project management. Three elective or "context" classes show students how this expertise relates directly to specific areas of communication practice, including communication in public relations, international relations, human resources, public service and health-care professions.

The MA in communication is offered by the department of communication, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey.

Admission Requirements

- A bachelor's degree from an accredited college or university.
- A cumulative undergraduate grade point ratio (CGPR) of at least 3.00 on a scale of 4.00.
- An essay articulating the prospective student's goals and expectations and the relationship of those goals and expectations to the program.
- Two recent letters of recommendation.

Students may be admitted to a nonmatriculated or probationary status with full matriculation upon maintaining a minimum CGPR of 3.00 and no grade below B in the first 9 credits.

Who Should Apply?

The MA in communication is of interest to anyone with a professional or academic interest in the role of communication in cultural, interpersonal, and public contexts. For corporate-communication professionals in areas such as public relations, marketing, human resources, investor relations and media relations, the program will enhance strategic communication skills and have direct applicability to their working lives. For others, the program is an opportunity to stretch the mind and gain a qualification which will enhance their current or future careers or serve as preparation for advanced study at the doctoral level. The program welcomes applications from accomplished professionals and recent undergraduates who demonstrate excellent:

- Critical thinking
- Professional work experience
- Writing and presentation skills
- Intellectual curiosity
- Record of academic achievement
- Self-motivation

Applicants with experience in the corporate-communication professions and/or significant educational training in communication, management, psychology, business or other social sciences are given preference.

How to Apply

Applications to the program are reviewed by a committee once an application is completed through Graduate Admissions. See <u>online application process and submission information</u>.

Applicants will be asked to complete the online application and submit undergraduate transcripts; two current letters of recommendation; and an essay articulating the prospective student's goals and expectations and the relationship of those goals and expectations to the program.

Application materials will be reviewed, and further information may be requested such as:

- Professional résumé,
- Writing samples and
- Interview with the director of the MA in communication program.

See additional information regarding the Graduate Admissions process.

Degree Requirements

- Completion of a minimum of 30 credits.
- Completion of the six required courses with a minimum grade of B in all six.
- Students must complete three context courses, one each in the cultural, interpersonal, and public contexts.
- A minimum grade point ratio (GPR) of 3.00.
- Successful completion of the capstone experience.

Degree Plan

Required Courses (18 credits)

- <u>MCOM6001</u> Principles and Practices of Communication
- MCOM6002 Professional Writing and Editing
- <u>MCOM6003</u> Presentation Methods
- <u>MCOM6004</u> Executive Lectures
- MCOM6005 Group Communication and Leadership
- MCOM6006 Research Methods

Context Courses (9 credits)

The following courses will provide students with experience applying principles they learn to communication practices in cultural, interpersonal, and public contexts. Students must take one course in each context.

Cultural

- MCOM7001 Communication, Culture and Change
- MCOM7002 International Communication and Culture (at Wroxton College, England)
- MCOM7003 Communication and Globalization

Interpersonal

• MCOM7101 Communication and Technology

- <u>MCOM7102</u> Narrative Communication
- MCOM7103 Language and Communication

Public

- MCOM7201 PR in the Modern Organization
- MCOM7202 Crisis Communication
- <u>MCOM7203</u> Public Communication

The Global Experience

The MA program offers a unique, intensive, 12-day seminar (MCOM7002 International Communication and Culture) at Wroxton College, Fairleigh Dickinson University's campus in Oxfordshire, England. The seminar includes panel discussion and lectures conducted by recognized international experts from business, academia, politics and the media and offers a unique insight into professional communication experiences in other parts of the world.

Capstone Experience

As part of <u>MCOM6099</u> The Capstone Experience: Principles into Practice, students work with a partner organization and complete a project that addresses a communication need or issue the organization is experiencing. Course assignments guide students through the project management process, utilizing principles and practices from their MA coursework to successfully complete a project in a professional setting.

Students may enroll in <u>MCOM6099</u> only after 18 credits of coursework have been completed, and the student has a grade point ratio (GPR) of 3.00 or higher. Students unable to complete their project within a single semester must have the approval of the course instructor and the graduate program director to be given an Incomplete. In the case that a student receives a grade of Incomplete, the student is expected to complete all outstanding work within the first four weeks of the subsequent semester.

For Information

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Back to Top

Computer Engineering MS

Fairleigh Dickinson University's Master of Science in computer engineeringis designed to train and educate students to work as computer engineers who understand the design tradeoff and the interdependency between hardware and software in computers, computer-based systems, computer

communications and computer networks. Computer-based systems are widely used in data acquisition, signal processing and conditioning, instrumentation, communications, control, automation and manufacturing. The curriculum provides students with design skills, theoretical concepts and a solid foundation in both hardware and software design in an integrated manner, as well as competency in advanced computer technology. The program emphasizes practical applications of computer engineering.

The MS in computer engineering is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey.

Program Outcomes

Graduates of the MS in computer engineering program will demonstrate the following attributes and achievements upon or before graduation:

- An ability to apply advanced knowledge of mathematics, science and engineering.
- An ability to formulate and analyze complex engineering problems, assess trade-offs and solve problems.
- An ability to use numerical analysis techniques, computer-aided analysis and design methods and modern engineering tools.

Admission Requirements

Admission to the MS in computer engineering program requires:

- Applicants must hold a bachelor's degree from an accredited institution in one of the following disciplines:
 - o A STEM discipline with a satisfactory academic record.
 - A non-STEM discipline with an overall cumulative grade point ratio (CGPR) of 3.00 (B) or with other strong indicators (e.g., work experience) of the ability to successfully complete the program.
- Admitted students who graduated with a bachelor's degree in a discipline other than computer engineering or electrical engineering will have to complete some prerequisite courses as determined and required by the program.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years. The GRE may be waived if:
 - The applicant enrolls initially as a nonmatriculating student and completes 9 graduate credits in the degree program with a minimum cumulative grade point ratio (CGPR) of 3.00 (B) and no grade below C.
 - The applicant is a graduate of FDU's computer science, electrical engineering, information technology or closely related programs with an undergraduate CGPR of 3.00 (B).
 - The applicant is a graduate of computer engineering, computer science, electrical engineering, information technology or closely related accredited programs from other institutions with an undergraduate CGPR of 3.33 (B+).
 - The applicant has completed a master's degree from a regionally accredited college or university in the United States or Canada.
- Three letters of recommendation are recommended.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

The number of graduate credits required to attain the MS in computer engineering is 30 credits.

Prerequisite Courses (12 credits)

(Not included in graduation credits)

- <u>CSCI5505</u> Introduction to Computer Programming or its equivalent
- CSCI5557 Data Structures and Algorithms or its equivalent
- EENG2287 Microprocessor System Design I or its equivalent
- ENGR2286 Digital System Design or its equivalent

Core Requirements (12 credits)

- <u>CSCI6603</u> Computer Architecture
- <u>CSCI6620</u> Software Engineering
- EENG7701 Logic System Design
- EENG7709 Embedded Systems

Elective Courses (18 credits)

Choose 6 credits from the following:

- EENG6610 Computer-aided Analysis and Design
- EENG6633 Digital Signaling Processing
- <u>EENG6747</u> Digital Communications
- EENG7702 Microprocessor Design
- <u>EENG7707</u> Neural Networks and Fuzzy Logic Systems
- **<u>EENG7737</u>** Computer Communication Networks

Choose 6 credits from the following:

- <u>CSCI6623</u> Database Systems
- CSCI6638 Operating Systems
- CSCI6738 Cybersecurity
- CSCI7645 Systems Programming
- <u>CSCI7773</u> Digital Image Processing
- CSCI7873 Shell Programming

An additional 6 credits of electrical engineering or computer science courses (6000-level or higher) must be taken.

For Information

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Back to Top

Computer Science MS

The graduate program in computer science prepares students for the direct pursuit of productive careers in industry and for continued graduate study. The program's orientation is toward educating professionals to become leaders in various areas of computer science ranging from software engineering to computer design, and from systems analysis to the management of information systems. The program is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering in collaboration with the department of mathematics and computer science, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey.

The Gildart Haase School of Computer Science and Engineering (GHSCSE) is the overall initiator of the MS in computer science program at FDU and supports the program on both the Florham and Metropolitan campuses. The program requires students to complete the same 15-credit elective coursework. However, GHSCSE offers a broader spectrum of elective courses at the Metropolitan Campus, enabling students to have more options for specialization. The program is offered full-time at the Metropolitan Campus and part-time at the Florham Campus.

Admission Requirements

- Graduation from an accredited college or university with a satisfactory academic record.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years. The GRE may be waived if the applicant
- Enrolls initially as a nonmatriculating student and completes 9 graduate credits in computer science with a minimum grade point ratio (GPR) of 3.00 and no grade below C;
- Is an FDU computer science graduate and has an undergraduate GPR of 3.00
- Is a non-FDU computer science graduate and has an undergraduate GPR of 3.50.

This GRE waiver policy is only applicable to applicants who graduated from a regionally accredited college or university in the United States.

The GRE requirement is waived for applicants who have completed a master's degree from a

regionally accredited college or university in the United States.

• Three letters of recommendation.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

Prerequisites (not included in graduation credits)

- <u>CSCI5505</u> Introduction to Computer Programming
- <u>CSCI5525</u> Introduction to Computer Science
- <u>CSCI5555</u> Data Structures
- <u>CSCI5565</u> Assembly Language

Required Courses (15 credits)

- CSCI6603 Computer Architecture
- <u>CSCI6620</u> Software Engineering
- <u>CSCI6623</u> Database Systems
- <u>CSCI6638</u> Operating Systems (Prerequisite: <u>CSCI6603</u> Computer Architecture)
- <u>CSCI7645</u> Systems Programming (Prerequisite: <u>CSCI6638</u> Operating Systems)

Electives (15 credits)

- CSCI elective courses range from <u>CSCI6617</u> through 8891.
- Up to 6 credits may be taken in non-CSCI prefixed courses in electrical engineering (6000 level or above). Please consult an academic adviser for additional details regarding electives or consult the FDU Graduate Studies Bulletin.
- Students have the option of registering for a 3-credit internship after completing 18 graduate credits. The internship will count as a one-course elective.

For Information

For the Metropolitan and Florham campuses contact:

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For the Florham Campus contact:

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Back to Top

Computer Science MS (Florham)

The graduate program in computer science prepares students for the direct pursuit of productive careers in industry and for continued graduate study. The program's orientation is toward educating professionals to become leaders in various areas of computer science ranging from software engineering to computer design, and from systems analysis to the management of information systems. The program is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering in collaboration with the department of mathematics and computer science, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey.

The Gildart Haase School of Computer Science and Engineering (GHSCSE) is the overall initiator of the MS in computer science program at FDU and supports the program on both the Florham and Metropolitan campuses. The program requires students to complete the same 15-credit elective coursework. However, GHSCSE offers a broader spectrum of elective courses at the Metropolitan Campus, enabling students more options for specialization. The program is offered full-time at the Metropolitan Campus and part-time at the Florham Campus.

Admission Requirements

- Graduation from an accredited college or university with a satisfactory academic record.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years. The GRE may be waived if the applicant
- Enrolls initially as a nonmatriculating student and completes 9 graduate credits in computer science with a minimum grade point ratio (GPR) of 3.00 and no grade below C;
- Is an FDU computer science graduate and has an undergraduate GPR of 3.00
- Is a non-FDU computer science graduate and has an undergraduate GPR of 3.50.
- This GRE waiver policy is only applicable to applicants who graduated from a regionally accredited college or university in the United States.
- The GRE requirement is waived for applicants who have completed a master's degree from a regionally accredited college or university in the United States.
- Three letters of recommendation.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

Prerequisites (not included in graduation credits)

- <u>CSCI5505</u> Introduction to Computer Programming
- <u>CSCI5525</u> Introduction to Computer Science
- <u>CSCI5555</u> Data Structures
- <u>CSCI5565</u> Assembly Language

Required Courses (15 credits)

- CSCI6603 Computer Architecture
- <u>CSCI6620</u> Software Engineering
- <u>CSCI6623</u> Database Systems
- <u>CSCI6638</u> Operating Systems (Prerequisite: <u>CSCI6603</u> Computer Architecture)
- <u>CSCI7645</u> Systems Programming (Prerequisite: <u>CSCI6638</u> Operating Systems)

Electives (15 credits)

- CSCI elective courses range from <u>CSCI6617</u> through 8891.
- Up to 6 credits may be taken in non-CSCI prefixed courses in electrical engineering (6000 level or above). Please consult an academic adviser for additional details regarding electives or consult the *FDU Graduate Studies Bulletin*.
- Students have the option of registering for a 3-credit internship after completing 18 graduate credits. The internship will count as a one-course elective.

For Information

For the Metropolitan and Florham campuses contact:

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For the Florham Campus contact:

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Computer Security Graduate Certificate

The computer security graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey. The objective of the computer security graduate certificate is to provide expertise in hardening computer systems, as well as in establishing information-security policies and business-continuation planning in organizations.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

18 credits (six courses) are to be taken from the following:

- <u>CSCI5525</u> Introduction to Computer Science
- CSCI6731 Computer Networks
- <u>CSCI6869</u> Network Security
- <u>CSCI6873</u> Firewalls and Intrusion Detection Systems
- CSCI7741 Disaster Recovery
- CSCI7783 Information Security

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

Academic Credits

Courses with number 6000 or higher completed through this certificate program can be credited toward the MS in computer science program. Other courses may be substituted with prior approval of the academic adviser.

For Information

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Back to Top

Cosmetic Science MS

To serve the needs of the large population of cosmetic science professionals in the New York metropolitan area, Fairleigh Dickinson University's department of chemistry, biochemistry and physics offers a Master of Science (MS) in cosmetic science.

The first of its kind in New Jersey, the MS in cosmetic science, introduced in 1982, continues to fulfill the needs of those responsible for creating commercial products in the cosmetics, toiletries and fragrance industries. It enables practitioners to learn the latest advances in their field and helps students develop the skills necessary for senior assignments in the cosmetics industry. It is also geared to technologists aspiring to supervisory roles in the laboratory or plant. For those without industrial experience, the degree can launch a career in the cosmetic industry.

The majority of students entering this program have already completed an undergraduate BS degree in an allied science, preferably in chemistry or biology.

The MS in cosmetic science is offered by the department of chemistry, biochemistry and physics, Maxwell Becton College of Arts and Sciences, at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

The credentials required for admission to the MS in cosmetic science as a matriculated student include the following:

- A graduate application for admission.
- A bachelor's degree from an accredited college or university with a degree in allied science biology, chemistry, biochemistry or pharmacy including a two-semester sequence of organic chemistry.
- Submission of Graduate Record Examination (GRE) verbal reasoning, quantitative reasoning and analytical writing scores. The advanced chemistry GRE is not required.
- Three letters of recommendation (i.e. current or former professors, work supervisors or industry professionals).
- Official transcripts from all colleges and universities previously attended. Applicants who are unable to provide official documents at the time of enrollment may register as nonmatriculated students with a graduate faculty adviser.
- Applications for this program are processed on a rolling-admissions basis.

• For applicants whose native language is not English, a minimum score of 550 on the Test of English as a Foreign Language (TOEFL) or equivalent is required.

Program Outcomes

Students completing an MS in cosmetic science shall acquire the ability to:

- Demonstrate solid foundation in cosmetic Science, including: vocabulary, concepts, methods and procedures.
- Develop skills to work independently and with others.
- Develop skills in oral and written modes of communication (including mathematical and graphical).
- Develop a solid foundation for future independent study (lifelong learning).
- Demonstrate qualitative and quantitative critical-reasoning skills.
- Exhibit the ability to use information resources including primary and secondary literature in the field, including web-based resources.

Degree Plan

Required Courses (20 credits)

The courses are 3 credits except where indicated.

- <u>CHEM6526</u> Product Development
- CHEM6529 Microtoxicity and Biochemistry
- COSC6547 Skin Care Raw Materials and Formulations
- COSC6543 Hair Care Raw Materials and Formulations
- <u>COSC6548</u> Cosmetic Science Laboratory (2 credits)
- <u>COSC6753</u> Applied Colloid and Surface Science
- <u>COSC6756</u> Dermal Pharmacology and Immunology

Cosmetic Science Electives (6 credits)

Select two courses from the following:

- **BIOL6728** Bioethics
- <u>CHEM6546</u> Perfumery
- <u>CHEM6773</u> Polymer Chemistry
- CHEM6781 Biochemistry
- <u>COSC6542</u> Claims Substantiation
- <u>COSC6549</u> Color Cosmetics

Graduate Electives (6 credits)

Take 6 additional credits from a 5000-level or higher biology (BIOL), chemistry (CHEM), management (MGMT), marketing (MKTG) or pharmaceutical/chemistry (PHAR).

Students must earn a total of 32 credits with a grade point average of at least 2.75.

For Information

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Back to Top

Creative Writing and Literature for Educators MA

This program provides an integration of disciplines and areas of interest in political science and international affairs. The MA in political science aims to give students a well-rounded education and understanding of the dynamic changes currently taking place in the international community. The degree requires the successful completion of 33 credits — 12 credits of required courses and 21 credits of electives depending on the student's area of interest.

The MA in political science is offered by the department of social sciences and history, Maxwell Becton College of Arts and Sciences, at the Metropolitan Campus, Teaneck, New Jersey.

Program Outcomes

- Research and analytic methods
- Critical thinking skills
- Effective communication skills
- Information and technological literacy
- Ethical and professional behavior

Admission Requirements

Admission to the program is based on an applicant's demonstrated interest, aptitude and motivation to successfully undertake and complete master's-level studies. This will be determined by the following requirements and indicators:

- A bachelor's degree from an accredited college or university
- Official transcripts from all institutions of higher learning attended
- A cumulative undergraduate grade point ratio (GPR) of at least 3.00 on a 4.00 scale
- Performance on the Graduate Record Examination (GRE), which may be waived
- Two letters of recommendation attesting to the applicant's interest and ability to undertake graduate-level studies

- Personalized interviews may be considered by the department's Admission Committee
- Applicants under consideration may be required to submit a research paper that demonstrates their ability for effective writing.

NOTE: Waivers for applicants who do not meet the GPR or standardized GRE test scores will be considered on an individual basis.

Degree Plan

The MA in political science requires successful completion of 33 credits. Students will either research and write a master's thesis or pass a comprehensive exam (<u>POLS6800</u> Graduate Independent Study).

Required Major Courses (12 credits)

The following four courses represent the core curriculum for the MA in political science and are required of all students in the program.

- <u>CRIM6025</u> Social Science Research Methods/Statistics
- POLS6800 Graduate Independent Study
- POLS7820 Models of Political Systems
- POLS7826 Politics of Public Policy

Electives (21 credits)

Students can choose from any of the following courses to fulfill their remaining 21 credits. All electivecourse selections must be made in consultation with an academic adviser. Courses are interdisciplinary, consisting of the political science, history and criminal justice fields, respectively.

- CRIM6010 U.S. Constitution, Public Policy and Criminal Justice
- <u>CRIM6015</u> Research Methods in Criminal Justice and Criminology
- <u>CRIM6020</u> Statistics and Data Analysis
- <u>CRIM7020</u> Ethics, Politics and Justice
- <u>CRIM7025</u> Comparative Criminal Justice Systems
- <u>CRIM7030</u> Principles of Leadership
- <u>CRIM7080</u> Politics and Policies of Criminal Justice
- <u>CRIM7084</u> Transnational Crime and Global Issues
- <u>CRIM7085</u> Advanced Internship in Criminal Justice
- HIST6714 U.S. and the Developing World
- HIST7712 Constitution: Transition
- <u>POLS6682</u> Diplomatic History of the U.S.
- POLS6711 Genocide: American Perspective
- POLS6753 American Culture in a Global Perspective
- POLS6871 U.S. Latin American Relations
- POLS7810 Constitutional Issues/U.S. Foreign Policy
- POLS7815 Nationalism and Its Discontents
- <u>POLS7820</u> Models of Political Systems
- <u>POLS7821</u> Modern Political Theory

- POLS7822 The Character of Revolutionary Movements
- POLS7825 Foreign Policy and Diplomacy
- <u>POLS7830</u> International Organizations
- POLS7831 International Law
- POLS7832 International Problems and Conflict Resolution
- POLS7833 Modern Warfare and Global Stability
- <u>POLS7834</u> Politics of the Global Economy
- POLS7835 Geography and World Politics
- POLS7851 Forces and Issues: Middle East
- <u>POLS7853</u> The New Europe
- POLS7854 Changing Eastern Europe
- POLS7863 Comparative Government: Middle East
- POLS7867 Political and Economic Challenges: Africa
- POLS7868 Terrorism and Insurgency
- <u>POLS7871</u> The Modern Asian State
- POLS7874 Latin America: New Challenges
- POLS7875 Canada, Mexico and U.S.: Perspectives

For Information

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Back to Top

Creative Writing MFA

The Master of Fine Arts (MFA) in creative writing is a low-residency program in which students work closely with published authors who serve as their mentors and teachers. During the two 10-day residencies held each year, students participate in workshops; meet with their mentors, visit writers and fellow students; and attend a variety of other literary events. During the rest of the school year, students work one-on-one with their mentors and participate in workshops online.

The MFA degree is offered in five concentrations — poetry, fiction, creative nonfiction, writing for young adults and children and literary translation. Students are accepted into the concentration in which they expect to study and graduate. The program offers a 60-credit, single-concentration MFA degree, as well as an 88-credit, dual-concentration MFA degree. Alumni (who have graduated from FDU with their MFA in creative writing degree) may return for a certificate in a secondary concentration if they choose.

Starting in 2023, FDU's low-residency MFA program offers students the unique opportunity to be involved in a graduate-student-run online literary magazine. FDU has the only low-residency MFA program that offers students the chance to work on the editorial staff of The Literary Review, FDU's international literary quarterly with an illustrious 60-year history. In addition, the program offers students the opportunity to learn teaching firsthand from a professor in FDU's college writing program. This training helps prepare one to teach composition at the college level.

The residency in Wroxton, England, provides the chance to meet writers from the United Kingdom. Students can explore nearby Oxford and London, while immersing themselves in writing and studying at Wroxton College, FDU's 17th-century Jacobean country mansion.

The MFA in creative writing is offered by the School of the Arts, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey; and at Wroxton College, Oxfordshire, England.

Admission Requirements

Students holding undergraduate degrees from an accredited four-year institution in the U.S. or abroad may apply.

Deadlines

The program admits students year-round, and once they apply, students should receive a decision within four to six weeks.

To be considered for the Mitch and Lynn Baumeister Scholarship, the Ronald J. Doerfler Memorial Scholarship or the Director's Award students must apply by April 1 for the summer residency/fall semester or by November 15 for the winter residency/spring semester.

Though students may not be eligible for awards after the above dates, they may still apply by May 31 for the summer residency/fall semester or by December 1 for the winter residency/spring semester.

Application Process

- If the students are considering financial aid, they should complete a <u>FAFSA</u> online as soon as possible.
- An FDU undergraduate student applying for the BA/MFA in creative writing program must contact the MFA office at writingmfa@fdu.edu.
- All applications require a personal statement and a writing sample, which should be uploaded when completing the online application. Applicants are not evaluated until their writing samples, personal statements and official transcripts have been received.
- Email or mail official undergraduate transcripts to the <u>Graduate Admissions Office</u> at the Florham Campus. They can be sent electronically or by mail. Click <u>here</u> for the email and mailing address.

- Complete the <u>Online Application</u>. When completing the application please note:
 - Graduate Record Examination (GRE) scores are not required.
 - Indicate concentration on the application: fiction, poetry, nonfiction, young adults or translation.
 - Letters of recommendation (personal, professional or academic) are welcome but they are not required.
 - In making admissions decisions, the greatest weight is given to the writing sample.
- Once the online application is submitted, applicants will be prompted to upload any required documents.
 - Personal statement why applicants wish to pursue an MFA and what they hope to gain from the degree.
 - Writing sample in the concentration they are applying to. Other documents such as a résumé or recommendation (in PDF or MS Word format) may be uploaded. Use the following guidelines for writing samples:
 - Fiction or Young Adult and Children's Literature: 15 to 25 double-spaced pages that can include short stories or part of a novel.
 - Creative Nonfiction: 15 to 25 double-spaced pages that may include essays or an excerpt from a memoir.
 - Poetry: Five to seven poems, totaling not more than 150 lines in all.
 - Translation: Following the appropriate prose or poetry guidelines above, include a short sample of the original and a short (paragraph-long) description of the project.
 - Be sure to paginate the document (top right) and include applicant's name on every page.

Degree Plan

The MFA in creative writing program is arranged into modules:

- Two eight-week courses are scheduled every fall and spring semesters
- Residencies (10 days of study on location at the Florham Campus in Madison, New Jersey, and at Wroxton College, England, are scheduled twice a year

New students must begin the program with a residency and take two modules in their first semester. After that, the program is highly flexible. Students have up to five years to complete the degree.

The 60-credit, single-concentration MFA degree requires students to complete eight eight-week modules and three 10-day residencies.

The 88-credit, dual-concentration MFA degree requires students to complete 12 eight-week modules and four 10-day residencies.

Academic work is completed during the writing modules and the residencies. Four writing modules, each eight weeks long, are offered each academic year, two in the spring and two in the fall. Each module is directed by a faculty mentor. In addition to producing their own original creative and critical work, students are expected to actively participate in online writing workshops during each module. Students are expected to devote approximately 25 hours a week to their writing and other academic work for the program. Student work is evaluated on a pass-fail system.

Residencies

The residencies take place each year in late July at the Florham Campus, Madison, New Jersey, and in early January at Wroxton College, England. Students enrolled in the single-concentration MFA must complete a minimum of three residency periods during the course of study. All new students begin the program with a residency.

The residencies offer individual conferences with mentors, group workshops, readings and instruction by visiting writers, presentations by publishing professionals, faculty lectures, student readings and other literary-related activities. There also are several hours of unscheduled time for writing, revision and socializing. Students must attend all scheduled events, as the residency is part of the coursework.

The New Jersey residency includes a travel day (many students travel to Manhattan, N.Y.) and the Wroxton residency includes a travel day when students may visit Oxford and London.

Modules

In both the single-concentration and dual-concentration MFA degrees, students must complete six modules in their primary concentration (including the thesis module), one module in craft as the fifth in their program and one module in an elective in which students work in a genre other than their main concentration. Students taking a dual concentration go on to take four more modules in their secondary concentration, along with one additional residency.

The modules are offered during the semester after each residency, and they run consecutively. Students may only enroll in one module at a time.

The modules require a measure of independence on the student's part and a disciplined writing schedule. In each module, the student will create and revise work under the guidance of a faculty member. By the end of the module, the student will have completed the amount of work specified and agreed upon in a contract with the mentor. Generally, work in any module consists of 1) creative work submitted at three points each module; 2) active, thoughtful, constructive contributions to the online workshop; and 3) two Close Readings/Reviews of relevant texts. Mentors respond to creative work within a week of submission. Other work may be required according to the wishes of the mentor. At the end of the module, the mentor will prepare a final assessment, which evaluates the student's work and progress.

Fiction

The final module in fiction writing is the thesis module that emphasizes compiling and polishing material to be submitted for the MFA thesis — a collection of stories, a novella or part of a novel. Students concentrating in other genres may elect to enroll in fiction writing for their one elective module. As scheduled by the mentor, students must write two short stories or one story and a substantial revision, or equivalent novel chapters during each module.

Poetry

The final module in poetry writing is the thesis module that emphasizes compiling and polishing material to be submitted for the MFA thesis — a collection of poems. Students concentrating in other genres may elect to enroll in poetry writing for their one elective module.

Creative Nonfiction

The final module in creative nonfiction writing is the thesis module that emphasizes compiling and polishing material to be submitted for the MFA thesis — a collection of essays or part of a full-length memoir. Students concentrating in other genres may elect to enroll in creative nonfiction for their one elective module.

Writing for Young Adults and Children

The final module in writing for young adults and children is the thesis module that emphasizes compiling and polishing material to be submitted for the MFA thesis — a collection of stories or part of a full-length

novella or novel. Students concentrating in other genres may elect to enroll in writing for young adults and children for their one elective module.

Literary Translation

The final module in literary translation is the thesis module that emphasizes compiling and polishing material to be submitted for the MFA thesis — a collection of translations (stories, poems or essays); or part of a full-length translation (a novella, novel or memoir). Students concentrating in other genres may elect to enroll in literary translation for their one elective module.

Craft

Students must complete the module in craft for their genre of concentration during the fifth module of their work in the MFA program.

Working closely with a mentor, the student will research and write an essay devoted to craft. The essay on craft must include: 1) a clear presentation of a central idea (or a sufficient articulation of a specific domain of exploration), fluent and correct syntax and a coherent organization; 2) logical thinking grounded in close readings of the texts, and 3) textual substantiation for the ideas put forth. The essay on craft should be (approximately) between 3,500 and 5,000 words. The mentor must approve the topic and approach, but the essay on craft may be an academic essay, a personal reflection on texts, a profile of an author that includes close readings or it may take another form, as long as it meets the above requirements and the mentor approves. Although the craft module does not contain traditional peer-oriented workshops, there will be opportunities for students to share drafts and discuss ideas at the residency and online.

Elective

All students complete one elective module in a genre other than their main concentration. Literary Translation students take two electives, one of which is poetry. For students in dual-concentration program, this elective would be in the secondary concentration.

For Information

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Back to Top

Criminal Justice MA

The Master of Arts (MA) in criminal justice is designed to skillfully integrate theory and practice into a holistic, engaging and challenging course of study that provides students with advanced knowledge and understanding of the United States criminal justice system. Designed to position graduates for success, the program focuses on developing appreciable knowledge and understanding of crime and the criminal justice system, as well as developing discernible skill sets and competencies necessary for pursuing

and/or advancing one's professional career, emphasizing the importance of critical thinking, problemsolving, decision-making, effective communications, social research, and professional development.

The program is offered by the department of criminology and criminal justice, Maxwell Becton College of Arts and Sciences, at the Metropolitan Campus, Teaneck, New Jersey.

Program Outcomes

The program aims to produce graduates with the following skills and qualities:

- Knowledge and understanding
- Critical thinking
- Effective communication
- Information and technological literacy
- Ethical and professional behavior

Admission Requirements

Admission to the program is based on an applicant's demonstrated interest, aptitude and motivation to successfully undertake and complete master's-level studies. This will be determined by the following minimal requirements and indicators:

- A bachelor's degree from an accredited college or university
- Official transcripts from all institutions of higher learning attended
- A cumulative undergraduate grade point ratio (GPR) of at least 3.00 on a 4.00 scale, which may be waived
- Performance on the Graduate Record Examinations (GRE), which may be waived
- A 250- to 500-word personal essay expressing one's interest for applying to the program
- Two letters of recommendation attesting to the applicant's interest and ability to undertake graduate-level studies
- Personalized interviews may be considered by the department's Admission Committee
- Applicants under consideration may be required to complete an abbreviated research paper that demonstrate their ability for effective writing

Waivers for applicants who do not meet the GPR or standardized test scores will be considered on an individual basis.

Degree Plan

The program's core curriculum provides a foundation in the concepts of social order and control, the legal and philosophical principles of the U.S. Constitution, the legislation of criminal laws, the theoretical causality of criminal behavior, crime prevention, the treatment and remediation of criminality, the analysis of society's changing response to crime, the development and influence of public policy on the administration of justice and the scientific methods for conducting social research and statistical analysis.

The 33-credit program can be completed in less than 18 months for full-time students, and 18 to 24 months for part-time students.

Required Courses (15 credits)

• <u>CRIM6000</u> Criminal Justice

- <u>CRIM6005</u> Advanced Criminological Theory
- <u>CRIM6010</u> U.S. Constitution, Public Policy and Criminal Justice
- <u>CRIM6015</u> Research Methods in Criminal Justice and Criminology
- <u>CRIM6020</u> Statistics and Data Analysis

<u>CRIM6000</u> Criminal Justice must be taken within a student's first 3 to 9 credits of graduate courses. It is recommended that students take <u>CRIM6020</u> Statistics and Data Analysis before taking <u>CRIM6015</u> Research Methods in Criminal Justice and Criminology.

Elective Courses (18 credits)

Recognizing students' needs and interests for professional development and acquiring specialized knowledge and understanding, the curriculum provides students the option to select from a wide array of courses in fulfilling 18 credits of the 33-credit program.

Students can choose from any of the following courses in fulfilling the remaining 18 credits. All electivecourse selections must be made in consultation with the academic adviser.

- <u>CRIM6001</u> Terrorism
- <u>CRIM6002</u> Community Violence
- <u>CRIM6030</u> Relationship Violence
- <u>CRIM7020</u> Ethics, Politics and Justice
- <u>CRIM7025</u> Comparative Criminal Justice Systems
- CRIM7030 Principles of Leadership
- <u>CRIM7060</u> Social Justice Advocacy
- <u>CRIM7065</u> Crime, Victimology and Risk Reduction
- <u>CRIM7070</u> Contemporary Issues in Crime and Justice
- CRIM7071 Criminal Profiling
- <u>CRIM7072</u> Contemporary Policing Issues
- <u>CRIM7073</u> Sex Crimes
- <u>CRIM7074</u> Forensic Science and Administration of Justice
- CRIM7080 Politics and Policies of Criminal Justice
- CRIM7081 Civil Rights and Administration of Justice
- <u>CRIM7082</u> Crime and Punishment
- <u>CRIM7083</u> Gender, Crime and Justice
- <u>CRIM7084</u> Transnational Crime and Global Issues
- CRIM7085 Advanced Internship in Criminal Justice
- <u>CRIM7086</u> Religion and Terrorism
- CRIM7087 Sports and Crime
- CRIM7088 Homeland Security
- <u>CRIM7089</u> Race and Criminal Justice
- <u>CRIM7090</u> Professional Development Seminar
- CRIM7800 Independent Studies

For Information

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Back to Top

Cyber and Homeland Security Administration MS

TheMS in cyber and homeland security administration is a 36-credit graduate program that focuses on the practical and theoretical aspects of enforcing and ensuring cyber and homeland security. There is a strong emphasis on leadership throughout the program. The program is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; and at offsite or partner locations.

The goals of the program are to:

- Provide graduate-level studies for the nontraditional student involved in security,
- Support success of the students in the educational process,
- Contribute to the preparation of world citizens through global education and
- Encourage the development of high-quality, applied research for the practitioners in the field of cyber and homeland security.

The program highlights are:

- Offered fully online; in-person and blended options are also offered,
- State-of-the-art Cybersecurity Lab,
- 36-credit graduate program divided into 12 courses,
- Faculty with extensive industry experience and
- Onsite classes offered at multiple New Jersey locations.

Admission Requirements

- <u>Completed online application</u>. There is no fee to apply,
- A bachelor's degree from an accredited college or university with a minimum grade point ratio (GPR) of 2.75 or better,
- Official transcripts,
- Current professional résumé,

- English proficiency test and
- Graduate Management Admission Test (GMAT) or Graduate Record Examinations (GRE) scores areNOTrequired.

Degree Plan

All students will be required to complete four mandatory courses: <u>CHSA7601</u> Cyber/Homeland Security and Constitutional Issues; <u>CHSA7602</u> Research and Policy Analysis; <u>CHSA7603</u> Weapons of Mass Destruction/Terrorism Awareness; and <u>CHSA7604</u> Strategic Planning, Implementation and Evaluation with a thesis, as well as two electives. The program focuses on practical and theoretical aspects of enforcing and ensuring homeland security and includes areas of specialization. Certain areas of specialization have additional course requirements.

Required Courses (16 credits)

All courses are available in online modality.

- CHSA7601 Cyber/Homeland Security and Constitutional Issues
- CHSA7602 Research and Policy Analysis
- <u>CHSA7603</u> Weapons of Mass Destruction (WMD)/Terrorism Awareness
- CHSA7604 Strategic Planning, Implementation and Evaluation

Concentrations

Terrorism and Security Studies Concentration

Select any six courses from the following:

- <u>CHSA6601</u> Terrorism Issues and Implications
- CHSA6602 Computer and Network Security
- <u>CHSA6603</u> Cyber Forensics Issues and Impacts
- CHSA6604 Assessing Internal and External Threats
- CHSA6605 Preparing for Catastrophic Emergencies
- <u>CHSA6606</u> Historical Perspectives of Terrorism
- <u>CHSA6607</u> Border Security: Policies, Actions and Implications
- CHSA6608 Terrorism and Disaster Management
- <u>CHSA6609</u> The Face of Terror
- <u>CHSA6610</u> Bio-terrorism Preparedness and Response

LeadershipConcentration

Select any six courses from the following:

- CHSA6619 Collaborative leadership
- <u>CHSA6620</u> Organizational Leadership
- CHSA6621 Human Resource Management
- CHSA6622 Effective Team Building
- <u>CHSA6623</u> Implementing Organizational Change

- CHSA6624 Effective Decision Making for Organizations
- <u>CHSA6625</u> Organizational Communication
- <u>CHSA6626</u> Resolving Conflicts in Organizations
- CHSA6627 Values and Ethics for Decision Making

Graduate Certificates

Graduate certificates in the following areas are offered:

- Homeland Security Leadership
- Homeland Security Terrorism and Security Studies

For Information

Lorraine Nienstedt, Associate Director, School of Public and Global Affairs niensted@fdu.edu 201-692-7172

Back to Top

Cybersecurity and Information Assurance MS

Demand for trained cybersecurity professionals is high, with the Bureau of Labor Statistics reporting faster-than-average job growth for technology and information security occupations. FDU's Master of Science in cybersecurity and information assurance program prepares students to enter leadership careers in network security administration, secure software development or other related areas in the highly indemand field of cybersecurity and information assurance. The program is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey.

The program's curriculum combines an advanced study of essential industry topics with opportunities for hands-on learning in state-of-the-art labs and cooperative educational experience. Upon graduation, students will be trained cybersecurity professionals and global citizens who can address information assurance issues and solve data-security problems.

FDU is officially designated as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE) institution by National Security Agency and the Department of Homeland Security (DHS). The University is also a member of the Cisco Networking Academy.

Cooperative Education Opportunity

Students in the MS in cybersecurity and information assurance program are encouraged to pursue cooperative educational experience for elective credit. This opportunity allows them to gain practical

work experience in the broad field of cybersecurity and information assurance or work on a cybersecurity and information assurance project under the supervision of a faculty adviser.

The program's cooperative experience gives students real-world skills they can apply in the workplace, linking theory and practice with valuable academic and industrial training. They will get a competitive edge in the job market, developing networking skills and professional contacts as they experience what it's like to work in the cybersecurity field before graduation.

Program Outcomes

FDU's MS in cybersecurity and information assurance program prepares students to:

- Acquire and apply knowledge of computer science, cybersecurity and information-assurance theories to analyze problems, assess trade-offs and develop creative solutions, including programs, computer-based systems and processes.
- Protect the information infrastructure, computer networks and systems and digital data of businesses and local, state and federal agencies.
- Work effectively in teams, communicate with diverse audiences and develop professionally.
- Develop, implement, upgrade, maintain and monitor security systems.
- Understand the impact of IT-related ethical, societal and global issues on individuals, organizations and communities.
- Employ current techniques, modern tools and skills for cybersecurity and information assurance practice.

Admission Requirements

- Applicants must hold a bachelor's degree from an accredited institution in one of the following disciplines:
 - o A STEM discipline with a satisfactory academic record
 - A non-STEM discipline with an overall cumulative grade point ratio (CGPR) of 3.00 (B) or with other strong indicators (e.g., work experience) of the ability to successfully complete the program.
- Admitted students who graduated with a bachelor's degree in a discipline other than cybersecurity will have to complete some prerequisite courses as determined and required by the program.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years. The GRE may be waived if:
 - The applicant enrolls initially as a nonmatriculating student and completes 9 graduate credits in the degree program with a minimum cumulative grade point ratio (CGPR) of 3.00 (B) and no grade below C.
 - The applicant is a graduate of FDU's computer science, electrical engineering, information technology or closely related programs with an undergraduate CGPR of 3.00 (B).
 - The applicant is a graduate of computer science, electrical engineering, information technology or closely related accredited programs from other institutions with an undergraduate CGPR of 3.33 (B+).
 - $\circ~$ The applicant has completed a master's degree from a regionally accredited college or university in the United States or Canada.

• Three letters of recommendation are recommended.

Degree Plan

The MS in cybersecurity and information assurance program provides a curriculum that combines theory with practical application. Students will complete a career-focused study of core-technology topics and pursue electives based on their career goals.

Prerequisite Courses (12 credits)

- CSCI5505 Introduction to Computer Programming or its equivalent
- <u>CSCI5535</u> Survey of Computing Security or its equivalent
- CSCI5557 Data Structures and Algorithms or its equivalent
- CSCI5565 Assembly Language or its equivalent

Additional prerequisite courses may be required if the students did not graduate from science, technology, engineering and mathematics (STEM)-related, baccalaureate-degree programs.

Students must earn a cumulative grade point ratio (CGPR) of at least 2.75 for prerequisite courses if required. Prerequisite courses will be determined through faculty review of students' undergraduate transcripts of records. Students may take no more than 6 credits of regular graduate (core or elective) courses before completing all prerequisites.

Core Requirements (15 credits)

- CSCI6638 Operating Systems
- CSCI6731 Computer Networks
- CSCI6738 Cybersecurity
- CSCI6747 Applied Cryptography
- <u>CSCI6870</u> Penetration Testing and Vulnerability Analysis

Project (3 credits)

• CSCI6807 Cybersecurity and Information Assurance Capstone Project

Electives (12 credits)

Students are encouraged to take three courses from one of the following two focus areas and one course from any other elective as provided below. Students can also take any four courses from the approved electives based on their interests and needs with consultation and approval from an academic adviser.

Network Security AdministrationFocus Area Electives

- CSCI6863 Supply Chain Security and Systems Certification
- CSCI6869 Network Security
- <u>CSCI6873</u> Firewalls and Intrusion Detection Systems

Secure Software DevelopmentFocus Area Electives

- CSCI6620 Software Engineering
- CSCI6836 Computer Algorithms

• <u>CSCI6860</u> Secure Software Development and Analysis

Additional Electives

- <u>CSCI6620</u> Software Engineering
- <u>CSCI6623</u> Database Systems
- CSCI6753 Machine Learning
- CSCI6811 Advanced Special Projects
- CSCI6836 Computer Algorithms
- <u>CSCI6860</u> Secure Software Development and Analysis
- <u>CSCI6863</u> Supply Chain Security and Systems Certification
- <u>CSCI6869</u> Network Security
- <u>CSCI6873</u> Firewalls and Intrusion Detection Systems
- CSCI7783 Information Security
- <u>CSCI7875</u> Linux System Administration
- CSCI8891 Internship/Work Experience

Students must earn a total of 30 credits with a grade point ratio of at least 2.75.

For Information

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Back to Top

Database Administration Graduate Certificate

The database administration graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Florham Campus, Madison, New Jersey, and Metropolitan Campus, Teaneck, New Jersey. The objective of this certificate is to provide expertise in the development, maintenance and supervision of databases.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

18 credits (six courses) are to be taken from the following:

• CSCI5505 Introduction to Computer Programming or

CSCI5525 Introduction to Computer Science

- CSCI6623 Database Systems
- CSCI6882 Data Warehouse and Data Mining
- CSCI7741 Disaster Recovery
- CSCI7781 Advanced Database Systems
- CSCI7783 Information Security
- CSCI7785 Distributed Database Systems

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

Academic Credits

Courses with number 6000 or higher completed through this certificate program can be credited toward the MS in computer science program. Other courses may be substituted with prior approval of the academic adviser.

For Information

Yongming Tang, Associate Director, Computer Science, Information Systems and Mathematics Division, Lee Gildart and Oswald Haase School of Computer Sciences and Engineering

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Back to Top

Digital Marketing MS (Online)

Effective digital engagement is crucial in today's marketplace. At FDU, its online MS in digital marketing equips students with the skills they need to become a leader in the field. With an innovative curriculum that prepares students in a full suite of digital marketing areas, they will gain the comprehensive training they need to complete a digital-marketing portfolio and reach the next level of professional success. The experiential-learning components of each course are designed to prepare students for real-world application.

When they graduate, students will be equipped to advance into any number of roles within the world of digital marketing. Among these include positions in content creation, social media, digital and interactive marketing, creative services, production and operations. It will also help students to gain certification in both Google Analytics and Hootsuite.

Silberman College of Business holds prestigious accreditation by AACSB International — the Association to Advance Collegiate Schools of Business, which recognizes the quality of its faculty, academic programs and resources. Less than a quarter of all U.S. business schools hold this recognition, adding value to a graduate business degree from Fairleigh Dickinson University.

The MS in digital marketing is offered online by the department of marketing, information systems and decision sciences of the Silberman College of Business.

Degree Plan

The online master's in digital marketing is designed to provide expert training and help working adults reach the next stage in their careers. In a community of scholars, FDU helps participants master their abilities through advanced education.

Digital Marketing Core (30 credits)

- MKTG6400 Marketing Decision Making
- MKTG6614 Search Engine Optimization and Advertising
- MKTG6617 Web Analytics
- <u>MKTG6620</u> Marketing Research
- MKTG6630 Consumer Behavior
- MKTG6640 Foundations of Digital Marketing
- <u>MKTG6650</u> Digital Customer Journeys
- MKTG6660 Social Media Marketing
- <u>MKTG6670</u> Mobile Marketing
- <u>MKTG6675</u> Email Marketing Engagement

For Information

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Back to Top

Diplomacy and International Relations Graduate Certificate

Students may earnanofficial certificate indiplomacy and international relationsafter completing any six courses (18 credits) listed for the Master of Arts in global affairs. The certificate is listed on student transcripts, and students receive copy of the certificate for display.

Students may apply for the certificate program only, and later apply the credits toward a Master of Arts in global affairs.

The certificate is offered by the School of Public and Global Affairs at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and at an offsite or partner location.

Requirements

Choose six courses from the following:

To determine the availability of a course in a particularsemester, please check with the academic adviser.

- <u>CHSA6604</u> Assessing Internal and External Threats
- CHSA6607 Border Security: Policies, Actions and Implications
- CHSA6608 Terrorism and Disaster Management
- <u>CHSA6609</u> The Face of Terror
- <u>CHSA6610</u> Bio-terrorism Preparedness and Response
- <u>CHSA6618</u> Emergency Management Policies, Analysis and Implications
- <u>CHSA7603</u> Weapons of Mass Destruction/Terrorism Awareness
- GLOB6006 Social and Behavioral Determinants of Public Health
- <u>GLOB6601</u> Terrorism Issues and Implications
- <u>GLOB6606</u> Historical Perspectives of Terrorism
- GLOB6636 Global Preparedness for Catastrophic Emergencies
- <u>GLOB6659</u> Latin America and Globalization
- GLOB6672 Ethics and Human Rights
- GLOB6686 Global Women's Voices
- GLOB6711 Genocide
- <u>GLOB6801</u> Methods of Political Analysis
- <u>GLOB6816</u> World Heritage Law and Policy
- GLOB6817 E-Politics and Diplomacy
- GLOB6825 Introduction to Diplomacy and International Relations
- <u>GLOB6833</u> Understanding Homelessness
- <u>GLOB6840</u> Thesis or Project
- <u>GLOB6873</u> Seminar on Globalization
- <u>GLOB6874</u> Trafficking in Humans
- <u>GLOB6875</u> Seminar in International Trade

- <u>GLOB6876</u> Comparative Innovation Systems
- GLOB7719 Global Intellectual Property
- GLOB7301 Politics and Practice of Public Health and Health
- <u>GLOB7724</u> Comparative Governmental and Administrative Systems
- GLOB7763 Foreign Policy and Diplomacy
- GLOB7782 Politics of Faith
- GLOB7789 Global Energy System
- <u>GLOB7791</u> Global Health Issues
- GLOB7815 Nationalism and Its Discontents
- <u>GLOB7820</u> Models of Political Systems
- <u>GLOB7821</u> Modern Political Theory
- GLOB7822 The Character of Revolutionary Movements
- <u>GLOB7824</u> Environment/Ecological Economics
- GLOB7826 Climate Policy
- <u>GLOB7830</u> International Organizations
- <u>GLOB7831</u> International Law
- <u>GLOB7832</u> International Problems and Conflict Resolution
- GLOB7833 Modern Warfare and Global Stability
- <u>GLOB7834</u> Politics of the Global Economy
- GLOB7836 UN Peacekeeping Operations
- GLOB7838 Political Leadership and the U.N.
- <u>GLOB7851</u> Forces and Issues: Middle East
- <u>GLOB7856</u> Cities in Crisis
- GLOB7867 Political and Economic Challenges: Africa
- <u>GLOB7868</u> Terrorism and Insurgency
- GLOB7869 Economics of National Security
- <u>GLOB7870</u> International Implications of Middle East Problems
- GLOB7873 Political and Economic Challenges: Asia
- <u>GLOB7874</u> Latin America: New Challenges
- GLOB7902 Rethinking Europe's Future
- MADS6608 Organizational Communication and Conflict Resolution
- MADS6615 Global Leadership
- MADS6617 Emergency Management and Safety Administration
- MADS6628 Building Strategic Partnerships
- MADS6633 GIS and Emergency Administration
- <u>MADS6674</u> Sociological Perspectives of Disaster
- MADS6693 Leading Culturally Diverse Workplaces

- <u>MADS6694</u> New Challenges of Leadership in a Global Society
- MADS6709 ST: Creativity, Change and the 21st-century Leader
- MADS6713 ST: Environmental Response and Reporting Seminar
- PADM7770 Global Administrative Skills

For Information

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Back to Top

Dyslexia Specialist Graduate Certificate

The 30-credit Orton Gillingham Dyslexia Specialist Certificate program is an integral part of the certificates accredited by the International Multisensory Structured Language Education Council (IMSLEC). IMSLEC provides national accreditation to programs that prepare specialists in multisensory structured language education.

The certificate is offered by the Center for Dyslexia Studies of the Peter Sammartino School of Education at the Metropolitan Campus, Teaneck, New Jersey; and at an offsite or partner location.

Requirements

Foundation Courses (12 credits)

- <u>EDUC6610</u> History of Multisensory Instructional Methods for Students with Learning Disabilities/Dyslexia (required)
- EDUC6616Language Acquisitions and Language Disorders (required)
- EDUC6626 Neurophysiological Basis of Learning Problems (required)
- <u>EDUC6740</u> Introduction to Students with Disabilities and Autistic Spectrum Disorders or <u>EDUC6746</u> Learning Environment and EffectiveManagement Teaching and Learning
- <u>EDUC7620</u> Diagnosis of Dyslexia (required)

Specialization Courses (12 credits)

- EDUC6813 Structured Literacy: Students with Reading Difficulties 1
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3
- EDUC7644 Structured Literacy: Students with Reading Difficulties 4

One-credit Workshops

Choose four from the following:

- EDUC6612 Reading Comprehension
- EDUC6613 Written Expression
- EDUC6618 Students with Learning Disabilities: Social and Emotional Issues
- EDUC6624 Orton Gillingham Topics
- EDUC6641 Orton-Gillingham for Resource Center Teaching
- EDUC6648 Assistive Technology for Students with Dyslexia
- EDUC6737 Phonemic Awareness
- EDUC6752 K-4 Literature for Struggling Readers
- <u>EDUC6862</u> Project Read: Reading Comprehension Report Form <u>EDUC6880</u> Teaching Vocabulary to Students with LearningDisabilities

Electives in Reading (2 credits)

For Information

Mary Farrell, Director of Center for Dyslexia Studies, Peter Sammartino School of Education Professor of Education

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Back to Top

E-Commerce Graduate Certificate

The e-commerce graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey. The objective of the e-commerce graduate certificate is to provide expertise in both the business and technological sides of e-commerce: doing business on the Internet. The program participants will learn successful market structures and business models, as well as internet programming on the client and the server sides.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

18 credits (six courses) are to be chosen from the following:

- <u>CSCI5505</u> Introduction to Computer Programming
- <u>CSCI5525</u> Introduction to Computer Science
- CSCI6735 Client Server Computing
- <u>CSCI6758</u> Electronic Commerce
- <u>CSCI6810</u> Java and the Internet
- CSCI6844 Programming for the Internet
- <u>CSCI7795</u> Building Electronic Commerce Systems

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

Academic Credits

Courses with number 6000 or higher completed through this certificate program can be credited toward the MS in electronic commerce program. Other courses may be substituted with prior approval of the academic adviser.

For Information

Yongming Tang, Associate Director, Computer Science, Information Systems and Mathematics Division, Lee Gildart and Oswald Haase School of Computer Sciences and Engineering

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Back to Top

Education for Certified Teachers MA: Bilingual/Bicultural Education Specialist (NJ Certificate)

The bilingual/bicultural education certification program is a 12-credit concentration covering the essential topics of applied linguistics, language acquisition, biliteracy development, pedagogical theory and

teaching methods in content areas in bilingual/bicultural settings. This concentration may be applied toward the 36-credit MA in education for certified teachers degree.

Bilingual certification is a second endorsement on an existing instructional certificate.

The program is fully online and is offered by the Peter Sammartino School of Education. Candidates can complete it from any location in two to three consecutive semesters. Those who are interested in also obtaining their English as a Second Language (ESL) Certificate only need to complete two more courses to obtain both certificates.

Requirements

Bilingual/Bicultural Education Courses (12 credits)

- EDUC6551 Bilingual Language Acquisition
- EDUC6574Applied Linguistics for Language Teachers
- EDUC6599 Methodology and Curriculum of Second Language Acquisition
- EDUC6654Literacy Development for Second-language Learners

The New Jersey Department of Education requires a demonstration of oral and written language proficiency in both English and the second language for bilingual certification. Students meet this requirement by taking the Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WPT) in both English and the second language through Language Testing International.

Additional Coursework for the MA Degree(24 credits)

- EDUC5501 Educational Technologies (1 credit)
- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7674 Master's Seminar: Research in Specialization
- Approved Technology Elective (1 credit)
- Approved Elective (1 credit)
- Approved Elective (3 credits)

For Information

Sora Suh, Coordinator of ESL/Second Language Acquisition Program, Peter Sammartino School of Education

Assistant Professor of Second Language Acquisition

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Back to Top

Education for Certified Teachers MA: Early Childhood Specialist P-3 (2nd NJ Certificate)

The early childhood P–3 specialist certificate program prepares certified teachers for the P–3 endorsement as they learn the latest research and instructional practices in early childhood education.

This 24-credit certification program can also be combined with additional courses in supervision or other topics to complete a 36-credit MA. Graduates can earn two different certificates (P–3 endorsement and a supervisor's license) and increase their professional knowledge and potential for employment. Obtaining a supervisor's license in New Jersey requires candidates to have a master's degree and three successful years of teaching. Presenting a standard teaching certificateora passing score on the appropriate Praxis II exam are requirements of admission.

Courses previously taken for an elementary certificatemaybe used toward the P-3 certification. They may not be used toward the MA in education for certified teachers degree if they were previously part of a completed MA. Transcripts will be reviewed by the program director and the school's certification officer.

The certificate is offered online by the Peter Sammartino School of Education.

Requirements

Courses Required for P–3 Certification (15 credits)

- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- EDUC6818 Language Development and Literacy I
- EDUC6821 Early Elementary Mathematics: Content and Pedagogy
- EDUC6852 Curriculum Development and Assessment for the Preschool to 3rd Grade Classroom
- EDUC6853 Family and Community in Education

Courses Required for MA in Education for Certified Teachers and Recommended for Certification (9 credits) — 24 credits required for certification

- EDUC5501 Educational Technologies
- <u>EDUC6851</u> Child Development from Birth to Age Eight (This requirement for licensure may be waived if candidate took Child Development as an undergraduate course.)
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project
- EDUCXXXX Graduate Elective approved by adviser

Courses to Complete Supervisor License and MA (12 credits)

• EDUC6702Curriculum and Instruction: Theory and Practice

- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership

Courses to Complete Orton Gillingham Track and MA (12 credits)

- EDUC6813 Structured Literacy: Students with Reading Difficulties 1
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3
- EDUC7644 Structured Literacy: Students with Reading Difficulties 4

For Information

Kathryn Spence, Director, Peter Sammartino School of Education Associate Professor of Education <u>kspence@fdu.edu</u> 201-692-2827

Back to Top

Education for Certified Teachers MA: English as a Second Language (ESL)

The online English as a Second Language (ESL) certification program for certified teachers provides a 15-credit concentration that may be applied toward the 36-credit MA in education for certified teachers and includes the 15 credits required by the New Jersey Department of Education for a second New Jersey certification as Teacher of ESL. Upon completing the program, candidates are eligible for state certification to teach ESL in P–12 schools.

This is a fully online program that candidates can complete from any location in three to four consecutive semesters. Candidates who are interested in also obtaining their bilingual/bicultural education specialist certificate only need to complete one more course to obtain both certificates.

The New Jersey Department of Education requires a demonstration of oral- and written-language proficiency in English for ESL certification. Students meet this requirement by taking the Oral Proficiency Interview (OPI) and the Writing Proficiency Test (WPT) in English through<u>Language Testing</u><u>International</u>.

The certificate is offered online by the Peter Sammartino School of Education.

Admission Requirements

- Evidence of a standard or Certificate of Eligibility with Advanced Standing (CEAS) New Jersey teaching certificate;
- Official transcripts of all undergraduate and graduate coursework showing a minimum cumulative grade point ratio (GPR) of 3.00 from an accredited college or university; and
- Two letters of recommendation from individuals familiar with the student's recent professional practice (e.g., supervisor, administrator, teacher, university professor).

Requirements

Required Courses for Second New Jersey Certification ESL (15 credits)

- EDUC6574 Applied Linguistics for Language Teachers
- EDUC6599 Methodology and Curriculum of Second Language Acquisition
- EDUC6631 Assessment in the Second-language Classroom
- EDUC6650 Behavioral Science for Teachers: Language andCulture
- <u>EDUC6654</u> Literacy Development for Second-language Learners

Note: for additional Bilingual Certification, candidates may add

- EDUC6550 Methodology in Bilingual/Bicultural Education
- EDUC6551 Language Acquisition in Bilingual/Bicultural Contexts

Additional Coursework for the MA Degree (21 credits)

All courses are 3 credits except where indicated.

- EDUC5501 Educational Technologies (1 credit)
- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7674 Master's Seminar: Research in Specialization
- Approved Technology Elective (1 credit)
- Approved Elective (1 credit)

For Information

Sora Suh, Coordinator of ESL/Second Language Acquisition Program, Peter Sammartino School of Education

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Education for Certified Teachers MA: Literacy/Reading Specialist (NJ Certificate)

The Literacy/Reading Specialist Certificate is a 33-credit program designed for certified teachers who wish to become reading/literacy specialists and leaders within the K-12 private and public schools and is approved by the New Jersey Department of Education for a second endorsement/certification license: reading specialist and supervisor certificate.

In this program candidates will develop a broad knowledge base in the field of literacy/reading, including: 1) current research and theory regarding language and literacy development; 2) diagnosis and remediation of reading and writing problems; 3) consideration of culturally and linguistically diverse learners; 4) the importance and cultivation of motivation; and 5) curriculum development and supervision of literacy programs.

Upon completion of this program, candidates will be prepared to apply their knowledge of literacy, language and learning to support and advocate for quality literacy instruction that is inclusive of all students, develop and oversee the implementation of curriculum and programs that support diverse learners at all stages of development and enact transformative leadership skills that propel the type of change necessary for equity.

The certificate is offered online by the Peter Sammartino School of Education.

Requirements

Required Courses for Literacy/Reading Specialist Certification

(27 credits)

- EDUC6582 Children's Literature
- EDUC6609 Supervised Practicum in Reading
- EDUC6616 Language Acquisition and Disorders
- EDUC6654 Literacy Development for Second Language Learners
- <u>EDUC6763</u> Theoretical Foundations of Literacy: Theory, Research and Curriculum (indicates course toward New Jersey Supervision Certification)
- EDUC6764 Diagnosis and Correction of Reading Problems
- EDUC6765 Seminar in Reading: Action Research and Leadership
- EDUC6766 Literacy, Language and Culture
- EDUC6767 Multimodal Literacies Across Disciplines

Required Courses for Supervisor Certification (6 credits)

- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6718 Curriculum/Program Evaluation and Student Assessment

For Information

JeanMarie Farrow, Director of Reading Specialist Program, Peter Sammartino School of Education Assistant Professor of Education j.farrow@fdu.edu

Back to Top

Education for Certified Teachers MA: Professional Studies in Education (PROST, FDU certificate)

The professional studies (PROST) MA is for New Jersey provisional teacher candidates and certified teachers who want a generalist master's degree. This program will allow candidates to match their professional goals with the programs offered in the MA in education for certified teachers. Candidates may select from several specializations to fulfill their program requirements.

There are multiple concentrations which will allow the candidate to "sample" various programs for additional certifications. It is highly recommended that candidates who have teaching experience take the Supervisors' sequence. This four-course sequence gives common ground for professional studies. Three years of teaching is required for the Supervisor's license; therefore, it is recommended that candidates have at least two years of teaching experience to begin this portion of the PROST.

In most cases, candidates will complete a) courses required for all pathways (12 credits); b) courses in the Supervisors Track (12 credits); and c) courses selected in one additional concentration (12 credits). Upon advisement, courses can be mixed to total 36 credits for the MA degree.

A faculty adviser will work closely with candidates to monitor their programs and course selections.

The MA is offered online by the Peter Sammartino School of Education and in person at the Metropolitan Campus, Teaneck, New Jersey.

Requirements

Courses Required for All Pathways (12 credits)

- EDUC5501 Educational Technologies
- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- EDUC6931 Diversity, Equity and Justice in Schools and Society

- EDUC7812 Final Project
- EDUCXXXX Graduate Elective as recommended by adviser

Courses Required for Supervisor Certificate (12 credits)

- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership

Candidates may complete 12 credits from one or more of the sections/programs listed below.

Literacy/Reading Specialist Option Without Certificate or State Endorsement

- EDUC6582 Distance Learning: Children's Literature
- <u>EDUC6763</u> Theoretical Foundations of Literacy Theory, Research and Curriculum (This course is a prerequisite/corequisite for all other courses in the program.)
- EDUC6766 Literacy, Language and Culture
- EDUC6767 Multimodal Literacy Across Disciplines

Teacher of Students with Disabilities Option Without Certificate or State Endorsement

- <u>EDUC6740</u> Introduction to Students with Disabilities and Autistic Spectrum Disorders (This course is listed above as a required course for all tracks in the PROST program. It is a prerequisite for all other Teacher of Students with Disabilities courses.)
- EDUC6744 Foundations: Historical, Philosophical and Legal Issues Related to Disabilities
- EDUC6745 Principles and Practices of Collaboration and Inclusion
- EDUC6746 Learning Environment and Effective Management of Teaching and Learning

English as a Second Language Option Without Certificate or State Endorsement

- EDUC6574 Applied Linguistics for Language Teachers
- EDUC6599 Methodology and Curriculum for Second Language Acquisition
- EDUC6631 Assessment in the Second Language Classroom
- EDUC6654 Literacy Development for Second Language Learners

Bilingual Education Option Without Certificate or State Endorsement

- EDUC6551 Language Acquisition in Bilingual/Bicultural Contexts
- EDUC6574 Applied Linguistics for Language Teachers
- EDUC6599 Methodology and Curriculum for Second Language Acquisition

• EDUC6654 Literacy Development for Second Language Learners

Professional Studies Program Requirement

• EDUC7674 Master's Seminar: Research in Specialization

Note: It is possible to obtain a certification in an area such as Instructional Technology, ESL or Teacher Students with Disabilities. Candidates may earn a license or certificate by applying courses completed in the Professional Studies program with the additional requirements as outlined under the various programs. The approval of a faculty adviser is necessary for candidates wishing to pursue this path.

For Information

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Back to Top

Education for Certified Teachers MA: Teacher of Students with Disabilities

The Teacher of Students with Disabilities (TSD) is a nondegree program for licensed regular classroom teachers who seek to develop expertise in working with exceptional students in grades K–12. Candidates who successfully complete this program will be eligible for New Jersey's Department of Education endorsement as Teacher of Students with Disabilities. This license is required for teaching students with disabilities in settingssuch as inclusive classrooms, resource centers or self-contained classrooms.

It is a 21-credit approved New Jersey Certification in TSD as second endorsement, plus 12 credits toward the supervisor license and 3 credits to complete the master's degree.

The TSD program is offered online by the Peter Sammartino School of Education. All program courses are offered fully online though several courses require work in classroom settings and direct interactions with K-12 students.

Requirements

Teacher of Students with Disabilities Courses(21 credits)

- <u>EDUC6740</u> Introduction to Students with Disabilities and Autistic Spectrum Disorders (this is a prerequisite or corequisite for all courses)
- EDUC6744 Foundations: Historical, Philosophical and Legal Issues Related to Disabilities
- EDUC6745 Principles and Practices of Collaboration and Inclusion

- EDUC6746 Learning Environment and Effective Management of Teaching and Learning
- EDUC6747 Multisensory Reading Instruction for Students with Reading Disabilities
- EDUC7623 Diagnosis of Learning Disabilities
- <u>EDUC7624</u> Correction of Learning Disabilities

Courses for MA in Education for Certified Teachers (15 credits)

- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership
- EDUC7674 Master's Seminar: Research in Specialization

For Information

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Back to Top

Educational Leadership MA

The MA in educational leadership program offers training that develop leaders who can guide their schools to pursue excellence and equity as mutually supportive goals. This degree program has been improved to emphasize rigor and access for leadership candidates. Within one year, candidates are eligible for their supervisor certificate. Within two years, they are eligible for their principal certificate. This is a reduced- tuition program.

A faculty adviser will work closely with candidates to monitor their programs and course selections.

The program is offered by the Peter Sammartino School of Education at the Florham Campus, Madison, New Jersey; and at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

All candidates who want to be considered for admission must:

- Submit a formal FDU application to graduate admissions,
- Submit a standard teaching certificate,
- Submit all undergraduate and graduate transcripts from previous university coursework,

- Submit two letters of recommendation and
- Arrange for an interview with an educational leadership adviser.

Program Outcomes

The educational leadership program produces leadership candidates who are:

- Qualified to serve as educational leaders,
- Competent in decision making,
- Caring educational leaders,
- Technologically proficient,
- Culturally responsive to the diverse needs of the learning community in which they work,
- Reflective of what they have learned and what they need to learn and
- Prepared to become certified as administrators.

Degree Plan

Note: The following courses are required for Supervisor's Certification:

- EDUC6702 Curriculum and Instruction: Theory and Practice,
- EDUC6703 Supervision of Instruction: Personnel and Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership

Fall I

- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6717 School Law

Spring I

- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership
- EDUC6760 Community-engaged School Leadership
- EDUC6761 Research-informed School Transformation for School Leaders

Summer I

- EDUC6716 School Finance, Facilities and Scheduling
- EDUC6759 Leading for Equity and Excellence

Fall II

- EDUC5720 Field-based Internship I
- EDUC6720 Field-based Internship Seminar I

Spring II

- EDUC5721 Field-based Internship II
- EDUC6721 Field-based Internship Seminar II

Options

The program has three scheduling options that are meant to maximize access for educators who want to advance their careers.

- Online Asynchronous online plus four synchronous videoconferences.
- Summer Intensive—Nine days (four hours each); two weeks after July 4

Supervisor Certificate

The educational leadership program offers four required courses for students to obtain the state of New Jersey supervisor's certificate. To be eligible for the certificate, the student must have a master's degree (in any area), three years of teaching experience and must have completed the following required courses:

- EDUC6702 Curriculum and Instruction: Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership

Students who do not have an MA may make take these courses in conjunction with various MA programs offered by the School of Education. These four courses are also offered in the MA in education for certified teachers program.

For Information

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Back to Top

Electrical Engineering MSEE

Fairleigh Dickinson University's Master of Science in Electrical Engineering (MSEE) degree program provides students with the comprehensive skills and knowledge they need to pursue a career in one of the most dynamic areas of modern technology. The graduate program prepares students with a broad scientific knowledge, an aptitude in a variety of modern mathematical techniques and the ability to synthesize.

The program is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey.

Program Outcomes

Graduates of the MSEE program will demonstrate thefollowing attributes and achievements upon or before graduation:

- An ability to apply advanced knowledge of mathematics, science and engineering.
- An ability to formulate, analyze and solve complex engineering problems in a specializedarea, such as digital signal processing and communications, computers or devices and systems.
- An ability to use numerical analysis techniques, computer-aided analysis and design methods and modern engineering tools.

Admission Requirements

Admission to the MSEE program requires the following:

- Applicants must hold a bachelor's degree from an accredited institution in one of the following disciplines:
 - $\,\circ\,$ A STEM discipline with a satisfactory academic record.
 - A non-STEM discipline with an overall cumulative grade point ratio (CGPR) of 3.00 (B) or with other strong indicators (e.g., work experience) of the ability to successfully complete the program.
- Admitted students who graduated with a bachelor's degree in a discipline other than electrical engineering will have to complete some prerequisite courses as determined and required by the program.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test, taken within the last five years. The GRE may be waived if:
 - The applicant enrolls initially as a nonmatriculating student and completes 9 graduate credits in the degree program with a minimum cumulative grade point ratio (CGPR) of 3.00 (B) and no grade below C.
 - The applicant is a graduate of FDU's computer science, electrical engineering, information technology or closely related programs with an undergraduate CGPR of 3.00 (B).
 - The applicant is a graduate of computer science, electrical engineering, information technology or closely related accredited programs from other institutions with an undergraduate CGPR of 3.33 (B+).
 - $\circ~$ The applicant has completed a master's degree from a regionally accredited college or university in the United States or Canada.
- Three letters of recommendation are recommended.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

A minimum of 30 graduate credits are required to attain the MSEE degree. All courses are 3 credits.

These are distributed as follows:

- 15 credits of core courses.
- 9 credits of electrical engineering courses from an area of specialization.
- 6 credits of electrical engineering electives. Other science and engineering courses, numbered 6000 or higher, may be taken with the director's permission.
- A thesis is optional: If a student elects <u>EENG7803,EENG7804</u> Research and Thesis, no other elective credits need be taken.

Core Requirements (15 credits)

- <u>EENG6633</u> Digital Signal Processing
- EENG6747 Digital Communications
- EENG7701 Logic System Design
- EENG7709 Embedded Systems
- EENG7725 Automatic Control Systems I

Specialization Elective Courses (9 credits)

Select three courses from the areas of specialization shown. Any course may be selected, although it is recommended that they be in the same area.

Computers Specialization

- <u>EENG6610</u> Computer-aided Analysis and Design
- **EENG7702** Microprocessor Design
- EENG7707 Neural Networks and Fuzzy Logic Systems
- **<u>EENG7737</u>** Computer Communication Networks
- CSCI7773 Digital Image Processing

Devices and Systems Specialization

- EENG6601 Linear Systems I
- <u>EENG7706</u> Robotics Engineering
- **<u>EENG7715</u>** Integrated Circuit Devices
- EENG7755 VLSI Systems
- EENG7775 Optics

Digital Signal Processing and Communications Specialization

- <u>EENG6629</u> Random Processes in Communications
- **EENG7738** Wireless Communication
- <u>EENG7748</u> Advanced Digital Communications
- EENG7753 Applications of Digital Signal Processing
- <u>EENG7852</u> Digital Signal Processing with C and DSP Processors

Additional Elective Courses (6 credits)

Electives may include any graduate electrical engineering courses. Students have the option of registering for a 3-credit internship after completing 18 credits. A 6-credit thesis option is also available in consultation with electrical engineering faculty. Courses in other technical programs such as computer science may be taken with the adviser's permission.

Students must earn a total of 30 credits with a grade point ratio of at least 2.75. All courses are three credits.

For Information

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Professor of Electrical Engineering

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Back to Top

Emergency Management Administration Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

The certificate is offered by the School of Public and Global Affairs at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- MADS6617 Emergency Management and Safety Administration
- MADS6634 Community Threat Assessment and Risk Analysis
- MADS6636Global Preparedness for Catastrophic Emergencies
- MADS6647 Organizational Planning and Risk Communications
- MADS6648 Disaster Recovery and Organizational Continuity

- MADS6698 Current Issues in Terrorism and Security
- MADS6715 ST: Global Terrorism and Emergency Management Preparedness

For Information

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Back to Top

Film MFA

The Master of Fine Arts (MFA) in film is a low-residency program that offers concentrations in cinematography, directing, editing, producing and screenwriting.

All sessions and workshops are led by working film professionals.

MFA film students attend online courses during the fall and spring semesters and attend nine-day residencies in the summer and winter sessions. Semesters encompass two courses taken consecutively. To complete the degree, students attend four residencies and eight online courses. The program can be completed in two years.

The program is offered by the School of the Arts, Maxwell Becton College of Arts and Sciences, at the Florham Campus, Madison, New Jersey, and online.

Admission Requirements

Students holding undergraduate degrees from an accredited four-year institution in the United States or abroad may apply. Applicants should have a cumulative grade point ratio (GPR) of 2.75 or better on a 4.00 scale.

To Apply

- Choose a start date of fall, winter, spring or summer. Complete the FDU Application online.
- Choose from the following concentrations: cinematography, directing, editing, producing or screenwriting.
- Official transcripts should be sent by applicants' colleges to the FDU Graduate Admissions Office.
- Once the application form has been completed and submitted, the system will prompt applicants to upload other required documents.
- Statement of purpose. Applicants write about themselves and why they wish to pursue an MFA in film
- Portfolio or a link to their portfolios. If the portfolio is too large, email <u>gradfilm@fdu.edu</u> for details.
 - Applicants can submit a film work (.mov or QT file), screenplay, stage play or creativewriting document (in PDF or MS Word format). Documents must be paginated, and the

applicant's name should appear on every page). Portfolios may contain live-action film material, screenplays or other written narrative work. Work from other disciplines — animation, playwriting, photography, graphic design or fine arts — may also be submitted.

- Letters of recommendation are welcome, but not required. They can be uploaded to the application or sent to gradfilm@fdu.edu
- Complete the <u>FAFSA (Free Application for Federal Student Aid)</u> for financial aid.

Application Deadlines

- Fall semester Apply by July 15
- Winter residency Apply by November 15
- Spring semester Apply by December 1
- Summer residency Apply by May 15

Students can begin the program with a residency on the Florham Campus, Madison, New Jersey, held in summer or winter or with the fall or spring semester online courses. Applications will be reviewed on a rolling basis.

Admission Decisions

The greatest weight is given to portfolio material, screenwriting samples, completed film projects and to festivals, professional recognition, and employer recommendations. Work-related experience will also be taken into consideration. While admission does not require the undergraduate major to have been in a film-related field, creativity demonstrated while an undergraduate or in professional work environments, will be considered.

Prospective students may also arrange a meeting with the program director to discuss program options and tour the film facilities.

Degree Plan

The degree takes a minimum of two years to complete. Students have up to five years to finish. Four oncampus residencies, eight online courses, and a completed thesis are required for the degree. A total of 60 credits are required to graduate.

Room and board are included in the students' residency fees. Students are responsible for their own travel to and from the residency. For information on tuition, see the <u>Graduate tuition and fees</u> page. The MFA in film tuition is located under the "Per Credit" heading. If there are any questions, email <u>gradfilm@fdu.edu</u>.

Over the course of their studies, students complete four nine-day residencies held at the Florham Campus. The residencies are held twice a year during the summer and winter sessions. All courses (including residencies) are 5 credits each.

• FILM5000 MFA in Film Residency

Two 8-week online courses are run consecutively each semester. In the first semester, students take either the foundational course, <u>FILM7015</u> Story, Cinema and Screen Language, or an "Essentials" course in one of the disciplines the program offers.

Students then go on to take four courses in their area of concentration and choose an additional three "Essentials" courses from the list below:

• FILM6000 Screenwriting Essentials

- <u>FILM6001</u> Producing Essentials
- <u>FILM6002</u> Directing Essentials
- FILM6003 Cinematography Essentials
- <u>FILM6004</u> Editing/Postproduction Essentials

Sample Two-year Sequence

Below is an example of a two-year sequence for a student beginning with a summer residency.

Year One (30 credits)

- Summer on-campus residency
- Fall term
- FILM7015 Story, Cinema and Screen Language (foundation course)
- Essentials course in concentration
- Winter on-campus residency
- Spring term
- Essentials course (choose one)
- Concentration course

Year Two (30 credits)

- Summer on-campus residency
- Fall term
- Essentials course (choose one)
- Concentration course
- Winter on-campus residency
- Spring term
- Essentials course (choose one)
- Concentration course

For Information

Howard Libov, Chair, School of the Arts; Director, MFA in Film, Maxwell Becton College of Arts and Sciences

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Back to Top

Forensic Psychology MA

The MA in forensic psychology program is designed to offer students the maximum possible exposure to the broad field of forensic psychology, while at the same time streamlining a curriculum that allows students to graduate in one-and-a-half years. The primary objectives of the degree are to provide a functional terminal degree for students who wish to prepare for master's-level forensic jobs (e.g., in juvenile/adult courts, correctional settings, law enforcement, research departments or forensic psychiatric settings) and provide a springboard for students interested in pursuing advanced graduate training in forensic psychology. Students complete coursework covering various areas of clinical and forensic psychology. In addition, they gain invaluable clinical experience through the completion of a 300-hour externship placement and have the option to participate in forensic research.

The MA in forensic psychology program is offered by the School of Psychology and Counseling at the Metropolitan Campus, Teaneck, New Jersey.

Program Highlights

- Class sizes are small (10–15 students) in order to create a dynamic and interactive learning experience.
- All applicants accepted to the program will pay a reduced tuition rate of \$650/credit, for a total program cost of \$23,400.
- Students have the option to participate in a weeklong trip to Wroxton College, FDU's campus in England, for a special immersion in British Common Law.
- The Graduate Record Examination (GRE) is*not*required when applying to this program, and there is no application fee.
- Students may be interested in applying for the PhD in clinical psychology, forensic track. Those who attended the MA in forensic psychology program are guaranteed an interview for the PhD in clinical psychology.

Admission Requirements

- Online graduate school application.
- Curriculum vitae.
- A personal statement clearly explaining the students' fit for the program, their interests in forensic psychology and their career goals.
- Unofficial transcript(s) from all institutions attended. Applicants must have completed coursework in introductory psychology, statistics and abnormal psychology. Although there is no minimum grade point ratio (GPR) required, competitive applicants typically have a cumulative GPR of 3.50 or higher. Official transcripts will be submitted at a later date upon acceptance to the program.
- Two letters of recommendation (preferably from professors, although one may be submitted from a supervisor from a practicum, internship or research experience).

To Apply Online

• The deadline for submitting an online application is **March 31**.

- Official transcripts can be sent after acceptance to the program but must be submitted before July 15. Letters of recommendation should be submitted via the online application; alternatively, they can also be sent via email to grad@fdu.edu or mailed to the Graduate Admissions Office.
- There is **no application fee** for applying to the program.

To apply visit: https://www.fdu.edu/admissions/apply-now/

Degree Plan

The MA in forensic psychology is a cohort program, which means all students enter the program in the fall semester and follow a course schedule designed to be taken sequentially. The curriculum consists of 36 credits offered over one-and-a-half years (including one summer session).

Students are required to pass a comprehensive examination and complete a 300-hour externship (practicum) placement. The externship is typically completed during the third (last) semester while students are completing their final 3-credit course in the program (<u>PSYC7234</u> Ethical Issues in Forensic Practice). Although students are only required to pay the equivalent of one 3-credit course for their externship, this field placement typically occupies the time equivalent of four courses (e.g., a minimum of 20 hours per week).

Note: The MA in forensic psychology program is not a licensure program. States differ in their licensure requirements at the master's level.

1st Semester (Fall)

- <u>PSYC6114</u> Psychopathology
- <u>PSYC6121</u> Statistics and Research Methods
- <u>PSYC6230</u> Introduction to Forensic Psychology
- PSYC6231 Psychological Basis of Criminal Behavior

2nd Semester (Spring)

- <u>PSYC6130</u> Forensic Interviewing Techniques
- <u>PSYC6229</u> Psycholegal Analysis of Criminal Cases
- <u>PSYC7235</u> Evaluating Criminal Responsibility and Competency to Stand Trial
- <u>PSYC7230</u> Forensic Evaluation and Assessment

Summer Session

- <u>PSYC6227</u> Clinical Practice in Forensic Context
- <u>PSYC7243</u> Special Topics in Forensic Psychology

NOTE: Students are strongly encouraged, though not required, to enroll in the section of this course that includes a weeklong trip to study in England.

3rd Semester (Fall)

- <u>PSYC7234</u> Ethical Issues in Forensic Practice
- <u>PSYC7240</u> Externship in Forensic Psychology (3-credit course with a required minimum of 300 hours at an external site)

NOTE: A grade of B- or better is required for passing each of the above classes at the graduate level.

Clinical Placements

Students are required to complete a 300-hour clinical placement. Students have completed externships at a range of forensic and clinical sites, including prisons/jails, law-enforcement settings, courts, psychiatric or forensic hospitals, outpatient-treatment programs, private practices and more. They must complete and pass a background check prior to any externship placement and obtain liability insurance. The cost associated with the background check and liability insurance must be covered by the student.

Wroxton Experience

<u>PSYC7243</u> Special Topics in Forensic Psychology includes an optional weeklong trip to Wroxton College, FDU's England campus. Students have the opportunity to study abroad, while also partaking in a number of forensic-related and leisure activities across England.

Research

Students may choose to complete the optional thesis track, although it is not recommended, since a thesis may require extending the duration of the program depending on the progress of the student's project. Thus, the thesis track should *only* be considered by individuals who are serious about pursuing future employment or education (i.e., PhD) requiring research experience. Students who do not choose this track still have opportunities to participate in research, dependent on research-assistant openings within faculty research labs.

For Information

Georgia Winters, Director of MA in Forensic Psychology Program, School of Psychology and Counseling Assistant Professor of Psychology

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Back to Top

General Theoretical Psychology MA

Thegeneral/theoretical programisdesigned to provide preparation for (a) further study at the doctoral level in more specialized substantive areas or (b) careers in industry (e.g., advertising/market research, organizational consulting); government (e.g., program evaluation, criminal justice research); education; or health sectors. The program is expected to take two years to complete for fulltime students, but can be completed on a part-time basis for those working fulltime. Students can be accepted for either the fall or spring semester; there are no application deadlines.

The MA in general/theoretical psychology is offered by the School of Psychology and Counseling at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

General/Theoretical Psychology

- A bachelor's degree from an accredited college or university. Applicants must submit official transcripts from all postsecondary school academic work. (Note: all former undergraduates of Fairleigh Dickinson University must request their official transcripts from their campus Office of Enrollment Services).
- Applicants must have taken (1) general/introductory psychology, (2) statistics and (3) experimental psychology/research methods on either the undergraduate or graduate level or equivalent courses.
- Two letters of recommendation.

Behavioral Research Scholar Track

- A bachelor's degree and official transcript from an accredited college or university. It is recommended that applicants have a 3.25 grade point ratio (GPR) or higher.
- Applicants must submit an official score report for the verbal and quantitative sections of the GRE or the equivalent sections in the GMAT. It is recommended that applicants score at the 50thpercentile or higher in these sections.
- Applicants must have taken general psychology, statistics and experimental psychology/research methods on either the undergraduate or graduate level with grades of "B" or better.
- Three letters of recommendation.

All applicants must submit a graduate studiesapplication and a nonrefundable application fee. When the credentials supporting an application are complete, the applicant may be requested to have a personal interview with the MA program director. Selection for graduate study is based on academic and personal qualifications for graduate study.

Materials can be sent to the Graduate Admissions Office, Fairleigh Dickinson University, 1000 River Road, T-KB-1, Teaneck, NJ 07666. Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

All MA students can tailor their elective courses to fit their areas of interest. The following are example elective concentrations (note, up to 6 credits can be taken outside of psychology).

General/Theoretical Psychology

Core Courses(6 credits)

- <u>PSYC6121</u> Statistics and Research Methods
- <u>PSYC6129</u> Research Methods and Psychometrics

Required Courses(15 credits)

Students, with an adviser's approval, will elect an additional 15 credits (minimum) from the following list of courses. Up to six of these 15 credits may consist of independent research/Master's Thesis Research (which is an option to the Comprehensive Examination – see below). Several courses are offered jointly with the PhD program.

<u>PSYC6109</u> Social Psychological Applications

- <u>PSYC6111</u> Theories of Personality
- <u>PSYC6114</u> Psychopathology
- <u>PSYC6128</u> Computer Applications and Report Writing
- <u>PSYC7122</u> Developmental Psychology
- <u>PSYC7130</u> Biological Bases of Behavior
- <u>PSYC7133</u> Learning, Cognition and Emotion

Electives(partial listing)(15 credits)

Students will elect up to 15 credits fromany 6000- or 7000-level PSYC courses.

Comprehensive Exam

In addition to the course requirements, candidates for the master's degree must meet the following requirements: the Comprehensive Examination may be taken a maximum of three times. Subsequent to an initial failure of the examination, the student must retake the entire examination. If this second examination results in failure, the student must petition the faculty for a third and final opportunity to sit for the exam. This opportunity is contingent upon the student entering into a written agreement, approved by the program director and school director, which specifies a program of remedial studies potentially including formal course audits in areas of deficiency. The individual will be allowed to sit for the third examination only after completion of the agreed remedial program. The final and binding nature of this examination also will be a part of this written agreement.

The graduate program of studies should be completed within a period of five years.

Behavioral Research Scholar Track

Core Courses (18 credits)

- <u>PSYC6122</u> Clinical Research Methods
- <u>PSYC6128</u> Computer Applications and Report Writing
- <u>PSYC7110</u> Statistical Analysis and Design I
- **PSYC7111** Statistical Analysis and Design I
- <u>PSYC7810</u> Master's Thesis Research I
- <u>PSYC7812</u> Master's Thesis Research II

Required Courses (9 credits)

Students, with an adviser's approval, will select a minimum of 9 credits from the following list of courses.

- <u>PSYC6111</u> Theories of Personality
- <u>PSYC6114</u> Psychopathology
- <u>PSYC7122</u> Developmental Psychology
- <u>PSYC7125</u> Applied Social Psychology
- <u>PSYC7130</u> Biological Bases of Behavior
- <u>PSYC7133</u> Learning, Cognition and Emotion

Electives(partial listing) (9 credits)

Students will elect up to 9 credits from the following list of courses.

- <u>PSYC6115</u> Child Psychopathology
- <u>PSYC6130</u> Interviewing Techniques
- <u>PSYC6230</u> Introduction to Forensic Psychology
- PSYC6231 Psychological Bases of Criminal Behavior
- <u>PSYC6624</u> Introduction to Psychotherapy
- <u>PSYC6630</u> Counseling and Interviewing

The graduate program of studies should be completed within a period of five years. Students in the Behavioral Research Scholar Track do not have to take the Comprehensive Examination.

Special Information

- Clinical psychology: students interested in applying for doctoral programs in clinical psychology could take psychopathology, theories of personality, developmental psychology, biological bases of behavior
- Social/consumer psychology: students interested in careers in market research could take applied social psychology along with courses from the Silberman College of Business such as marketing research and consumer behavior
- Organizational psychology: students interested in applying for doctoral programs in industrial/organizational psychology or in obtaining research-related careers in industry could take applied social psychology along with courses from the Silberman College of Business such as organizational behavior and strategic human resource management
- Behavioral research scholar track (BRST). The BRST in the general/theoretical program is a selective, research-focused track for MA students with superior academic qualifications (i.e., GRE scores, undergraduate GPR, research experience). The BRST is differentiated from the standard MA program in that BRST students take the same sequence of research-related courses (research methods and two statistics courses) as students in the clinical PhD program (this option is exclusive to students in the BRST). BRST students are also encouraged to complete a master's thesis. Admission into the BRST is limited to the fall semester only; the application deadline is May 1.

For Information

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Back to Top

General-Theoretical Psychology MA (China)

Fairleigh Dickinson University has partnered with Golden Education to enroll students in the MA in general-theoretical psychology degree program in China. It offers high-quality teaching and provides Chinese students with an online learning experience. The program is focused on individuals who want to better understand the different factors that affect human behavior and apply this knowledge to everyday life (self-understanding, interpersonal relationships, parenting, work-life balance, etc.). Students gain knowledge and understanding of a broad range of topics within the field of psychology and learn basic methodological principles of behavioral science research.

This program prepares students for a variety of careers in industry (e.g., advertising, market research); government (e.g., program evaluation, criminal justice research); education; health sectors; and other organizations that utilize theories and methods of behavioral sciences. This program also prepares students for further study at the doctoral level in more specialized substantive areas of psychology (e.g., clinical psychology, developmental psychology, social psychology, etc.).

The 18-month program is offered online by the School of Psychology and Counseling. An MA in generaltheoretical psychology program is also offered at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

- A bachelor's degree from an accredited college or university. Special consideration may be given to those holding a specialist degree with at least five years of work experience in a related field (e.g., psychology and counseling, education, nursing and health, sales and marketing, management, etc.).
- Applicants must submit official diplomas and/or transcripts from all post-secondary schools.

Program Requirements

12 mandatory courses are shown as follows:

- <u>PSYC6109</u> Social Psychological Applications
- <u>PSYC6111</u> Theories of Personality
- <u>PSYC6121</u> Statistics and Research Methods
- <u>PSYC6129</u> Research Methods and Psychometrics
- <u>PSYC6150</u> Introduction to Psychopathology
- <u>PSYC6230</u> Introduction to Forensic Psychology
- <u>PSYC6520</u> Cognitive and Affective Bases of Behavior
- PSYC6530 Brain and Behavior
- <u>PSYC6601</u> Basic Problems in Psychology
- <u>PSYC6619</u> Development Across the Life Span
- <u>PSYC6620</u> Abnormal Child Psychology
- <u>PSYC6624</u> Introduction to Psychotherapy

The program utilizes a blended learning pattern in that courses include both asynchronous and synchronous components.

Each course will last six weeks. Each week there will be prerecorded lectures along with additional asynchronous work (e.g., readings, assignments, activities, etc.) and a two-hour synchronous meeting (12 hours total synchronous meeting time) on Saturday evening for students.

For Information

Emma (Qi) Zhao, Program Director Golden Education <u>zhaoqi1@gaodun.com</u>

Stephen Armeli, Director, MA in General-Theoretical Psychology (New Jersey), and Co-director, MA in General-Theoretical Psychology (China), School of Psychology and Counseling Professor of Psychology Fairleigh Dickinson University <u>armeli@fdu.edu</u>

Danielle DeNigris, Co-director, MA General-Theoretical Psychology (China), School of Psychology and Counseling Associate Professor of Psychology Fairleigh Dickinson University <u>denida01@fdu.edu</u>

Dan Plaut, International Admissions Counselor, International and Graduate Admissions Fairleigh Dickinson University <u>dplaut@fdu.edu</u>

Back to Top

Global Affairs MA

The Master of Arts in global affairs offers an intensive examination of complex economic, political and social world issues, with in-depth perspectives on today's political and global economy, international problems and conflict resolution.

The program is distinguished by both its faculty and students. Its students come from around the globe, working primarily in consulates or diplomatic missions. In addition to FDU faculty, key professors include former United Nations ambassadors, consuls general and other professionals and academics who hold small, in-person classes.

The MA in global affairs is a 30-credit (10 courses) program of graduate-level coursework held offcampus primarily in consulates and missions to the United Nations in New York City. Students typically take 6 credits per quarter and complete the program in two to three years. Courses begin in September, January, May and July.

The program is tailored to the mobility needs of the diplomatic corps, with progressive stages to complete the MA degree and online courses to accelerate or to complete the program if students are reposted out of the area:

- Diplomado (6 credits) for special cohorts
- Certificate in Diplomacy and International Relations (18 credits)
- Master of Arts in Global Affairs (30 credits)

The MA in global affairs is offered by the School of Public and Global Affairs at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and at an offsite or partner location. The program may be taken from abroad completely online or by live tie-in to the classes in New York City.

Admission Requirements

The credentials required for admission to the MA in globalaffairs as a matriculated student include the following:

- A graduate application for admission.
- A bachelor's degree (or corresponding postsecondary degree) from an accredited college or university with a minimum cumulative grade point ratio (CGPR) of 2.70. Applicants with a CGPR of less than 2.70 may be admitted as nonmatriculated students on probation.
- Official transcripts from all colleges and universities previously attended. Applicants who are unable to provide official documents at the time of enrollment may register as nonmatriculated students with a graduate faculty adviser.

Students who are not in the diplomatic corps, spouses and dependents may also apply, and a number of seats are held for U.S. citizens. Applicants who are not consular or diplomatic personnel must provide the following in addition to the above:

- Two letters of recommendation.
- A cover letter briefly outlining career ambitions. (Spouses or dependents of a consular or diplomatic employee must indicate this in their cover letter.)

International students traveling on F-1 visas must apply to the Master of Public Administration degree with the global affairs specialization (MPA: global affairs) at the Metropolitan Campus, Teaneck, New Jersey. F1 students enrolled in the MPA: global affairs may also take some elective classes with the MA in gobal affairs in summer sessions but only with approval from the program director.

All applications, except those of U.S. domestic students, must be submitted through the International Graduate Admissions <u>application</u>.Contact International Admissions for more instructions at <u>Global@FDU.edu</u>.

U.S. domestic students may apply to the MA in global affairs program using the <u>Graduate</u> <u>Admissions</u> application.

Degree Plan

- Students must complete 30 credits (10 courses) of graduate-level coursework in political science or in sister disciplines, as approved, in history, economics, business, public administration or administrative science.
- Students are strongly encouraged to engage in a thesis and use up to 6 credits to complete it.
- A CGPR of 3.00 on a 4.00 scale is required for graduation. Students who receive more than two grades of C or lower will be dismissed from the program.

DiplomadoSeries

Diplomadosare concentrated topics in global affairs consisting of two 3-credit courses (total 6 credits). The courses may be taken in the same term or sequential terms.Diplomadoscan be applied toward aCertificate in Diplomacy and International Relations(18 credits) and the MA in global affairs program (30 credits).

TheDiplomadoSeries includes:

- Diplomadoin International Law
- Diplomadoin International Organizations
- Diplomadoin International Political Economy (IPE)
- Diplomadoin Transnational Security and Terrorism

The Diplomado Series includes additional topics, online courses and accelerated programs that are available in New York; New Jersey; Vancouver, British Columbia, Canada; Oxfordshire, England; and other locations under special agreement.

Certificate inDiplomacy and International Relations

Students may earna Certificate inDiplomacy and International Relationsafter completing any six courses listed for the MA in global affairs. The certificate is listed on student transcripts and students receivea copy of the certificate for display.

Students may apply for the certificate program only, and later apply the credits toward an MA in global affairs. The certificate is offered by the School of Public and Global Affairs at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and at an offsite or partner location.

Course Offerings

Students may choose from the following courses. To determine availability of a course in a particularsemester, check with the academic adviser.

- <u>CHSA6601</u> Terrorism Issues and Implications
- CHSA6604 Assessing Internal and External Threats
- CHSA6606 Historical Perspectives of Terrorism
- CHSA6607 Border Security: Policies, Actions and Implications
- CHSA6608 Terrorism and Disaster Management
- <u>CHSA6609</u> The Face of Terror
- CHSA6610 Bio-terrorism Preparedness and Response
- CHSA6618 Emergency Management Policies, Analysis, and Implications
- <u>CHSA7603</u> Weapons of Mass Destruction/Terrorism Awareness
- GLOB6801 Methods of Political Analysis
- <u>MADS6608</u> Organizational Communication and Conflict Resolution (Equivalent toPADM7780 Diplomatic Communication for Administrators)
- MADS6615 Global Leadership
- MADS6617 Emergency Management and Safety Administration

- MADS6628 Building Strategic Partnerships
- MADS6633 GIS and Emergency Administration
- <u>MADS6636</u> Global Preparedness for Catastrophic Emergencies (Equivalent toCHSA6605 Preparing for Catastrophic Emergencies)
- MADS6659 Latin America and Globalization
- MADS6672 Ethics and Human Rights
- MADS6674 Sociological Perspectives of Disaster
- MADS6693 Leading Culturally Diverse Workplaces
- MADS6694 New Challenges of Leadership in a Global Society
- MADS6709 Creativity, Change and the 21st-century Leader
- MADS6713 Special Topics: Environmental Response and Reporting Seminar
- <u>MADS6825</u> Introduction to Diplomacy and International Relations
- <u>PADM7724</u> Comparative Government and Administrative Systems (Equivalent to <u>MADS6614</u> Comparative Public, Private and Not-for-Profit Systems)
- PADM7770 Global Administrative Skills
- PADM7789 Global Energy System
- PADM7791 Global Health Issues
- POLS6711 Genocide: American Perspective
- <u>POLS6816</u> World Heritage Law and Policy(Equivalent to <u>PADM6816</u> World Heritage Law and Policy)
- <u>POLS6840</u> Thesis or Project
- <u>POLS6873</u> Seminar on Globalization(Equivalent to <u>MADS6733</u> World Economy on Globalization)
- POLS6874 Trafficking in Humans
- <u>POLS6875</u> Seminar in International Trade
- <u>POLS6876</u> Comparative Innovation Systems
- <u>POLS6877</u> Global Women's Voices (Equivalent toPADM6686 Women in Leadership or <u>MADS6627</u> Women's Leadership in Today's Global World)
- <u>PADM7724</u> Comparative Governmental and Administrative Systems (Equivalent to <u>MADS6614</u> Comparative Public, Private and Not-for-profit Systems and <u>GLOB7724</u> Comparative Governmental and Administrative Systems)
- <u>POLS7815</u> Nationalism and Its Discontents
- POLS7821 Modern Political Theory
- POLS7822The Character of Revolutionary Movements
- <u>POLS7825</u> Foreign Policy and Diplomacy (Equivalent to <u>MADS6828</u> Implications of New U.S. Foreign Policy)
- POLS7827Climate Policy or PADM7826 Climate Policy
- <u>POLS7830</u> International Organizations
- POLS7831 International Law

- <u>POLS7832</u> International Problems and Conflict Resolution(Equivalent to <u>MADS6732</u> International Conflict Resolution)
- POLS7833 Modern Warfare and Global Stability
- POLS7834 Politics of the Global Economy
- POLS7836 UN Peacekeeping Operations (Equivalent to MADS6640 Leading in Times of Crisis)
- <u>POLS7838</u> Political Leadership and the U.N.
- POLS7851 Forces and Issues: Middle East
- POLS7856 Cities in Crisis
- POLS7867 Political and Economic Challenges: Africa
- POLS7868 Terrorism and Insurgency
- POLS7869 Economics of National Security
- POLS7870 International Implications of Middle East Problems
- POLS7873 Political and Economic Challenges: Asia
- <u>POLS7874</u> Latin America: New Challenges
- POLS7902 Rethinking Europe's Future

For Information

Christie Innes, Assistant to the Director, School of Public and Global Affairs ann_innes@fdu.edu

Back to Top

Global Health and Human Services Graduate Certificate

The global health and human services graduate certificate is a 12-credit, four-course certificate that covers the essentials for a balanced administrator and leader in healthcare, human services and related fields.

This certificate is offered by the School of Public and Global Affairs to students enrolled in the Master of Administrative Science degree program at the Vancouver Campus, British Columbia, Canada.

Requirements

Choose four courses from the following:

- MADS6628 Building Strategic Partnerships
- MADS6642 Global Health and Human Services Systems
- <u>MADS6643</u> Community Needs Assessment and Quantitative Analysis for Health and Human Services

- MADS6644 Law, Ethics and Policy for Health and Human Services
- MADS6645 Marketing Social Change
- MADS6646 Finance and Accounting for Health and Human Services
- MADS6647 Organizational Planning and Risk Communications
- MADS6718 ST: Lifestyle Modification for Community Leaders
- MADS6753 Elder Care Law
- MADS6804 Homeless Policy I
- MADS6833 Understanding Homelessness

For Information

Ajay Garg, Associate Director of Master of Administrative Science for Vancouver Campus, School of Public and Global Affairs

Associate Professor of Administrative Science

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Back to Top

Global Transportation Management Graduate Certificate

Students in the Master of Public Administration (MPA) program can be awarded the Global Transportation Management Graduate Certificate before graduation.

This certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; Florham Campus, Madison, New Jersey; online; or at off-campus locations.

Requirements

Students take two foundation courses and four courses in the Global Transportation Management specialization.

Foundation Courses

Each course is 3 credits. Select two courses from the following:

- PADM6600 Public and Nonprofit Management
- PADM6601 Organization Theory
- <u>PADM6602</u> Budgeting and Finance
- <u>PADM6603</u> Public Policy Administration
- PADM6604 Human Resources Management

• PADM6606 Analytic Methods of Decision Making

Specialization Courses

Each course is 3 credits. Select four courses from the following:

- PADM6801 Seminar in Strategic Management (27-credit prerequisite)
- PADM6812 Political Environment of Public Administration
- PADM7714 Legal Environment of Public Administration
- PADM7721 Urban Planning for Administrators
- PADM7749 Development of Global Transportation Systems
- PADM7753 Issues of Security and Transportation Systems
- <u>PADM7769</u> Aviation Management and Operations
- PADM7771 US Transportation Systems and Impact on American Society
- PADM7772 Environmental and Sociologic Aspects of Global Transportation
- PADM7774 Infrastructure
- PADM7789 Global Energy System
- PADM7810 Airport Operations Management
- PADM7856 Cities in Crisis

For Information

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Back to Top

Global Leadership and Administration Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

This 18-credit, six-course graduate certificate is especially designed for leaders and administrators of worldwide organizations. These credits can also be applied to the Master of Administrative Science degree program.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- <u>MADS6600</u> Theory and Practice of Administration (National Guard Bureau-approved online course)
- <u>MADS6606</u> Administrative Leadership in Complex Organizations
- <u>MADS6609</u> Productivity and Human Performance (National Guard Bureau-approved online course)
- <u>MADS6610</u> Organizational Decision Making
- MADS6615 Global Leadership
- MADS6618 Leadership Plus (National Guard Bureau-approved online course)
- MADS6627 Women's Leadership in Today's Global World
- MADS6653 Global Citizenship Seminar
- MADS6658 Leadership: Global Advanced Scholarship/Practice
- MADS6661 Managing Organizational Change
- MADS6675 Optimum Leadership
- MADS6706 Collaborative Leadership
- MADS6709 Special Topics: Creativity, Change and the 21st-century Leaders
- MADS6731 Executive Communication as a Leadership Tool

For Information

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Back to Top

Global Security and Terrorism Studies Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

The Post 9/11 world recognizes that modern leaders all play an important part in ensuring the security of their personnel, their organization and the public at large. To enhance their security skills it is important to have a greater understanding of the nature of the threat of domestic and transnational terrorism. This 18-credit, six-course certificate provides a balance of courses employing action steps organizational managers can take to enhance their security capabilities.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- <u>MADS6617</u> Emergency Management and Safety Administration (National Guard Bureauapproved online course)
- <u>MADS6634</u> Community Threat Assessment and Risk Analysis (National Guard Bureau-approved online course)
- <u>MADS6636</u> Global Preparedness for Catastrophic Emergencies (National Guard Bureauapproved online course)
- <u>MADS6648</u> Disaster Recovery and Organizational Continuity (National Guard Bureau-approved online course)
- MADS6698 Current Issues in Terrorism and Security
- MADS6701 Introduction to Computer Network Security
- MADS6705 Homeland Security and Constitutional Issues
- MADS6715 ST: Global Terrorism and Emergency Management Preparedness

For Information

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Back to Top

Health Science MHS

The Master of Health Science (MHS) is a 31-credit blended-degree program (combining online and inperson coursework) designed with specialized tracks allowing students unique opportunities for career development and advancement.

All students obtaining the MHS complete a health science core consisting of coursework around the legal, ethical, managerial and public-health issues facing all aspects of health care. Following the completion of the core curriculum, students will have the option to pursue one track.

The specially designed tracks provide focused expertise in the areas of **clinical research administration** or **regulatory science**. Students in these specialized tracks will complete advanced and specialized coursework inpreparation for future careers in the pharmaceutical industry, regulatory affairs, health outcomes and health-care delivery. Courses in these tracks will be offered in person, with options for online and health-science hybrid course models being introduced as appropriate.

The program is offered by the School of Pharmacy and Health Sciences at the Florham Campus, Madison, New Jersey.

Admission Requirements

A bachelor of science degree with a minimum grade point ratio (GPR) of 3.00 is recommended.

The Graduate Record Examinations (GRE) is recommended but not required. Other standardized tests such as the Pharmacy College Admission Test (PCAT), Medical College Admission Test (MCAT) and Dental Admissions Test (DAT) may be considered as well. The application package must include:

- A completed FDU Graduate Admissions Application;
- Official undergraduate and graduate transcripts from all colleges and universities attended;
- Two letters of recommendation (from a professor, employer or professional in the field familiar with the student's strengths and abilities);
- Official test scores from one of the following standardized exams: GRE, PCAT, MCAT or DAT (if applicable);
- Personal statement; and
- Résumé or curriculum vitae.

Applicants who have not completed all the requirements for admission to the degree program may be permitted to enroll in classes for credit on a conditional/probationary or nondegree basis.

Degree Plan

Health Science Core Required Courses

All courses are 3 credits except where indicated.

- HSCI8806 Project Management
- HSCI8811 Ethics of Health Care Research (2 credits)
- <u>PHAR6601</u> Health Care Systems and Policy
- <u>PUBH6002</u> Introduction to Statistics and Data Analysis
- <u>PUBH6004</u> Fundamentals of Epidemiology

Clinical Research Administration Track

As the health-care industry pushes forward into new areas of research, the need for scientists with the ability to conduct rigorous, ethically grounded and credible research will continue to grow. This program provides training in the basic principles of clinical research — analyzing data, interpreting medical literature and communicating results — and the overall management of clinical drug, biological and medical-device trials.

The MHS in clinical research administration is a 31-credit program (inclusive of the 10 hours of required MHS core credits) that will produce graduates with a wide array of knowledge encompassing various approaches to evidence generation, translation and application. Objectives for the clinical research track are drawn from competencies established by the Agency for Healthcare Research and Quality (AHRQ) for clinical research. Upon completion of the program students will be able to:

- Discern the knowledge and skill-sets available from clinical research approaches needed to address specific health-care issues and problems.
- Synthesize meaningful, relevant and important research questions that address important healthcare and public-health problems that can be informed by systematic reviews of the literature, needs assessment and relevant theory and concepts.

- Select appropriate interventional, quasi-experimental or observational study designs to address specific clinical research questions.
- Collect primary health and health-care data obtained by survey, qualitative or mixed methods, as well as assemble and integrate secondary data from existing public and private sources.
- Defend the ethical and responsible design, implementation and analysis of specific clinical research programs.
- Select the appropriate analytical methods to clarify associations between variables and to discern causal inferences.
- Design, construct and deliver written and verbal communication about the findings and implications of particular clinical research programs for both professional and lay audiences.

Many of the graduates will likely also have PharmD degrees or degrees in other clinical or life sciences to bring a knowledge and understanding in therapeutics and health-care delivery to their clinical research course of studies. Graduates will be highly skilled, marketable scientists who can apply their knowledge and skills in an array of health-care areas conducting or benefiting from clinical research.

Clinical Research Administration Requirements

All courses are 3 credits each.

- <u>CLIN7104</u> Clinical Research Administration Capstone
- <u>CLIN8812</u> Clinical Trial Research Administration
- CLIN8821 Regulatory Compliance for Pharmaceuticals
- HSCI7810 Clinical Trial Design and Regulatory Requirements
- HSCI8810 Medical and Clinical Report Writing
- HSCI8822 U.S. Regulatory New Drug Application and Submission and Dossier Preparation

Regulatory Science Track

The primary goal of this degree track is to prepare students for significant roles in government agencies, pharmaceutical and biotechnological industries, health-care provider organizations and other sectors of the health-care industry where compliance and regulation are crucial. The track will allow students to develop a comprehensive understanding of the protocols, procedures, statistical analysis, assessment of risk/benefit, documentation and legal and ethical concerns that play a critical role in the day-to-day responsibilities of the field.

The MHS regulatory science track is a 31-credit program (inclusive of the 10 hours of required MHS core credits) designed for preprofessional students who are seeking further specialization in regulatory sciences and for working health-care professionals who are looking to enhance their standing within this growing and evolving field of study.

Educational programming will provide students with:

- A working understanding of regulatory history and theory,
- Federal and state regulatory structures relevant to health-care products and professional practices,
- Regulatory compliance methods in the health-care industry,
- Health-care product patent-licensing processes and
- Common research methods used in supporting product-licensing applications.

Upon completion of this program, students will be able to:

- Demonstrate the constituent elements of federal and state regulations,
- Compare and contrast the governmental regulatory approaches,
- Generate statistical analyses,
- Evaluate regulatory applications,
- Discern financial implications of research data,
- Detect legal and regulatory requirements,
- Identify conflicting regulations and
- Identify gaps in regulatory processes.

Regulatory Science Requirements

All courses are 3 credits each.

- HSCI7810Clinical Trial Design and Regulatory Requirements
- HSCI8810Medical and Clinical Report Writing
- HSCI8822U.S. Regulatory New Drug Application and Submission and Dossier Preparation
- REGS7104Regulatory Affairs Capstone
- REGS8812Clinical Trial Research Administration
- REGS8821Regulatory Compliance for Pharmaceuticals

For Information

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Back to Top

Healthcare Administration MHA

The Master of Healthcare Administration (MHA) is designed for individuals working in the healthcare industry who wish to advance their careers in administration to become directors, senior managers or chief officers.

The MHA program was developed in consultation with and is taught by leaders and industry partners in the field of healthcare management. The program focuses on both practical and theoretical aspects of healthcare administration, including law, ethics and policy for health and human services; finance and accounting; organizational and risk communications; technology; and human resources.

The program is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey, and at various healthcare facilities in New Jersey. Its traditional weeknight program is

offered at the Metropolitan Campus and in all modalities including Zoom, asynchronous online and hybrid.

Program Goals

- Provide master's-level studies for working adults in preparation for or to advance in healthcare administration;
- Develop leadership skills essential for healthcare administration;
- Establish a strong intellectual foundation in the core areas of healthcare administration;
- Expose students to current topics within the field of healthcare administration;
- Develop research abilities and analytical skills;
- Provide an immersive experience; and
- Encourage the development of innovative best practices.

The MHA program is enriched with a project-based curriculum. The project-based coursework emphasizes group work, problem-solving and building a portfolio of accomplishments. It integrates accomplished practitioners with accomplished academics to give students the best of both worlds. Students are asked to work together to offer recommendations, map solutions and collaborate on research.

Student Learning Outcomes

- Communication Interpret, analyze and summarize key information which students will portray in oral and written form using style, grammar, mechanics and format appropriate to the audience.
- Critical Thinking Critique, evaluate and apply theory to interpret and explain events and issues.
- Information Literacy Source, evaluate, analyze and classify information from traditional print, digital and internet sources to explain events or to prescribe recommendations.
- Strategic Orientation Collaborate with others to dissect and interpret internal and external factors, devise potential solutions or opportunities and formulate strategic recommendations.

Admission Requirements

Students are expected to be employed by a healthcare organization in the broad continuum of healthcare, but individuals wishing to transition to the healthcare industry are also welcome to apply. For the latter, students must complete an approved internship in a healthcare facility, which increases the length of the program to 39 credits.

The credentials required for admission to the Master of Healthcare Administration (MHA) degree program as a matriculated student include the following:

- A graduate application for admission.
- A bachelor's degree from an accredited college or university with a minimum cumulative grade point ratio (CGPR) of 2.75. Applicants with a CGPR of less than 2.75 may be admitted as matriculated students on probation.
- Official transcripts from all colleges and universities previously attended. Applicants who are unable to provide official documents at the time of enrollment may register as nonmatriculated students with a graduate faculty adviser.

• A résumé or CV demonstrating experience in the continuum of healthcare management.

Degree Plan

The MHA degree is granted for 36 to 39 credits, of which at least 30 credits must be taken at Fairleigh Dickinson University. The 39-credit total must contain:

Required Foundation Courses (15 credits)

- MHCA6701 Quantitative Methods for Health Administration
- MHCA6702 Introduction to Health Systems and Policy
- MHCA6703 Finance and Accounting for Health and Human Services
- <u>MHCA6704</u> Organizational and Risk Communications
- <u>MHCA6705</u> Human Resource Administration

Required Capstone Course (3 credits)

• <u>MHCA6706</u> Capstone Course — Strategic Planning in Healthcare

Internship or Independent Study (3 credits)

Required only for students without professional healthcare experience.

• MHCA6707 Healthcare Internship

Electives Courses and Specializations (18 credits)

Students should select 6 additional elective courses from the following. Students may also select a related graduate course in business, public health or health science with prior approval in writing by an adviser.

Students are encouraged to combine electives into a concentration, which has the benefit of earning credentials along the path of their master's program and specializing their skills, as well as integrating their perspectives of the field of healthcare.

Students may specialize within the MHA by taking at least 4 of their 6 electives in:

Finance

- MHCA6607 Grants and Sponsored Projects Operations
- MHCA6615 Finance Internship
- MHCA6621 Health Quality and Outcomes Management
- MHCA6622 Corporate Finance
- MHCA6703 Finance and Accounting for Health and Human Services

Human Resource Leadership

- <u>MHCA6601</u> Organizational Theory
- <u>MHCA6604</u> Organizational Performance Assessment
- MHCA6605 Relational Leadership
- MHCA6625 Collective Bargaining and Contract Administration
- <u>MHCA6704</u> Organizational and Risk Communications

• MHCA6705 Human Resource Administration

Logistics

- MHCA6617 Project Management
- MHCA6618 Introduction to Supply Chain Management
- MHCA6619 Supply Chain Technologies
- MHCA6620 Sustainable and Lean Six Sigma

Public Health

- <u>MHCA6603</u> Community Needs Assessment and Qualitative Analysis for Health and Human Services
- MHCA6612 Social and Behavioral Determinants of Health
- MHCA6614 Health Disparities and Cultural Issues
- MHCA6616 Social and Economic Determinants of Health
- MHCA6701 Quantitative Methods for Health Administration

Public Policy and Administration

- MHCA6606 Elder Care Law
- <u>MHCA6610</u> Global Health Issues
- MHCA6613 Politics of Healthcare
- MHCA6623 Public Policy Research
- MHCA6624 Integrated Health Care Systems
- MHCA6626 Regulatory Compliance for Healthcare Providers
- MHCA6702 Introduction to Health Systems and Policy

General Electives (No Specialization)

- MCHA6601 Organizational Theory
- <u>MHCA6602</u> Global Health and Human Services Systems
- <u>MHCA6603</u> Community Needs Assessment and Qualitative Analysis for Health and Human Services
- <u>MHCA6604</u> Organizational Performance Assessment
- MHCA6605 Relational Leadership
- MHCA6606 Elder Care Law
- MHCA6607 Grants and Sponsored Projects Operations
- MHCA6608 Health Care Project Management
- MHCA6609 Managing the Continuum of Care
- <u>MHCA6610</u> Global Health Issues
- <u>MHCA6611</u> Comparative Health Systems
- MHCA6612 Social and Behavioral Determinants of Health
- MHCA6613 Politics of Healthcare

- MHCA6614 Health Disparities and Cultural Issues
- <u>MHCA6615</u> Finance Internship
- MHCA6616 Social and Economic Determinants of Health
- <u>MHCA6617</u> Project Management
- MHCA6618 Introduction to Supply Chain Management
- <u>MHCA6619</u> Supply Chain Technologies
- MHCA6620 Sustainable and Lean Six Sigma
- MHCA6621 Health Quality and Outcomes Management
- <u>MHCA6622</u> Corporate Finance
- MHCA6623 Public Policy Research
- <u>MHCA6624</u> Integrated Health Care Systems
- <u>MHCA6625</u> Collective Bargaining and Contract Administration
- <u>MHCA6626</u> Regulatory Compliance for Healthcare Providers

A badge is awarded for each 12 credits in a specialization providing they complete <u>MHCA6627</u> Project Report that is aligned with the area of specialization. Students who seek more than one specialization can repeat <u>MHCA6627</u> Project Report for each specialization, providing the topic and final papers differ.

A cumulative grade point ratio of 3.00 (on a 4.00 scale) is required for graduation. Students who receive more than two grades of C or lower will be dismissed from the program.

Students are required to consult with their assigned academic adviser to assess overall academic performance and plan for their program of choice.

For Information

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Back to Top

Healthcare Management Graduate Certificate

Students in the Master of Public Administration (MPA) program can be awarded the Healthcare Management Graduate Certificate before graduation.

This certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; Florham Campus, Madison, New Jersey; online; or at off-campus locations.

Requirements

Students take two foundation courses and four courses in the Healthcare Management specialization.

Foundation Courses

Each course is 3 credits. Select two courses from the following:

- PADM6600 Public and Nonprofit Management
- <u>PADM6601</u> Organization Theory
- PADM6602 Budgeting and Finance
- <u>PADM6603</u> Public Policy Administration
- PADM6604 Human Resources Management
- <u>PADM6606</u> Analytic Methods of Decision Making

Specialization Courses

Each course is 3 credits. Select four courses from the following:

- <u>PADM6801</u> Seminar in Strategic Management (27-credit prerequisite)
- <u>PADM6802</u> Strategic Health Services Management
- PADM6803 Elder Care: Legal Issues
- PADM7730 Health Care Project Management
- <u>PADM7731</u> Introduction to Health Care Systems
- PADM7732 Health Finance and Control Systems
- PADM7733 Quantitative Methods for Health Administration
- PADM7734 Managing the Continuum of Care
- PADM7735 Comparative Health Systems
- PADM7736 Integrated Health Care Systems
- PADM7737 Ethical and Legal Issues in Health Care
- PADM7791 Global Health Issues
- <u>PADM7814</u> Health Policy and the Public

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Back to Top

High School Athletic Director Graduate Certificate

This 18-credit, six-course certificate program focuses on the skills needed to administer an athletic program on the high-school level. Only New Jersey certified teachers are eligible for the high-school athletic director certificate. The course of study is intended to lead to employment at secondary schools, with an emphasis on athletic curricula. The program fulfills the New Jersey Supervisor Standard certificate requirement. These credits can also be applied to the Master of Sport Management Degree.

The certificate is offered online by the International School of Hospitality, Sports, and Tourism Management.

Requirements

Only New Jersey certified teachers are eligible for the high-school athletic director certificate. All courses are available in online modality.

- EDUC6702 Curriculum and Instruction Theory and Practice
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6704 Change: Curriculum Development and Program Improvement
- EDUC6718 Curriculum Program Evaluation and Student Assessment
- MSA6607 Human Resource Administration in Sports Organizations
- MSA6704 Internship I or Individual Job-related Project

For Information

Robyn Lubisco, Director of the Sport Management Program (Florham Campus), International School of Hospitality, Sports, and Tourism Management

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Back to Top

Higher Education Administration MA

The MA in higher education administration degree at Fairleigh Dickinson University can help current and aspiring professionals build or advance their careers in higher education. The program prepares them for

roles in administrative and student support services within the higher education sector, offering both the theoretical and practical training they need to professionally advance.

To better fit their individual career goals, the program allows students to customize 18 hours of coursework in electives to further develop their knowledge of administration, admission, financial aid, risk management and more.

Key topics in the program include:

- Theory and practice of college student development,
- Current issues in higher education,
- College governance,
- Program development and planning,
- Budgets and resource acquisition,
- Legal issues within higher education and student affairs,
- Technology in higher education and
- Multiculturalism and diversity, among others.

To ensure students gain hands-on training, the program requires a master's project and an internship. Through these experiences, they will learn how to synchronize their knowledge and apply it practically to the real world.

The program is offered online by the Peter Sammartino School of Education.

Admission Requirements

Applicants to MA in higher education administration online program need to submit the following:

- Graduate application form,
- Official transcripts,
- Current résumé and
- A personal statement.

Applicants must possess a four-year degree from an accredited college or university, during which they must have maintained a grade point ratio (GPR) of 2.75 or higher. This program does not require GMAT or GRE scores for admission.

Path to Doctor of Education in Higher Education

Students in the MA in higher education administration can receive advanced standing into the EdD in higher education program upon admission. Students may apply 6–9 credits of the 36-credit MA in higher education degree toward the 45-credit EdD upon admission.

Once in the MA program, students must be accepted into the EdD program separately and maintain the required GPR and program requirements to advance to the EdD.

Degree Plan

Required Courses (36 credits)

- MHEA6100Master Project
- MHEA6601Research Methods
- MHEA6602College Student Development
- MHEA6603Social Issues in Higher Education
- MHEA6604Governance, Planning and Finance in Higher Education
- MHEA6605The Law and Student Affairs
- MHEA6606Student Services Internship (Students may complete an internship after completing 9 credits. They are responsible for identifying and securing their own internships with the approval of their advisers.)
- MHEA6612Program Design and Strategies for Special Populations in Higher Education
- MHEA6617Crisis Management for Higher Education Administrators
- MHEA6619Grant Writing and Administration in Higher Education
- MHEA6622Financial Administration in College Sports
- MHEA6626Mentoring Students for Success

For Information

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Back to Top

Higher Education EdD (Online)

Delivered in an interactive online learning platform, the EdD in higher education program is designed to create professionals who are effective leaders of higher education. Doctoral students will gain the skills necessary for diverse administrative leadership careers in college and university settings as they explore the utilization of data analytics to solve problems within higher education. In addition, the program will also help them build a strong understanding of sustainable global practices and learn to apply them to support their local community, institution and the needs of their students.

The program helps students develop career-enhancing competencies in areas such as:

- Applying data analytics,
- Globally minded solutions to systemic issues within education,
- Strategizing partnerships between employers and educators,
- Leadership,

- Enrollment and retention,
- Educational innovation and
- Creating an inclusive culture for an institution.

The program is offered online by the Peter Sammartino School of Education.

Admission Requirements

All applicants must have a bachelor's degree and have completed a master's program from an accredited college or university with a minimum cumulative grade point ratio (GPR) of 3.00. A complete application includes:

- Graduate application form;
- A written statement discussing each of the following:
 - Experience in higher education or related field and career goals after earning the EdD degree and
 - The doctoral dissertation research topic or research question the student plans to pursue;
- Two letters of recommendation;
- A résumé that states the student's educational background, work experience and professional goals;
- Official undergraduate and graduate transcripts;
- An interview with the program director; and
- Previous work experience in higher education (preferred).

Program Requirements

The EdD in higher education program can be completed entirely online in 26 months. Requirements include a dissertation and the completion of 45 credits through a variety of courses that cover essential higher-education topics, including academic innovation, effective retention methods, data analysis, field internships and more. Courses are taught in eight-week sessions, and there are also opportunities for summer residencies.

Students who complete the MA in higher education administration program will receive Advanced Standing into the EdD in higher education program. Six credits will automatically be applied toward the 45-credit doctorate upon admission. If students take an EdD course within the MA program, it will count for both programs, and they can transfer an additional 3 credits for a total of 9 transfer credits into the EdD in higher education program.

Degree Plan

The EdD in higher education program combines data analytics with social justice to prepare students for diverse roles in college and university settings. While navigating a curriculum founded on innovative academic solutions, students will become proficient in effective and current administrative practices, database management, statistical analysis and more.

Required Courses (21 credits)

- EDUC8650Organization and Administration in Higher Education
- EDUC8651History of Higher Education

- EDUC8652Database Management and Reporting in Higher Education
- EDUC8653Sustainable Development and Higher Education
- EDUC8662Quantitative and Statistical Analysis
- EDUC8663Research Methods and Design
- EDUC8664Dissertation Seminar
- EDUC8665 Dissertation Maintenance
- EDUC8667 Data Analytics I in Higher Education

Content Courses (24 credits — to complete 45 credits for the EdD)

- EDUC7780 Best Practices and Current Trends in Remote Learning
- EDUC8600 Advanced Studies in Higher Education
- EDUC8654 Innovation and Technology in Higher Education
- EDUC8655Building an Inclusive University Culture
- EDUC8656Enrollment Management
- EDUC8657Community Development and Workforce Skills in Higher Education
- EDUC8658Higher Education Policy
- EDUC8659Data Analytics and Visualization in Higher Education
- EDUC8660Field-based Internship I
- EDUC8661Assessment and Evaluation in Higher Education
- EDUC8666 Diversity and Social Justice in Higher Education
- EDUC8668 Dissertation Preparation in Higher Education

For Information

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Back to Top

Homeland Security – Terrorism and Security Studies Graduate Certificate

This 18-credit, six-course certificate focuses on terrorism and security studies. As the Post-9/11 world has made many public, private and not-for-profit sectors involved in preventing and combating terrorism, this knowledge provides both historical and current information of risks associated with such activities. This certificate will ensure organizations are prepared for the risks associated with such activities. In addition, these credits can also be applied to the MS in cyber and homeland security administration degree program.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following, which are all available in an online modality:

- <u>CHSA6601</u> Terrorism Issues and Implications
- <u>CHSA6602</u> Computer and Network Security
- <u>CHSA6603</u> Cyber Forensics Issues and Impacts
- <u>CHSA6604</u> Assessing Internal and External Threats
- CHSA6605 Preparing for Catastrophic Emergencies
- CHSA6606 Historical Perspectives of Terrorism
- CHSA6607 Border Security: Policies, Actions and Implications
- CHSA6608 Terrorism and Disaster Management
- <u>CHSA6609</u> The Face of Terror
- CHSA6610 Bio-terrorism Preparedness and Response

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Back to Top

Homeland Security Administration Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

This 18-credit, six-course certificate is designed to provide an introduction to the area of homeland security. These credits can also be applied to the Master of Administrative Sciencedegree program.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- <u>MADS6617</u> Emergency Management and Safety Administration (National Guard Bureauapproved online course)
- <u>MADS6636</u> Global Preparedness for Catastrophic Emergencies (National Guard Bureauapproved online course)
- <u>MADS6648</u> Disaster Recovery and Organizational Continuity (National Guard Bureau-approved online course)
- MADS6697 Current Issues in Cyber Forensics
- MADS6698 Current Issues in Terrorism and Security
- MADS6705 Homeland Security and Constitutional Issues
- MADS6715 Special Topics: Global Terrorism and Emergency Management Preparedness

For Information

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Back to Top

Homeland Security Leadership Graduate Certificate

This 18-credit, six-course certificate focuses on the critical area of leadership in homeland security. Leadership is essential for successfully carrying out programs or tasks. This certificate is designed to meet the personal and professional development goals of those individuals in the broad field of homeland security, such as first responders, law enforcement, emergency management, various security personnel, health and hospital workers and the military. These credits can also be applied to the MS in cyber and homeland security administration degree program.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- CHSA6619Collaborative Leadership (also available in online modality)
- CHSA6620Organizational Leadership (also available in online modality)
- <u>CHSA6621</u> Human Resource Management (also available in online modality)

- <u>CHSA6622</u> Effective Team Building (also available in online modality)
- <u>CHSA6623</u> Implementing Organizational Change (also available in online modality)
- <u>CHSA6624</u> Effective Decision Making for Organizations (also available in online modality)
- <u>CHSA6625</u> Organizational Communication
- <u>CHSA6626</u> Resolving Conflicts in Organizations (also available in online modality)
- <u>CHSA6627</u> Values and Ethics for Decision Making (also available in online modality)

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Back to Top

Hospitality Management Studies MHMS

The Master of Hospitality Management Studies (MHMS) at Fairleigh Dickinson University is designed for professionals with a passion for hospitality, a desire to build leadership skills and an ambition to expand their career opportunities.

The 30-credit degree is structured to meet the educational needs of adult learners working as managers, entrepreneurs, educators or other professionals in the hospitality industry. It is designed to provide a hospitality management education with an academically rigorous, yet flexible, program of study that meets the requirements for a professional master's degree. For working adults seeking to upgrade their professional skills to enhance their careers, the degree program increases analytical, managerial and leadership competencies and will provide graduates with the requisite preparation for career advancement in various hospitality-related professional areas.

The MHMS program is offered by the International School of Hospitality, Sports, and Tourism Management at the Metropolitan Campus, Teaneck, New Jersey; and online.

Program Highlights

- Cutting Edge: Students gain a competitive advantage by learning from expert faculty and joining a network of more than 3,000 alumni connections.
- Industry Focused: Topics include online distribution, innovation leadership, lifestyle branding and guest experience.
- On Campus or Fully Online: The program is offered in person at the Metropolitan Campus, Teaneck, New Jersey, and can also be taken online.
- Competitively priced, taught by professionals and typically completed in two years.

Program Outcomes

- Global competency
- Cultural competency
- Managerial competency
- Quantitative literacy
- Strategic orientation
- Oral and written communication
- Information literacy

Admission Requirements

- A graduate application for admission and a nonrefundable application fee.
- A bachelor's degree from an accredited college or university with a minimum cumulative grade point ratio (GPR) of 2.75. (Applicants with a GPR of less than 2.75 may be admitted as prematriculated students on probation).
- Official transcripts from all colleges and universities previously attended.
- English-language proficiency, both written and verbal.
- Industry work experience preferred (applicants without industry work experience may be required to take foundation courses <u>HRTM6100</u> Hospitality Operations Management and <u>HRTM6200</u> Tourism Destination Management upon evaluation).
- Personal statement of 400 words explaining reasons for pursuing hospitality graduate studies.
- Personal interview with a graduate program adviser.

Additional classes may be required as a prerequisite for acceptance into the program. Applicants who are unable to provide official documents at the time of enrollment may register as nonmatriculated or nondegree students with the approval of a graduate faculty adviser.

Degree Plan

- Completion of a minimum of 30 graduate credits.
- Cumulative GPR of 3.00 for the degree program of study.
- Must earn a GPR of 3.00 in each of the three required hospitality management courses.
- Minimum of 27 credits completed at Fairleigh Dickinson University.
- Maximum of seven years to complete the master's degree requirements.

Up to 6 credits of graduate coursework may be transferred from another college or university if completed within the six-year period. Courses submitted for transfer credit will be reviewed and evaluated by the director of the International School of Hospitality, Sports, and Tourism Management. In assessing requests for transfer credits, the faculty may require students to complete additional coursework to update their knowledge and skills to meet master's degree requirements.

Prerequisites: Graduate Foundation Courses (6 credits)

These 3-credit classes are offered for those students who do not meet all of the graduate program admission requirements listed above:

• <u>HRTM6100</u> Hospitality Operations Management

<u>HRTM6200</u> Tourism Destination Management

The following are the specific program requirements for the master's degree. These curriculum areas and credit-distribution requirements are designed to provide students with flexibility in planning a program of study within a focused framework of professional development.

Required Hospitality Management Courses (9 credits)

- <u>HRTM7715</u> Special Project
- <u>HRTM7751</u> Research Methodology I
- <u>HRTM7752</u> Research Methodology II

Supporting Hospitality Management Courses (15 credits)

- <u>HRTM7713</u> Financial Management
- <u>HRTM7714</u> Advanced Human Resource Management for Hospitality Professionals
- <u>HRTM7716</u> Services Management
- <u>HRTM7734</u> Global Marketing for Hospitality Executives
- <u>HRTM7771</u> Organizational Behavior and Leadership

Elective Courses (6 Credits)

Elective courses are to be chosen by students with approval from an adviser. Choose 6 credits (two courses) from the following:

- <u>HRTM7717</u> Discovering the World of Wine
- HRTM7718 Advanced Global Seminar
- HRTM7722 Advanced Human Resource Management
- <u>HRTM7723</u> Hospitality Education Practicum
- <u>HRTM7725</u> Curriculum and Instruction for the Hospitality Educator
- <u>HRTM7726</u> Educational Organization for the Hospitality Educator
- HRTM7728 Graduate Internship
- <u>HRTM7729</u> Training and Development
- HRTM7732 Hospitality Law Legal Issues in Hospitality
- <u>HRTM7733</u> Advanced Practicum in Conflict Resolution and Collaborative Negotiation
- <u>HRTM7736</u> Accounting for Hospitality Managers and Administrators
- <u>HRTM7737</u> Global Tourism Development
- <u>HRTM7740</u> Advanced New Venture Management
- <u>HRTM7742</u> International Tourism
- <u>HRTM7746</u> Entrepreneurship and You
- <u>HRTM7997</u> Communications for Casino Industry Professional
- HRTM7998 History of Casino Gaming
- HRTM7999 Casinos' Social and Economic Approach

Comprehensive Exam

Students in the MHMS program will complete a comprehensive, professionally focused project (<u>HRTM7715</u> Special Project) prior to their final semesters of the program.

For Information

Donald Hoover, Associate Director for Enrollment, International School of Hospitality, Sports, and Tourism Management

Senior Lecturer of Hospitality Management

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Back to Top

Hospitality Management Studies MHMS (Vancouver)

The International School of Hospitality, Sports, and Tourism Management (ISHSTM) offers a Master of Hospitality Management Studies (MHMS) at the Vancouver Campus, Vancouver, British Columbia, Canada. Candidates for admission to the MHMS degree program could be managers, business owners or educators or holding other professional positions related to the hospitality industry.

Top five reasons to choose the Master in Hospitality Management Studies degree

- 1. The program is currently listed by The Best Schools.org as number four out of the top 20 hospitality schools in America.
- 2. Outstanding faculty of industry professionals who have spent years gaining practical industry work experience.
- 3. Commitment to global education.
- 4. Off-campus work opportunities and three-year postgraduate work permit; and
- 5. Worldwide network of more than 3,000 alumni in hospitality and tourism leadership positions.

Admission Requirements

Candidates for admission to the MHMS degree program could be managers, business owners or educators or holding other professional positions related to the hospitality industry. The credentials required for admission as a matriculated student include the following:

1. Graduated from an accredited four-year bachelor's degree program or its equivalent.

- 2. Maintained a cumulative grade point ratio (CGPR) of 2.75 ("B-") or equivalent in their undergraduate studies.
- 3. Demonstrated proficiency, both written and verbal, of the English language (for international students whose first language is not English or who did not complete their degrees in the U.S. or Canada).
- 4. Industry-work experience preferred (applicants without industry-work experience may be required to take foundation courses <u>HRTM6100</u> Hospitality Management and <u>HRTM6200</u> Tourism Destination Management upon evaluation).

Required Documents

Copies of the following documents must be submitted together with the online application.

- 1. Attested or official transcripts, academic records, diplomas, national examination results, certificates or degrees received from all postsecondary institutions, universities and/or professional schools. If the documents are not in English, certified translation is required.
- 2. Two (2) recommendation letters. It is advised that one letter is academic.
- 3. Answers to three essay questions outlining the students' personal interests and career goals. They will add these answers when filling out the online application form.
- Question 1: How do you think this graduate degree can help you achieve your career goals? (400 or more words)
- Question 2: Please describe your greatest achievement. (up to 200 words)
- Question 3: What motivates and inspires you? (up to 200 words)
- FDU uses the answers to these questions to evaluate if students are the right fit for the program. The University also use it to evaluate the students' writing skills. It is recommended that students write a genuine response to each of the questions.
- 4. Proof of English Proficiency if the student's first language is not English, or if they did not complete their degree in the U.S. or Canada. For more details, refer to English Proficiency page.
- 5. Copy of information page in the student's valid passport.
- 6. Résumé or portfolio.
- 7. Interview with a graduate program adviser may be required.

Admission Procedures

Admission to the MHMS program is competitive and is based on the "rolling" admission model. Applications are evaluated by both the admissions team and the International School of Hospitality, Sports, and Tourism Management. An interview with the program adviser may be required before the decision on admission can be made. The assistant director of enrollment management for this program will notify applicants and schedule the interview if needed.

Application Deadlines

Applications and all required supporting documents must be submitted by the application deadline for the term:

Fall (September start) term — April 30

Spring (January start) term — August 31

Degree Requirements

- 1. Completion of a minimum of 30 graduate credits.
- 2. Cumulative grade point ratio (GPR) of 3.00 for the degree program of study.
- 3. Must earn a GPR of 3.00 in each of the three required hospitality management courses.
- 4. Minimum of 27 credits completed at Fairleigh Dickinson University.
- 5. Maximum of six years to complete the master's degree requirements.

Up to 3 credits of graduate coursework may be transferred from another college or university if completed within the six-year period. Courses submitted for transfer credit will be reviewed and evaluated by the ISHSTM director. In assessing requests for transfer credits, the faculty may require students to complete additional coursework to update their knowledge and skills to meet master's degree requirements.

Degree Plan

The following are the specific program requirements for the master's degree. These curriculum areas and credit-distribution requirements are designed to provide students with flexibility in planning a program of study within a focused framework of professional development.

Required Hospitality Management Courses (9 credits)

- <u>HRTM7715</u> Special Project
- <u>HRTM7751</u> Research Methodology I
- <u>HRTM7752</u> Research Methodology II

Supporting Hospitality Management Courses (15 credits)

- <u>HRTM7713</u> Financial Management
- <u>HRTM7714</u> Advanced Human Resource Management for Hospitality Professionals
- <u>HRTM7716</u> Services Management (Available in traditional in-class or field-course format. See <u>HRTM7716</u> Field Course Option.)
- <u>HRTM7734</u> Global Marketing for Hospitality Executives
- <u>HRTM7771</u> Organizational Behavior and Leadership

Elective Courses (6 credits)

Elective courses are chosen by students with approval from their graduate adviser. Choose 6 credits (two courses) from the following courses. Not all options are available every semester and the below list is not exhaustive:

- <u>HRTM7717</u> Discovering the World of Wine
- <u>HRTM7718</u> Advanced Global Seminar
- <u>HRTM7723</u> Hospitality Education Practicum

- <u>HRTM7725</u> Curriculum and Instruction for the Hospitality Educator
- <u>HRTM7726</u> Educational Organization for the Hospitality Educator
- HRTM7737 Global Tourism Development
- <u>HRTM7748</u> Developing a Sustainability Mindset in Hospitality and Tourism
- <u>HRTM7758</u> Digital/Social Media Marketing in Hospitality

Foundation Courses (6 credits)

Foundation courses are designed for those students who do not meet all of the graduate program admission requirements listed above such as industry-work experience and/or who have an undergraduate degree in an area other than hospitality, tourism or business. Each foundation course is worth 3 credits toward the Elective Courses area.

- <u>HRTM6100</u> Hospitality Management
- <u>HRTM6200</u> Tourism Destination Management

Comprehensive Exam

Students in the MHMS program must pass a written comprehensive exam prior to their final semester in the program. The comprehensive exam consists of theoretical and applied questions related to all courses completed prior to the final semester.

HRTM7716 Services Management (In-class or Field Course Option)

<u>HRTM7716</u> Services Management is a supporting 3-credit course in the MHMS program. It is available to all MHMS students as either: (1) a traditional in-class course or (2) a field course.

All MHMS students must declare which format of <u>HRTM7716</u> they wish to take at the conclusion of their first semester in the MHMS program. Information sessions will be held on campus each term.

- The in-class option is available to students every spring semester regardless of the start date,
- The field course option is available in the fall 2023 semester for students matriculating in fall 2022 or spring 2023.

For information on the places visited during the field course and the student experience, interested students may go to the archived <u>May2022 HRTM4622</u> Understanding Hospitality and Tourism in British Columbia field course <u>blog</u>. The graduate course visits many of the same organizations with the <u>HRTM7716</u> field course, with a focus on graduate-level service management.

Internship and Work Experience Opportunities

Students enrolled in programs within the ISHSTM at the Vancouver Campus have opportunities for internship and work experience through the school's <u>Preferred Industry Partnership (PIP) Program</u>.

Deadlines for internships vary based on employer timelines. Students interested in opportunities should contact the internship instructor or associate director as early as possible. More information is available on the ISHSTM industry board outside Cambie Room 252, and information sessions are held on campus once per term.

For Information

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Back to Top

Human Resources Administration Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

The area of human resources has become more complex with new laws, court decisions, and changes in business practices. This 18-credit, six-course certificate is designed for those who are working in the area of human resources or desire to move into that field.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- <u>MADS6602</u> Personnel Administration
- <u>MADS6603</u> Law and Administrative Practice
- MADS6607 Collective Bargaining and Contract Administration
- MADS6608 Organizational Communication and Conflict Resolution
- <u>MADS6609</u> Productivity and Human Performance (National Guard Bureau-approved online course)
- MADS6620 Human Resources Systems: Approaches and Techniques for the Modern Workplace
- <u>MADS6661</u> Managing Organizational Change
- <u>MADS6662</u> Customer Service
- MADS6695 Employment Law

For Information

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Back to Top

Industrial Organizational Psychology MA

The MA in industrial/organizational psychology graduate program is designed to provide a comprehensive and empirically based background in industrial/organizational psychology. Students gain knowledge and understanding of a variety of work psychology-based concepts ranging from selection and hiring, learning and development, assessment and measurement, employee engagement and leadership to the impact of technology on behavior and systems. The program follows the scientist-practitioner model and includes both theory and concept in its coursework as well as applications to the current realities of the workplace.

Internship opportunities in local organizations are available and required as part of the program. Graduates find work in organizational settings, usually within human resources, or continue their education at the doctoral level.

All classes are offered in the early weekday evening hours.

The program is offered by the School of Psychology and Counseling at the Florham Campus, Madison, New Jersey. An MA in industrial/organizational psychology program is offered online for students in China.

Admission Requirements

Admission to the program is on a rolling basis; there is no specificadmission deadline. Admitted students may begin in the fall or spring semesters. However, for best consideration, students are encouraged to apply byApril 30 for the fall semester and November 30 for the spring semester.

Requirements for admission to the program are as follows:

- Graduation from an accredited college or university.
- Completion of a Fairleigh Dickinson Graduate School Application form, which includes a personal statement explaining interest in the program and career goals.
- For applicants with undergraduate degrees in psychology, a minimum grade point ratio (GPR) of 3.00 in the major is required and at least one course in statistics and experimental psychology must have been successfully completed.
- For applicants whose undergraduate degrees were NOT in psychology, a minimum GPR of 3.00 in the major and successful completion of advanced general psychology and undergraduate statistics with a grade of B- or better is required.
- Submission of undergraduate transcript(s).
- Submission of three letters of recommendation.
- A personal interview may be required in some cases.

Degree Plan

The program requires successful completion of a total of 12 courses (36 credits). All students in the program must register for a minimum of two classes in the fall and spring semesters. Exceptions to this policy may be granted in unusual circumstances. Courses must be taken in the required sequence (see school for sequence list). All classes are offered in the early weekday evening hours. Students have the

option to complete a research-based thesis or two elective courses. Additionally, students must successfully complete a written and spoken comprehensive examination in their final semester.

- COUN7706 Lifestyle and Career Counseling
- <u>PSYC6300</u> Statistics
- **PSYC6301** Group Dynamics and Team Leadership
- <u>PSYC6302</u> Organizational Psychology
- <u>PSYC6303</u> Research Methods and Design
- <u>PSYC6304</u> Personnel Selection
- <u>PSYC6305</u> Psychometrics
- <u>PSYC6306</u> Behavioral Consulting in Organizations
- <u>PSYC6308</u> Human Resources Development
- **PSYC7700** Industrial/Organizational Internship

If a thesis option is selected:

- PSYC7803 Research and Thesis I
- **PSYC7804** Research and Thesis II

If a nonthesis option is selected:

- <u>PSYC6307</u> Techniques of Interviewing
- <u>PSYC7745</u> Leadership Studies

For Information

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Back to Top

Internet Programming Graduate Certificate

Internet programming is a contemporary field of computer programming. It refers to network communication, distributed computing and web applications. The internet programming graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey. The objective of this certificate is to provide expertise in computer programming fundamentals, web programming and internet-based application software development.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

18 credits (six courses) are to be taken from the following:

- <u>CSCI5505</u> Introduction to Computer Programming
- <u>CSCI5555</u> Data Structures
- <u>CSCI6731</u> Computer Networks
- CSCI6735 Client-server Computing
- CSCI6810 Java and the Internet
- <u>CSCI6844</u> Programming for the Internet

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

Academic Credits

Courses with number 6000 or higher completed through this certificate program can be credited toward the MS in computer science program. Other courses may be substituted with prior approval of the academic adviser.

For Information

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Back to Top

Law and Public Safety Administration Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

This 18-credit, six-course certificate program recognizes the importance of enhancing the leadership and management of the key administrators of modern law enforcement, emergency management and public safety organizations. The emphasis is on blending communication, decision-making and strategic-partnering skills with the latest trends in human resource management, finance and media strategies.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- <u>MADS6601</u> Financial Administration
- <u>MADS6604</u> Ethics and Public Values (National Guard Bureau-approved online course)
- MADS6608 Organizational Communication and Conflict Resolution
- MADS6610 Organizational Decision Making
- <u>MADS6617</u> Emergency Management and Safety Administration (National Guard Bureauapproved online course)
- MADS6618 Leadership Plus (National Guard Bureau-approved online course)
- MADS6620 Human Resources Systems: Approaches and Techniques for the Modern Workplace
- MADS6626 Law Enforcement Executive Leadership Seminar (International Elective)
- MADS6628 Building Strategic Partnerships
- MADS6655 Contemporary Issues in Community Policing
- <u>MADS6656</u> Social Problems and Solutions
- MADS6675 Optimum Leadership
- MADS6703 Public Presentations and Media Strategies
- MADS6762 Current Issues in Immigration Law

For Information

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Back to Top

Leadership Theory and Practice Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

This 18-credit, six-course certificate is designed for individuals who would like to improve their leadership skills. There are differences between managers and leaders, and this course of study looks at the attributes of leaders, different theories that can be used and how leaders can vary their style based on the situation at hand.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; and at offsite or partner locations.

Requirements

Students can choose six courses from the following:

- <u>MADS6600</u> Theory and Practice of Administration (National Guard Bureau-approved online course)
- MADS6618 Leadership Plus (National Guard Bureau-approved online course)
- MADS6640 Leading in Times of Crisis
- MADS6675 Optimum Leadership
- <u>MADS6676</u> Perspectives on Leadership from Films
- MADS6717 Special Topics: Leading Out of the Mainstream
- MADS6731 Executive Communication as a Leadership Tool

For Information

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Back to Top

Learning Disabilities MA

Licensed regular classroom teachers may seek to develop expertise in working with students with disabilities in grades K–12. FDU's graduate program in learning disabilities offers candidates:

• A 21-credit, fully online, nondegree program leading to the New Jersey Teacher of Students with Disabilities Certification; and/or

• A 36-credit, master's degree program leading to the New Jersey Teacher of Students with Disabilities Certification and a master's degree. Three tracks are offered: a learning disabilities track, a supervisory track or an Orton Gillingham Teacher track.

Candidates who successfully complete these programs are eligible for New Jersey's Department of Education certification as Teacher of Students with Disabilities. This license is required for teaching students with disabilities in settingssuch as inclusive classrooms, resource centers or self-contained classrooms. Program completers are certified to teach students with disabilities in general-education classrooms and/or resource centers/special-class programs in the subject area(s) for which they earned their general education certification(s). This is a reduced-tuition program. In all programs, a faculty adviser works closely with candidates to monitor their program and course selections.

Fairleigh Dickinson University's program is accredited by the Council for the Accreditation of Educators Preparation (CAEP).

The learning disabilities program is offered online by the Peter Sammartino School of Education.

Admission Requirements

All candidates who want to be considered for admission must meet the following criteria:

- Evidence of Certification of Eligibility with Advanced Standing (CEAS) or standard teaching license (A Certificate of Eligibility will not be considered unless the candidate also holds a CEAS or Standard Certificate in another area);
- Transcripts with a minimum grade point ratio (GPR) of 3.25;
- Two letters of recommendation; and
- Evidence of successful completion of Praxis Exam in another content area (Currently, there is no Praxis for Teacher of Students with Disabilities in New Jersey).

Program Outcomes

The learning disabilities program at FDU produces candidates who are:

- Qualified to teach subject matter,
- Competent in pedagogical knowledge,
- Caring professionals,
- Technologically proficient,
- Culturally responsive to the diverse needs of students and
- Reflective about what they have learned and what they need to learn.

Degree Plan

The courses listed below are required for the New Jersey Teacher of Students with Disabilities Certification. All certification courses are offered fully online though several courses require work in classroom settings and direct interactions with K–12 students.

<u>EDUC6740</u> Introduction to Students with Disabilities and Autism Spectrum Disorders is the first course in the sequence of courses and must be completed as a prerequisite or corequisite upon admission to the program.

- <u>EDUC6740</u> Introduction to Students with Disabilities and Autism Spectrum Disorders (Note: <u>EDUC6740</u> is a prerequisite for all other courses.)
- EDUC6744 Foundations: Historical, Philosophical and Legal Issues Related to Disabilities
- EDUC6745 Principles and Practices of Collaboration and Inclusion
- EDUC6746 Learning Environment and Effective Management of Teaching and Learning
- EDUC6747 Multisensory Reading Instruction for Students with Reading Disabilities
- <u>EDUC7623</u> Diagnosis of Learning Disabilities (Note: <u>EDUC6745</u> Principles and Practices of Collaboration and Inclusion or <u>EDUC6746</u> Learning Environment and Effective Management of Teaching and Learning are prerequisites)
- <u>EDUC7624</u> Correction of Learning Disabilities(Note: <u>EDUC6745</u> Principles and Practices of Collaboration and Inclusion or <u>EDUC6746</u> Learning Environment and Effective Management of Teaching and Learning are prerequisites)

Students may opt to complete their studies after earning the Teacher of Students with Disabilities certificate or may decide to further their professional development by pursuing an MA in learning disabilities (36 credits). Courses are fully online. After earning the Teacher of Students with Disabilities certificate and completing the 21-credit sequence listed above, candidates may choose one of the following tracks to earn their master's degree:

Learning Disabilities Track (15 credits)

- EDUC6626 Neurophysiological Basis of Learning Problems
- EDUC6627Orientation to School Testing
- EDUC6792 Assistive Technology for the Inclusive Classroom
- EDUC6793 Education of Students with Moderate to Severe Disabilities
- EDUC6797 Multisensory Mathematics Instruction for Students with Disabilities

Supervisory Track (15 credits)

- EDUC6702 Curriculum and Instruction: Theory and Practice (fully online)
- EDUC6703 Supervision of Instruction and Personnel Evaluation (fully online)
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership
- EDUC7674 Master's Seminar:Research in Specialization

Among the above courses, the following culminate in the New Jersey Supervisor's Certificate. Candidates must have completed at least three years of successful teaching for the supervisors' certificate.

- EDUC6702 Curriculum and Instruction: Theory and Practice,
- EDUC6703 Supervision of Instruction and Personnel Evaluation
- EDUC6757 Leading Inclusive Schools
- EDUC6758 Data-informed Leadership

Orton Gillingham Teacher Track (15 credits)

• EDUC6626 Neurophysiological Basis of Learning Problems

- EDUC6792 Assistive Technology for the Inclusive Classroom
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3
- EDUC7644 Structured Literacy: Students with Reading Difficulties 4

For Information

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Back to Top

Management Information Systems Graduate Certificate

The management information systems graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey. The management information systems graduate certificate provides individuals with a broad knowledge base to assist organizations in pursuing information technology-based competitive advantage in a rapidly changing global economy.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

18 credits (six courses) are to be chosen from the following:

- <u>CSCI5525</u> Introduction to Computer Science
- <u>CSCI6623</u> Database Systems
- <u>CSCI6720</u> Management Information Systems
- CSCI6731 Computer Networks
- <u>CSCI6758</u> Electronic Commerce
- <u>CSCI7727</u> Development of MIS 1
- <u>CSCI7791</u> Information Systems for Competitive Advantage

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

Academic Credits

Courses with number 6000 or higher completed through this certificate program can be credited toward the MS in management information systems program. Other courses may be substituted with prior approval of the academic adviser.

For Information

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Back to Top

Management Information Systems MS

The Master of Science in management information systems is designed for present and future managers and developers of organizational information systems. Relying on computers and telecommunications networks, these systems are a source of operational efficiency, managerial effectiveness and corporatestrategic advantage. The program combines learning how to use and develop information-system technology with instruction in business, management and organizations.

The MS in management information systems is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey.

Program Outcomes

Graduates of the MS in management information systems program will demonstrate the following attributes and achievements before or upon graduation:

- An ability to gain and apply the knowledge of management information systems theory and practice to analyze organizational information systems and to develop creative solutions in order to derive value from information.
- An ability to work effectively in teams and communicate with diverse audiences.

• Understanding of the computing-related ethical and societal issues in their impact on individuals, organizations and communities.

Admission Requirements

- Applicants must hold a bachelor's degree from an accredited institution in one of the following disciplines:
 - A STEM discipline with a satisfactory academic record.
 - A non-STEM discipline with an overall cumulative grade point ratio (CGPA) of 3.00 (B) or with other strong indicators (e.g., work experience) of the ability to successfully complete the program.
- Admitted students who graduated with a bachelor's degree in a discipline other than computer science will have to complete some prerequisite courses as determined and required by the program.
- Submission of an official score report for the Graduate Record Examination (GRE) General Test taken within the last five years. The GRE may be waived if:
 - The applicant enrolls initially as a nonmatriculating student and completes 9 graduate credits in the degree program with a minimum cumulative grade point ratio (CGPR) of 3.00 (B) and no grade below C.
 - The applicant is a graduate of FDU's computer science, electrical engineering, information technology or closely related programs with an undergraduate CGPR of 3.00 (B).
 - The applicant is a graduate of computer science, electrical engineering, information technology or closely related accredited programs from other institutions with an undergraduate CGPR of 3.33 (B+).
 - $\circ~$ The applicant has completed a master's degree from a regionally accredited college or university in the United States or Canada.
- Three letters of recommendation are recommended.

Applicants who have not completed all requirements for admission to the degree program may be permitted to enroll in classes for credit on a nonmatriculated or nondegree basis.

Degree Plan

Prerequisite Courses (12 credits)

- ACCT5012 Financial Accounting: End User Applications
- CSCI5505 Introduction to Computer Programming or its equivalent
- CSCI5525 Introduction to Computer Science or its equivalent
- ECON5012 Economic Analysis
- MKTG5012 Marketing Principles

Required Courses (21 credits)

- <u>CSCI6603</u> Computer Architecture
- <u>CSCI6623</u> Database Systems

- <u>CSCI6720</u> Management Information Systems
- <u>CSCI6758</u> Electronic Commerce
- CSCI7727 Development of MIS I
- CSCI7791 Information Systems for Competitive Advantage
- MKTG6500 Marketing Management

Electives (9 credits)

Students should consult their advisers regarding electives. Courses are selected from two lists of courses under the headings of Systems and Management. Other information technology and business-oriented courses not on the list may be added at the discretion of the department. A student can opt to receive 3 credits for internship/work experience provided the student has been in the program for a minimum of nine months.

For Information

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Back to Top

Non-Profit Organizational Development Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

This 18-credit, six-course certificate program is designed for professional leaders in the not-for-profit community. The needs for nonprofit organizations vary from those of the private sector, and this certificate explores those areas that are unique to nonprofit organizations and provides theoretical and applied practice on how these organizations operate.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- MADS6606 Administrative Leadership in Complex Organizations
- MADS6608 Organizational Communication & Conflict Resolution
- <u>MADS6613</u> Marketing of Public, Not-for-Profit and Private Organizations
- MADS6616 Grant Writing and Administration (National Guard Bureau-approved online course)
- MADS6618 Leadership Plus (National Guard Bureau-approved online course)
- MADS6628 Building Strategic Partnerships
- MADS6629 Planning and Program Development
- MADS6631 Advanced Fundraising Practices
- MADS6632 Technology Applications for Not-for-Profit Management
- MADS6645 Marketing Social Change
- MADS6661 Managing Organizational Change
- <u>MADS6662</u> Customer Service for Public and Not-for-Profit Organizations
- <u>MADS6675</u> Optimum Leadership
- <u>MADS6763</u> Grants and Sponsored Projects Operations
- MADS6781 Social Media Marketing

For Information

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Back to Top

Nurse Practitioner MSN

The Master of Science in Nursing (MSN) program prepares individuals as nurse practitioners and other nurse leaders in approximately two years of part-time study.

The Henry P. Becton School of Nursing and Allied Health offers clinical tracks in:

- Adult Gerontology Primary Care Nurse Practitioner (43 credits)
- Family Nurse Practitioner (43 credits)
- Psychiatric/Mental Health Nurse Practitioner (43 credits)
- Women's Health Nurse Practitioner (43 credits)

The school also offers MSN nonclinical tracks in:

• Healthcare Administration (33 credits)

• Healthcare Education Administration (33 credits)

The program outcomes are posted on <u>https://www.fdu.edu/academics/colleges-schools/nursing/outcomes</u>. The Master of Science in Nursing (MSN) Nurse Practitioner is offered online by the Henry P. Becton School of Nursing and Allied Health.

Application Requirements

- Grade point ratio (GPR) of 2.80 (inclusive of all college transcripts);
- Graduation from an accredited entry-level nursing program;
- Bachelor of Science degree;
- New Jersey Registered Nurse (RN) licensure;
- A course in health assessment (within three years) or intent to complete Basic Health Assessment Course (see <u>FDU SNAH continuing education course offering</u>);
- English-language proficiency; and
- Substantive health-care experience.

Optional/Preferred Requirements

- Letter of recommendation,
- Substantive health-care experience with population of interest and
- American Nurses Credentialing Center (ANCC) Psychiatric-Mental Health Nursing board certification (PMH-BC) preferred for psychiatric/mental health nurse practitioner applicants.

Clinical Tracks

MSN in Adult Gerontology Primary Care Nurse Practitioner

As adult gerontology primary care nurse practitioners, graduates will be qualified to diagnose and manage adult and geriatric clients across a wide array of acute, chronic and complex health problems, as well as provide guidance for health promotion and disease prevention. Students graduate with an MSN in advanced practice nursing (APN) degree, are eligible to become licensed/registered primary care providers/prescribers in the population focus and are eligible to take the Adult Gerontology Primary Care Nurse Practitioner certification exam (American Association of Nurse Practitioners [AANP] or American Nurses Credentialing Center [ANCC]) to become certified in the specialty.

Course Plan

Required Courses (43 credits)

All courses are 3 credits except where indicated.

- NURS6500 Current Issues in Mental Health (1 credit)
- <u>NURS6600</u> Introduction to Advanced Nursing Philosophies, Theories, Roles and Issues
- <u>NURS6615</u> Advanced Pharmacology
- <u>NURS6620</u> Advanced Health Assessment
- NURS6632 Advanced Nursing: Primary Care of the Adult Gerontology I (6 credits)
- NURS6633 Advanced Nursing: Primary Care of the Adult Gerontology II (6 credits)

- NURS6634 Advanced Nursing: Primary Care of the Adult Gerontology III (6 credits)
- <u>NURS7701</u> Advanced Research and Evidence-based Practice
- NURS7702 Advanced Pathophysiology
- NURS7755 Advanced Practice Nursing Synthesis (6 credits)
- NURS7756 Advanced Practice Nursing Synthesis Practicum (0 credits)
- NURS8008 Information Systems for Health Care

Total credits: 43

Total clinical hours: Minimum of 750 hours

MSN in Family Nurse Practitioner

As family nurse practitioners, graduates will be qualified to diagnose and manage clients throughout the lifespan across a wide array of acute, chronic and complex health problems, as well as provide guidance for health promotion and disease prevention. Students graduate with an MSN in advanced practice nursing (APN) degree, are eligible to become licensed/registered primary care providers/prescribers in the population focus and are eligible to take the Family Nurse Practitioner certification exam (American Association of Nurse Practitioners [AANP] or American Nurses Credentialing Center [ANCC]) to become certified in the specialty.

Course Plan

Required Courses (43 credits)

All courses are 3 credits except where indicated.

- <u>NURS6500</u> Current Issues in Mental Health (1 credit)
- <u>NURS6600</u> Introduction to Advanced Nursing Philosophies, Theories, Roles and Issues
- NURS6615 Advanced Pharmacology
- NURS6620 Advanced Health Assessment
- <u>NURS6632</u> Advanced Nursing: Primary Care of the Adult Gerontology I (6 credits)
- <u>NURS6633</u> Advanced Nursing: Primary Care of the Adult Gerontology II (6 credits)
- NURS7701 Advanced Research and Evidence-based Practice
- NURS7702 Advanced Pathophysiology
- <u>NURS7755</u> Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)
- NURS7796 Advanced Nursing: Family Primary Care Women and Children (6 credits)
- <u>NURS8008</u> Information Systems for Health Care

Total credits: 43

Total clinical hours: Minimum of 750 hours

MSN in Psychiatric/Mental Health Nurse Practitioner

As psychiatric/mental health nurse practitioners, graduates will be qualified to diagnose and treat clients with a wide variety of mental illnesses, as well as provide guidance for mental-health promotion and disease prevention. Students graduate with an MSN in advanced practice nursing (APN) degree, are eligible to become licensed/registered primary care providers/prescribers in the population focus and are

eligible to take the Psychiatric/Mental Nurse Practitioner certification exam (American Nurses Credentialing Center [ANCC]) to become certified in the specialty.

Course Plan

Required Courses (43 credits)

All courses are 3 credits except where indicated.

- <u>NURS6501</u> Advanced Psychiatric/Mental Health Nursing Theory I: Families and Children (5 credits)
- <u>NURS6503</u> Advanced Psychiatric/Mental Health Nursing Theory II: Adults (5 credits)
- <u>NURS6505</u> Advanced Psychiatric/Mental Health Nursing Theory III: Geriatrics (6 credits)
- <u>NURS6600</u> Introduction to Advanced Nursing Philosophies, Theories, Roles and Issues
- <u>NURS6615</u> Advanced Pharmacology
- <u>NURS6620</u> Advanced Health Assessment
- <u>NURS6701</u> Psychopharmacology
- <u>NURS7701</u> Advanced Research and Evidence-based Practice
- NURS7702 Advanced Pathophysiology
- NURS7755 Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)
- NURS8008 Information Systems for Health Care

Total credits: 43

Total clinical hours: Minimum of 750 hours

MSN in Women's Health Nurse Practitioner

As women's health nurse practitioners, graduates will be qualified to diagnose and manage clients throughout the lifespan across a wide array of acute, chronic and complex health problems, as well as provide guidance for health promotion and disease prevention. Students graduate with an MSN in advanced practice nursing (APN) degree, are eligible to become licensed/registered primary care providers/prescribers in the population focus and are eligible to take the Women's Health Nurse Practitioner certification exam (National Certification Corporation [NCC]) to become certified in the specialty.

Course Plan

Required Courses (43 credits)

All courses are 3 credits except where indicated.

- <u>NURS6500</u> Current Issues in Mental Health (1 credit)
- NURS6600 Introduction to Advanced Nursing Philosophies, Theories, Roles and Issues
- <u>NURS6615</u> Advanced Pharmacology
- <u>NURS6620</u> Advanced Health Assessment
- <u>NURS6632</u> Advanced Nursing: Primary Care of the Adult Gerontology I (6 credits)
- NURS7701 Advanced Research and Evidence-based Practice
- NURS7702 Advanced Pathophysiology

- NURS7755 Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)
- NURS7797 Advanced Nursing: Women's Health GYN (6 credits)
- NURS7798 Advanced Nursing: Women's Health OB (6 credits)
- NURS8008 Information Systems for Health Care

Total credits: 43 Total clinical hours: Minimum of 750 hours

Nonclinical Tracks

MSN in Healthcare Administration

The Master of Science in Nursing (MSN) in healthcare administration program is designed to prepare leaders of administrative teams in hospitals, clinicals other health care organizations, who will influence and implement institutional policies during periods of health care reforms, restructuring and changes affecting patient outcomes.

Students who completed another master's degree cannot transfer any courses in to complete this master's degree.

Course Plan

Required Courses (33 credits)

All courses are 3 credits except where indicated.

Nursing Core (6 credits)

- NURS6600 Introduction to Advanced Nursing Philosophies, Theories, Roles and Issues
- NURS7701 Advanced Research and Evidence-based Practice

Advanced Nursing Courses (11 credits)

- NURS7718 Administrative Practicum (2 credits)
- NURS8008 Information Systems for Health Care
- <u>NURS8010</u> Health Quality Assessment and Outcomes
- <u>NURS8020</u> Healthcare Delivery Systems and Public Policy

Public Health Courses (9 credits)

- <u>PUBH6006</u> Social and Behavioral Determinants of Health
- <u>PUBH6101</u> Public Health Leadership 101
- <u>PUBH7505</u> Interprofessional Education and Practice

MBA Courses (7 credits)

Select from below:

- <u>DSCI6400</u> Data Science and Analytics
- MGMT5400 Business and Society (1 credit)
- <u>MGMT6400</u> Organization Behavior and Leadership

• MGMT6607 Leading Strategic Change and Sustainability

Total credits: 33

Total clinical hours: 120 hours

MSN in Healthcare Education Administration

The Master of Science in Nursing (MSN) in healthcare education administration program is designed to prepare leaders of administrative teams in colleges, universities and other health care education settings, who will influence and implement institutional policies during periods of health care reforms, restructuring and changes affecting student, faculty and staff outcomes.

Students who completed another master's degree cannot transfer any courses in to complete this master's degree.

Course Plan

Required Courses (33 credits)

All courses are 3 credits except where indicated.

Nursing Core (6 credits)

- NURS6600 Introduction to Advanced Nursing Philosophies, Theories, Roles and Issues
- <u>NURS7701</u> Advanced Research and Evidence-based Practices

Advanced Nursing Courses (11 credits)

- NURS7718 Administrative Practicum (2 credits)
- NURS7771 Seminar in Issues in Nursing Education
- NURS8008 Information Systems for Health Care
- NURS8010 Health Quality Assessment and Outcomes

Education Courses (9 credits)

- MADS6609 Productivity and Human Performance
- MHEA6602 College Student Development
- MHEA6604 Governance, Planning and Finance in Higher Education

MBA Courses (7 credits)

Select from below:

- <u>DSCI6400</u> Data Science and Analytics
- MGMT5400 Business and Society (1 credit)
- MGMT6400 Organization Behavior and Leadership
- MGMT6607 Leading Strategic Change and Sustainability

Total credits: 33 Total clinical hours: 120 hours

For Information

Back to Top

Nurse Practitioner Postgraduate Certificate

The postgraduate certificate programs prepare individuals with a master's degree in nursing as adult gerontology primary care, family, psychiatric/mental health nurse and women's health nurse practitioners.

The postgraduate certificates are offered online by the Henry P. Becton School of Nursing and Allied Health.

Admission Requirements

- A grade point ratio (GPR) of 2.80 (inclusive of all college transcripts);
- Master of Science in Nursing (MSN) degree from an accredited nursing program in advanced practice patient care (e.g., Nurse Practitioner, Nurse Midwifery). Non-APN MSN program graduates are welcome to apply and can be offered a modified academic plan pending transcript review;
- New Jersey Registered Nurse (RN) licensure;
- English-language proficiency and
- Substantive health-care experience.

Optional/Preferred Requirements

- Letter(s) of recommendation.
- American Nurses Credentialing Center (ANCC) Psychiatric-Mental Health Nursing board certification (PMH-BC) preferred for psychiatric/mental health nurse practitioner applicants)
- Substantive health-care experience with population of interest.

Admission Prerequisite Courses for Postgraduate Certificate Programs

- Advanced Pharmacology: 3 credits (must have been taken within five years of entry into the program)
- Advanced Health Assessment: 3 credits (must have been completed within 10 years into the program)
- Advanced Pathophysiology: 3 credits (must have been completed within 10 years into the program)

Total credits required are determined on an individual basis after gap analysis of prior education and certification.

Maximum credits allowed for transfer: 6

Clinical Tracks

The postgraduate certificate programs offer clinical tracks in:

- Adult Gerontology Primary Care Nurse Practitioner (24 credits)
- Family Nurse Practitioner (24 credits)
- Psychiatric/Mental Health Nurse Practitioner (25 credits)
- Women's Health Nurse Practitioner (24 credits)

Adult-Gerontology Primary Care Nurse Practitioner Postgraduate Certificate

Graduates of the adult gerontology primary care nurse practitioner certificate program will be qualified to diagnose and treat clients with a wide variety of illnesses. Upon completion, students are eligible to take the adult gerontology primary care nurse practitioner examination (American Association of Nurse Practitioners [AANP] or American Nurses Credentialing Center [ANCC]) to become certified in the field.

Course Plan

Required Courses (24 credits)

- <u>NURS6632</u> Advanced Nursing: Primary Care of the Adult Gerontology I (6 credits)
- <u>NURS6633</u> Advanced Nursing: Primary Care of the Adult Gerontology II (6 credits)
- <u>NURS6634</u> Advanced Nursing: Primary Care of the Adult Gerontology III (6 credits)
- <u>NURS7755</u> Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)

Total credits required are determined on an individual basis after gap analysis of prior education and certification.

Total credits: 24

Total clinical hours: Maximum of 750 hours

Family Nurse Practitioner Postgraduate Certificate

Graduates of the family nurse practitioner certificate program will be qualified to diagnose and manage clients throughout the lifespan across a wide variety of acute, chronic and complex health problems, as well as provide guidance for health promotion and disease prevention. Upon completion, students are eligible to take the Family Nurse Practitioner certification exam (American Association of Nurse Practitioners [AANP] or American Nurses Credentialing Center [ANCC]) to become certified in the field.

Course Plan

Required Courses (24 credits)

- <u>NURS6632</u> Advanced Nursing: Primary Care of the Adult Gerontology I (6 credits)
- <u>NURS6633</u> Advanced Nursing: Primary Care of the Adult Gerontology II (6 credits)
- <u>NURS7755</u> Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)

• NURS7796 Advanced Nursing: Family Primary Care Women and Children (6 credits)

Total credits required are determined on an individual basis after gap analysis of prior education and certification.

Total credits: 24

Total clinical hours: Maximum of 750 hours

Psychiatric/Mental Health Nurse Practitioner Postgraduate Certificate

As psychiatric/mental health nurse practitioners, graduates will be qualified to diagnose and treat clients with a wide variety of mental illnesses, as well as provide guidance for mental-health promotion and disease prevention. Upon completion, graduates are eligible to take the Psychiatric/Mental Health Practitioner exam (American Nurses Credentialing Center [ANCC]) to become certified in the specialty.

Course Plan

Required Courses (25 credits)

- <u>NURS6501</u> Advanced Psychiatric/Mental Health Nursing Theory I: Families and Children (5 credits)
- <u>NURS6503</u> Advanced Psychiatric/Mental Health Nursing Theory II: Adults (5 credits)
- NURS6505 Advanced Psychiatric/Mental Health Nursing Theory III: Geriatrics (6 credits)
- <u>NURS6701</u> Psychopharmacology (3 credits)
- NURS7755 Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)

Total credits required are determined on an individual basis after gap analysis of prior education and certification.

Total credits: 25

Total clinical hours: Maximum of 750 hours

Women's Health Nurse Practitioner Postgraduate Certificate

As women's health nurse practitioners, graduates will be qualified to diagnose and manage clients throughout the lifespan across a wide array of acute, chronic and complex health problems, as well as provide guidance for health promotion and disease prevention. Student graduate with an MSN in advanced practice nursing (APN) degree, are eligible to become licensed/registered primary care providers/prescribers in the population focus and are eligible to take the Women's Health Nurse Practitioner certification exam (National Certification Center [NCC]) to become certified in the specialty.

Course Plan

Required Courses (24 credits)

- NURS6632 Advanced Nursing: Primary Care of the Adult Gerontology I (6 credits)
- <u>NURS7755</u> Advanced Practice Nursing Synthesis (6 credits)
- <u>NURS7756</u> Advanced Practice Nursing Synthesis Practicum (0 credits)
- <u>NURS7797</u> Advanced Nursing: Women's Health GYN (6 credits)
- NURS7798 Advanced Nursing: Women's Health OB (6 credits)

Total credits required are determined on an individual basis after gap analysis of prior education and certification.

Total credits: 24

Total clinical hours: Maximum of 750 hours

For Information

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Back to Top

Nursing Practice DNP

The FDU School of Nursing and Allied Health Doctor of Nursing Practice (DNP) program educates advanced-practice nurses and nurse executives with advanced knowledge in organizational leadership, systems, evidence-based practice, financial acumen, and education to lead innovations in nursing practice, educational institutions, healthcare and other nursing organizations.

The Executive Model DNP program prepares nurse leaders to translate nursing science in practice, collaborate with intra and interdisciplinary teams to develop solutions and attain positive healthcare outcomes for populations and communities.

The supporting DNP Handbook publication will be available on the Henry P. Becton School of Nursing and Allied Health website.

The DNP program is offered online by the Henry P. Becton School of Nursing and Allied Health.

Application Requirements

- Master's degree in nursing from the Commission on Collegiate Nursing Education (CCNE) or National League for Nursing (NLN)-accredited program.
- Grade point ratio (GPR) of 2.80.
- Copy of Licensure/Registration Certificate as a Registered Nurse.
- Relevant experience in advanced-practice nursing preferred.
- A reference attesting to the applicant's practice potential will strengthen the review process.

Degree Plan

All courses are 3 credits except where indicated.

- <u>NURS8008</u> Information Systems for Healthcare
- <u>NURS8010</u> Health Quality Assessment and Outcomes

- NURS8011 Leadership and Organizational Analysis
- NURS8017 Biostatistics and Epidemiology
- NURS8018 Health Promotion and Population Health
- NURS8019 Finance, Economics and Entrepreneurship
- NURS8020 Healthcare Delivery Systems and Public Policy
- NURS8021 Translational Research
- <u>NURS8022</u> Scientific Underpinnings for DNP Practice
- NURS8023 EBP Project 1: Proposal Development
- NURS8024 EBP Project 2: Implementation
- <u>NURS8025</u> EBP Project 3: Evaluation and Dissemination
- NURS8026 DNP Synthesis (1 credit)

A bridge program to the DNP program for nurses with a master's degree in another field is available. The program is offered under the auspices of the Henry P. Becton School of Nursing and Allied Health at the Metropolitan Campus, Teaneck, New Jersey.

For Information

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Back to Top

Occupational Therapy OTD

The Occupational Therapy (OTD) program is a two-and-a-half year, full-time, hybrid, cohort-based program consisting of 101 credits delivered over a period of eight semesters including summers. The curriculum includes courses focusing on foundational, practice and reinforcement and scholarship skills. Courses will occur in classrooms, lab facilities and in the field during Fieldwork Level I and Fieldwork Level II and the culminating capstone experience.

The program begins at the end of May each year. Students will begin and work through the program with a cohort of peers. FDU values the cohort model as an opportunity for students to build lifelong relationships while learning how to communicate and collaborate professionally. The OTD program values a low student-to-faculty ratio to enhance hands-on learning in the classroom.

The OTD program is offered by the School of Pharmacy and Health Sciences at the Florham Campus, Madison, New Jersey.

Admission Requirements

Application Process

All applications, including applicable documents, must be submitted and verified using the <u>Occupational</u> <u>Therapy Centralized Application Service</u> (OTCAS).

Admission to the Fairleigh Dickinson University School of Pharmacy and Health Sciences entry-level Occupational Therapy Doctorate program operates on a rolling-admission basis.

The OTCAS application opens each year in late July. The application deadline is April 15. The FDU occupational therapy program does not require a supplemental application.

Interview Process

Qualified applicants will be invited for a personal interview. Interviews are scheduled through the Admissions Office and include a faculty-led interview with a question-and-answer session.

Required Courses

Prior to matriculation, applicants to FDU's occupational therapy program should have earned a bachelor's degree or US equivalent.

- Eight semester hours of Anatomy and Physiology with Lab
- Three semester hours of Lifespan or Human Development or courses to include Childhood, Adolescent and Adult Development
- Three semester hours of Abnormal Psychology
- Three semester hours of Social Sciences (Sociology or Anthropology recommended)
- Three semester hours of Statistics
- One semester hour of Medical Terminology (online or self-paced course are accepted)

Grade Point Ratio (GPR)

Competitive applicants should have a cumulative GPR of 2.75 or better on a 4.00 scale. Applicants should have a grade of B- or better in all required courses.

Letters of Recommendation

Letters of recommendation are not required.

Observation Hours

Experience (observation, shadowing, work, volunteer) in health care is recommended but not required. However, experience will enhance a prospective student's application.

Criminal Background Checks and Drug Screen

A criminal background check and a drug screen are required for all matriculating students. The background check and drug screening are performed by Certiphi. Please be advised that any former criminal history may impact the ability to complete the program and receive certification from the National Board for Certification in Occupational Therapy (NBCOT).

Degree Plan

Professional Year 1

All courses are 3 credits except where indicated.

Summer (15 credits)

- <u>OTD6101</u> OT: History and Theory
- OTD6104 Professional Foundation and Ethics
- OTD6208 Health Conditions and Epidemiology
- OTD6212 Research I: Qualitative and Quantitative Methods
- OTD6305 Functional Anatomy and Kinesiology

Fall (Credits 17)

- <u>OTD6106</u> Activity Analysis and Occupational Adaptation
- <u>OTD6200</u> Practice Immersion I: Mental Health (4 credits)
- OTD6213 Research II: Mixed Methods and Statistics
- <u>OTD6299</u> Fieldwork Level 1A Mental Health (1 credit)
- <u>OTD6306</u> Neuroscience of Daily Living
- OTD6310 Movement and Adaptation

Spring (14 credits)

- <u>OTD6108</u> Assessments in Occupational Therapy (2 credits)
- <u>OTD6115</u> Interprofessional Collaborative Practice (1 credit)
- OTD6214 Cognition Across the Life Span (2 credits)
- <u>OTD6300</u> Practice Immersion II: Physical Rehabilitation (4 credits)
- <u>OTD6315</u> Upper Extremity Evaluation and Intervention
- OTD6399 Fieldwork Level IB: Physical Rehabilitation (1 credit)
- OTD7004 Capstone I (1 credit)

Professional Year 2

All courses are 3 credits except where indicated.

Summer (16 credits)

- OTD7000 Neuro-Rehabilitation
- OTD7006 Capstone II (1 credit)
- OTD7009 Fieldwork Seminar (1 credit)
- <u>OTD7100</u> Practice Immersion III: Pediatrics and Adolescence (4 credits)
- OTD7130 Seating, Positioning and Assistive Technology
- <u>OTD7199</u> Fieldwork Level 1C: Pediatrics and Adolescence (1 credit)
- <u>OTD8014</u> Health Care Management and Change

Fall (9 credits)

- OTD7008 Capstone III
- OTD7298 Fieldwork Level II A (6 credits)

Spring (9 credits)

- OTD7215 Interprofessional Healthcare Engagement
- OTD7299 Fieldwork Level II B (6 credits)

Professional Year 3

All courses are 3 credits except where indicated.

Summer (11 credits)

- OTD7115 Social and Institutional Determinants of Health
- OTD8008 Capstone IV
- OTD8012 Health Care Leadership and Advocacy (2 credits)
- OTD8016 Contemporary Concepts in Occupational Therapy Practice

Fall (10 credits)

- <u>OTD9000</u> Doctoral Capstone Experience (8 credits)
- <u>OTD9005</u> Doctoral Capstone Dissemination (2 credits)

For Information

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Back to Top

Orton Gillingham Teacher Graduate Certificate

This certificate is accredited by the International Multisensory Structured Language Education Council (IMSLEC) and is certified by the International Dyslexia Association (IDA). These organizations provide national accreditation and certification, respectively, to programs that prepare specialists in multisensory structured language education.

The certificate is offered by the Center for Dyslexia Studies of the Peter Sammartino School of Education at the Metropolitan Campus, Teaneck, New Jersey; and at offsite or partner locations.

Requirements

Specialization (12 credits)

- EDUC6813 Structured Literacy: Students with Reading Difficulties 1
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3

• EDUC7644 Structured Literacy: Students with Reading Difficulties 4

For Information

Mary Farrell, Director of Center for Dyslexia Studies, Peter Sammartino School of Education Professor of Education

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Back to Top

Orton Gillingham Teacher Trainer Graduate Certificate

The 36-credit Orton-Gillingham Teacher Trainer Certificate program is accredited by the International Multisensory Structured Language Education Council(IMSLEC). IMSLEC provides national accreditation to programs that prepare specialists in multisensory structured language education.

The certificate is offered by the Center for Dyslexia Studies of the Peter Sammartino School of Education at the Metropolitan Campus, Teaneck, New Jersey; and at offsite or partner locations.

Requirements

Foundation Courses (12 credits)

- <u>EDUC6610</u> History of Multisensory Instructional Methods for Students with Learning Disabilities/Dyslexia (required)
- EDUC6616 Language Acquisitions and Language Disorders (required)
- EDUC6626 Neurophysiological Basis of Learning Problems (required)
- <u>EDUC6740</u> Introduction to Students with Disabilities and Autistic Spectrum Disorders or <u>EDUC6746</u> Learning Environment and EffectiveManagement Teaching and Learning
- EDUC7620 Diagnosis of Dyslexia (required)

Specialization Courses (12 credits)

- EDUC6813 Structured Literacy: Students with Reading Difficulties 1
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3
- EDUC7644 Structured Literacy: Students with Reading Difficulties 4

One-credit Workshops

Choose three from the following:

- EDUC6612 Reading Comprehension
- EDUC6613 Written Expression
- EDUC6618 Students with Learning Disabilities: Social and Emotional Issues
- EDUC6624 Orton Gillingham Topics
- EDUC6641 Orton-Gillingham for Resource Center Teaching
- EDUC6648 Assistive Technology for Students with Dyslexia
- EDUC6737 Phonemic Awareness
- EDUC6752 K-4 Literature for Struggling Readers
- EDUC6862 Project Read: Reading Comprehension Report Form
- EDUC6880 Teaching Vocabulary to Students with LearningDisabilities

Electives in Reading (2 credits)

Advanced Coursework (6 credits)

- EDUC8611 Orton Gillingham Teacher Trainer Internship I
- EDUC8615 Orton Gillingham Teacher Trainer Internship 2

For Information

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Back to Top

Orton Gillingham Therapist Graduate Certificate

The 36-credit Orton-Gillingham Therapist Certificate program is accredited by the International Multisensory Structured Language Education Council (IMSLEC). IMSLEC provides national accreditation to programs that prepare specialists in multisensory structured language education.

The certificate is offered by the Center for Dyslexia Studies of the Peter Sammartino School of Education at the Metropolitan Campus, Teaneck, New Jersey; and at offsite or partner locations.

Requirements

Foundation Courses (12 credits)

- <u>EDUC6610</u> History of Multisensory Instructional Methods for Students with Learning Disabilities/Dyslexia (required)
- EDUC6616Language Acquisitions and Language Disorders (required)
- EDUC6626 Neurophysiological Basis of Learning Problems (required)
- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders or EDUC6746 Learning Environment and EffectiveManagement Teaching and Learning (Note: EDUC6740 is not required unless it was not taken in previous coursework.)
- EDUC7620 Diagnosis of Dyslexia (required)

Specialization Courses (12 credits)

- EDUC6813 Structured Literacy: Students with Reading Difficulties 1
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3
- EDUC7644 Structured Literacy: Students with Reading Difficulties 4

One-credit Workshops

Choose four from the following:

- <u>EDUC6612</u> Reading Comprehension
- EDUC6613 Written Expression
- EDUC6618 Students with Learning Disabilities: Social and Emotional Issues
- EDUC6624 Orton Gillingham Topics
- EDUC6641 Orton-Gillingham for Resource Center Teaching
- EDUC6648 Assistive Technology for Students with Dyslexia
- EDUC6737 Phonemic Awareness
- EDUC6752 K-4 Literature for Struggling Readers
- EDUC6862 Project Read: Reading Comprehension Report Form
- EDUC6880 Teaching Vocabulary to Students with LearningDisabilities

Electives in Reading (2 credits)

Advanced Coursework (9 credits)

- EDUC8612 Orton Gillingham Therapy Practicum 1
- EDUC8613 Orton Gillingham Therapy Practicum 2
- EDUC8630 Orton Gillingham Therapy Practicum 3

For Information

Mary Farrell, Director of Center for Dyslexia Studies, Peter Sammartino School of Education Professor of Education Back to Top

Orton-Gillingham Therapist Trainer Graduate Certificate

The 45-credit Orton-Gillingham Therapist Trainer Certificate program is accredited by the International Multisensory Structured Language Education Council (IMSLEC). IMSLEC provides national accreditation to programs that prepare specialists in multisensory structured language education.

The certificate is offered by the Center for Dyslexia Studies of the Peter Sammartino School of Education at the Metropolitan Campus, Teaneck, New Jersey; and at offsite or partner locations.

Requirements

Foundation Courses (12 credits)

- <u>EDUC6610</u> History of Multisensory Instructional Methods for Students with Learning Disabilities/Dyslexia (required)
- EDUC6616Language Acquisitions and Language Disorders (required)
- <u>EDUC6626</u> Neurophysiological Basis of Learning Problems (required)
- <u>EDUC6740</u> Introduction to Students with Disabilities and Autistic Spectrum Disorders or <u>EDUC6746</u> Learning Environment and EffectiveManagement Teaching and Learning
- EDUC7620 Diagnosis of Dyslexia (required)

Specialization Courses (12 credits)

- EDUC6813 Structured Literacy: Students with Reading Difficulties 1
- EDUC6814 Structured Literacy: Students with Reading Difficulties 2
- EDUC7633 Structured Literacy: Students with Reading Difficulties 3
- EDUC7644 Structured Literacy: Students with Reading Difficulties 4

One-credit Workshops

Choose three from the following:

- EDUC6612 Reading Comprehension
- EDUC6613 Written Expression
- EDUC6618 Students with Learning Disabilities: Social and Emotional Issues
- EDUC6624 Orton Gillingham Topics

- EDUC6641 Orton-Gillingham for Resource Center Teaching
- EDUC6648 Assistive Technology for Students with Dyslexia
- EDUC6737 Phonemic Awareness
- EDUC6752 K-4 Literature for Struggling Readers
- EDUC6862 Project Read: Reading Comprehension Report Form
- EDUC6880 Teaching Vocabulary to Students with LearningDisabilities

Electives in Reading (2 credits) Advanced Coursework (15 credits)

- EDUC8611 Orton Gillingham Teacher Trainer Internship 1
- EDUC8612 Orton Gillingham Therapy Practicum 1
- EDUC8613 Orton Gillingham Therapy Practicum 2
- EDUC8615 Orton Gillingham Teacher Trainer Internship 2
- EDUC8630 Orton Gillingham Therapy Practicum 3
- Therapist/Trainer Internship

For Information

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Back to Top

PA Studies MS

The MS in physician assistant (PA) studies program is committed to preparing future socially responsible professionals that possess the academic knowledge, clinical skills and professional attitudes requisite for providing compassionate patient-centered care in a dynamic health-care system. With that in mind, the program developed its mission and goals and designed a two-and-a-half-year curriculum that would provide learning experiences that promote the acquisition of those same skills.

The program is offered by the School of Pharmacy and Health Sciences at the Florham Campus, Madison, New Jersey.

Program Goals

• Create an inclusive, student-focused learning community of diverse members with a shared commitment to patient-centered care.

- Provide a foundation of sound medical knowledge and proficiency in clinical and technical procedural skills in preparation for clinical practice.
- Offer supervised clinical practice experiences in the range of medical specialties with diverse patients across the lifespan requiring varying acuities of care.
- Foster interprofessional collaboration and commitment to ethical standards.
- Promote service learning through local and global opportunities with diverse populations.
- Guide student development of medical research culminating in the dissemination of findings.
- Cultivate commitment to lifelong learning.

Admission Requirements

Application Process

Applications to the FDU PA program are accessible from the CASPA website.

A completed<u>Patient Care Experience Form</u>must be included in the CASPA application for each category of patient care, health-care-related experience and PA shadowing. Interested students must complete form(s), have them signed by the supervisor of the experience and upload these to the relevant category on the CASPA application. The CASPA application will also require the completion of the**FDU PA Program Supplemental Application**,which is included within the CASPA application. Applications will be reviewed in the order in which they are received.

Three letters of recommendation will be required which may be provided from employers, supervisors, professors or others who may be able to reflect on the applicant's professional and educational achievements and potential. These letters should be on formal letterhead and include the reference's contact information (i.e., email address, phone number or both). These letters should be uploaded via the CASPA application.

Interview for the PA Program

The most qualified applicants will be invited for a personal interview that will take place at the Fairleigh Dickinson University School of Pharmacy and Health Sciences and, from this group, a cohort of 40 students will be selected. The selection process will reflect on academic background and potential; health care, work and volunteer experiences; leadership skills; and motivation, understanding of the PA profession and professional responsibilities, professional demeanor and interpersonal/verbal skills.

Notification of Acceptance to the PA Program

All candidates will be notified of the admission committee's decision, which may include acceptance to the program or placement on a wait list. A ranked wait list from candidates who have been interviewed will be maintained. Placement on a wait list does not guarantee admission into the program. Should an accepted candidate withdraw from the program prior to the start of classes, the position will be offered to candidates on the wait list.

Admission Requirements (Education)

The educational requirements for admission include:

- Bachelor's or higher degree
- Completion of the following courses within the last ten years:
 Anatomy and Physiology I or Anatomy
 - Anatomy and Physiology II or Physiology

- o General Chemistry I
- o General Chemistry II
- o Genetics
- Microbiology
- o Organic Chemistry I
- o Organic Chemistry II or Biochemistry
- o Psychology
- o Statistics, Biostatistics or Applied Statistics
- Each of the above courses must be completed with a minimum grade of C+
- No more than two required courses outstanding at the time of application

Admission Requirements (Work/Volunteer Experience)

The PA program requires a minimum of 400 hours of patient care and health care-related experiences. It is strongly recommended that a minimum of 25 hours include PA shadowing to better familiarize oneself with the profession. The above hours can be obtained through work or volunteer commitments.

Advanced Placement

The PA program does not grant prospective or enrolled PA students a waiver of required coursework or advanced placement. Due to the sequential construction of the PA curriculum, PA students are required to attend all courses and rotations in the didactic and clinical phases and cannot advance in the curriculum without completing all curricular components. While the program requires prerequisite courses (such as anatomy, physiology, microbiology and genetics) prior to enrollment, those prerequisites do not substitute for more advanced medical science courses offered within the curriculum of the PA program.

Academic Standards for Enrollment

- Minimum overall grade point ratio (GPR) of 3.20,
- Minimum science GPR of 3.00 and
- Completion of all prerequisite courses.

Degree Plan

The PA program curriculum encompasses a 12-month **Didactic Phase** that includes classroom and laboratory instruction in the medical sciences, clinical medicine, clinical and procedural skills, professional topics and medical research.Students are exposed to diverse learning modalities through lectures, case-based problem-solving sessions; simulated case scenarios; and hands-on learning in the Virtual Cadaver, Physical Exam, Simulation and Procedural Labs. In addition, students partake in service learning in local and global communities; and learn about and actively participate in medical research.

The **Clinical and Advanced Clinical Phases**, 17 months in length, are dedicated to supervised practice experiences, research and enhancement of clinical and procedural skills. Clinical experiences take place at affiliate hospitals, clinics and other medical institutions in the urban northern New Jersey and Metropolitan New York area. Ten five-week blocks are dedicated to required and elective supervised clinical experiences in emergency, inpatient, outpatient, surgical, urgent care and long-term care settings that provide acute, chronic, emergent and preventative care to patients of diverse backgrounds across the lifespan (infants, children, adolescents, adults and elderly). Social responsibility and clinical learning are further enhanced through participation in medical service trips and elective international rotations.

In addition, students have dedicated time to work on their research projects (during a five-week block). This work is reflective of their professional and clinical interests and culminates in a thesis presentation and defense and the dissemination of findings at public forums. Time is also dedicated to simulated learning (an additional five-week block) focusing on the enhancement of clinical reasoning and problem solving, and the strengthening of clinical and technical procedure skills.

Course Distribution

The following lists all the courses in the curriculum (132 credits) identified in groupings by competencies.

Medical Knowledge: Medical Science (17 credits)

All courses are 3 credits except where indicated.

- <u>PHAS6100</u> Medical Science I Anatomy (4 credits)
- PHAS6120 Medical Science II Physiology
- PHAS6130 Medical Science III Pathophysiology and Genetics (4 credits)
- <u>PHAS6140</u> Pharmacology and Pharmacotherapeutics I
- <u>PHAS6150</u> Pharmacology and Pharmacotherapeutics II

Medical Knowledge: Social and Behavioral Sciences (2 credits)

• <u>PHAS6220</u> Mental Health and Wellness

Medical Knowledge: Clinical Medicine (15 credits)

All courses are 3 credits except where indicated.

- <u>PHAS6300</u> Family Medicine and Primary Care
- <u>PHAS6320</u> Maternal and Child Medicine (4 credits)
- <u>PHAS6340</u> Internal Medicine (4 credits)
- <u>PHAS6350</u> Emergency and Surgical Medicine (4 credits)

Interpersonal Skills and Professionalism (2 credits)

- <u>PHAS6400</u> Role of the PA (1 credit)
- PHAS6420 Case Studies in Medical Ethics (1 credit)

Patient Care: Clinical Skills (21 credits)

All courses are 3 credits except where indicated.

- PHAS6500 Clinical Skills I (4 credits)
- <u>PHAS6520</u> Clinical Skills II
- PHAS6530 Clinical Skills III
- <u>PHAS6560</u> Technical Skills I
- PHAS6570 Technical Skills II
- <u>PHAS7560</u> Simulated Interactive Medicine (5 credits)

Patient Care: Clinical Practice (50 credits)

All courses are 5 credits each.

- PHAS7500 SCPE in Behavioral and Mental Health
- PHAS7510 SCPE in Family Medicine and Primary Care
- PHAS7530 SCPE in Medicine and Long-term Care
- PHAS7531 SCPE in Medicine and Team-based Practice or PHAS7532 SCPE in Medicine and Cardiology or PHAS7533 SCPE in Medicine and Neurology or PHAS7535 SCPE in Medicine and Rehabilitative Care or PHAS7536 SCPE in Medicine and Ambulatory Care or PHAS7537 SCPE in Medicine and Endocrinology or PHAS7538 SCPE in Medicine and Infectious Disease or PHAS7539 SCPE in Medicine and Hematology/Oncology
- PHAS7540 SCPE in Pediatrics
- PHAS7550 SCPE in Women's Health
- PHAS8500 SCPE in Emergency Medicine
- PHAS8510 SCPE in Internal Medicine
- PHAS8520 SCPE in Surgery
- <u>PHAS8530</u> SCPE in Urgent Care Adult or <u>PHAS8535</u> SCPE in Urgent Care – Pediatrics or <u>PHAS8537</u> SCPE in Urgent Care – Occupational Medicine
- <u>PHAS8540</u> SCPE Clerkship I Advanced Health Care or <u>PHAS8545</u> SCPE Clerkship II –Advanced Procedure and Skill

Practice-based Learning: Clinical Reasoning (6 credits)

All courses are 2 credits each.

- PHAS7710 Clinical Reasoning and Problem Solving I
- PHAS7720 Clinical Reasoning and Problem Solving II
- PHAS8710 Clinical Reasoning and Problem Solving III

Practice-based Learning: Research (14 credits)

All courses are 2 credits except where indicated.

- PHAS6600 Analysis of Evidence-based Literature (1 credit)
- <u>PHAS7600</u> Research I: Research Methods
- PHAS7620 Research II: Study Designs
- PHAS7630 Research III: Data Collection and Analysis
- <u>PHAS7640</u> Research IV: Results and Conclusion
- <u>PHAS8650</u> Research Project (5 credits)

System-based Practice (5 credits)

- <u>PHAS6810</u> Public Health and Healthcare Delivery Systems (2 credits)
- PHAS7810 Global Practice of Medicine (1 credit)
- PHAS8810 Health Law and Professional Concepts (2 credits)

Course Sequencing

The following tables provide a listing of all of the courses in the curriculum (132 credits) identified sequentially by semester.

Didactic Phase: Winter-Spring 1 (19 credits)

All courses are 3 credits except where indicated.

- <u>PHAS6100</u> Medical Science I Anatomy (4 credits)
- PHAS6120 Medical Science II Physiology
- <u>PHAS6140</u> Pharmacology and Pharmacotherapeutics I
- <u>PHAS6220</u> Mental Health and Wellness (2 credits)
- <u>PHAS6400</u> Role of the PA (1 credit)
- PHAS6500 Clinical Skills I (4 credits)
- <u>PHAS6810</u> Public Health and Healthcare Delivery Systems (2 credits)

Didactic Phase: Summer 1 (16 credits)

All courses are 3 credits except where indicated.

- PHAS6130 Medical Science III Pathophysiology and Genetics (4 credits)
- PHAS6150 Pharmacology and Pharmacotherapeutics II
- PHAS6300 Family Medicine and Primary Care
- PHAS6520 Clinical Skills II
- PHAS6560 Technical Skills I

Didactic Phase: Fall 1 (20 credits)

All courses are 3 credits except where indicated.

- PHAS6320 Maternal and Child Medicine (4 credits)
- <u>PHAS6340</u> Internal Medicine (4 credits)
- <u>PHAS6350</u> Emergency and Surgical Medicine (4 credits)
- PHAS6420 Case Studies in Medical Ethics (1 credit)
- PHAS6530 Clinical Skills III
- PHAS6570 Technical Skills II
- PHAS6600 Analysis of Evidence-based Literature (1 credit)

Clinical Phase I: Spring 2 (14 credits)

All courses are 5 credits except where indicated.

- <u>PHAS7560</u> Simulated Interactive Medicine
- PHAS7600 Research I: Research Methods (2 credits)
- PHAS7710 Clinical Reasoning and Problem Solving I (2 credits)
- Patient Care: Clinical Practice Competency

 SCPE 1

 $\circ \,\, SCPE \, 2$

Clinical Phase I: Summer 2 (19 credits)

All courses are 5 credits except where indicated.

- PHAS7620 Research II: Study Designs (2 credits)
- <u>PHAS7720</u> Clinical Reasoning and Problem Solving II (2 credits)
- Patient Care: Clinical Practice Competency
 - SCPE 3
 - o SCPE 4
 - SCPE 5

Clinical Phase II: Fall 2 (19 credits)

All courses are 5 credits except where indicated.

- PHAS7630 Research III: Data Collection and Analysis (2 credits)
- PHAS8710 Clinical Reasoning and Problem Solving III (2 credits)
- Patient Care: Clinical Practice Competency
 - SCPE 6
 - o SCPE 7
 - o SCPE 8

Clinical Phase II: Spring 3 (20 credits)

All courses are 5 credits except where indicated.

- PHAS7640 Research IV: Results and Conclusion (2 credits)
- PHAS7810 Global Practice of Medicine (1 credit)
- <u>PHAS8650</u> Research Project (5 credits)
- PHAS8810 Health Law and Professional Concepts (2 credits)
- Patient Care: Clinical Practice Competency
 - o SCPE 9
 - SCPE 10
 - SCPE 11
 - o SCPE 12

For Information

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Back to Top

Pharmacy PharmD

The Fairleigh Dickinson University School of Pharmacy and Health Sciences is one of only two degreegranting pharmacy schools in New Jersey and is the first in the state to be associated with a private university. It offers a variety of classroom, lab and experiential opportunities to meet the learning styles of today's students and prepare them for exciting and successful careers in the 21st century.

The school's Doctor of Pharmacy (PharmD) program of study integrates the very best practices in pharmacy education today. Students will:

- Have the option to specialize in a concentrated area of study and earn a master's-level degree concurrently with the PharmD degree.
- Participate in new partnerships with pharmacy leaders in industry, retail, government and hospitals who will provide mentoring, guidance, and resources.
- Benefit from the strengths of a small college environment, yet learn from top-tier faculty in new facilities specifically designed for the School of Pharmacy and Health Sciences.

The PharmD program is offered by the School of Pharmacy and Health Sciences at the Florham Campus, Madison, New Jersey.

Admission Requirements

Application Process

The School of Pharmacy and Health Sciences operates on a rolling admissions basis for the PharmD program. Application review begins early fall and continues into the spring semester each year. Due to the limited seats available in each entering class, it is recommended that applicants submit their applications early for review.

The school utilizes the <u>Pharmacy College Application Service</u> (PharmCAS), a centralized service that allows applicants to use a single application to apply to multiple programs. PharmCAS collects and processes the applications and forwards them to the school. Applicants submit a web-based application comprised of biographical data, postsecondary institutions attended, academic course history, work experience, extracurricular activities and a personal statement. Transcripts and letters of recommendation are sent directly to PharmCAS. The PharmCAS deadline for entering in the fall semester is June 1.

Interview Process

As applications are reviewed by the School of Pharmacy and Health Sciences admissions staff, qualified candidates for admission in the PharmD program will be invited for an interview. Interview invitations are extended beginning early fall and continue through the spring semester. Interviews are required.

Requirements

The School of Pharmacy and Health Sciences selects students based on prepharmacy academic performance, personal interviews, written applications and letters of recommendation.

Required Courses

Prior to matriculation, applicants to the School of Pharmacy and Health Sciences should complete 66 semester hours of coursework at any regionally accredited college or university, including the following required courses:

• 8 semester hours General Biology with Lab

- 8 semester hours Anatomy and Physiology with Lab
- 8 semester hours General Chemistry with Lab
- 8 semester hours Organic Chemistry with Lab
- 4 semester hours Physics with Lab
- 3 semester hours Calculus
- 3 semester hours Statistics
- 3 semester hours English
- 21 semester hours Free electives (It is recommended applicants take speech or professional communication, economics and microbiology as a part of free electives.)
- 66 semester hours Total

Preference will be given to applicants with a bachelor's degree.

Grade Point Ratio (GPR)

Applicants should have a cumulative GPR of 2.70 or better on a 4.00 scale. Applicants should have a prerequisite GPR of 2.75 or better on a 4.00 scale, with no prerequisite course grade lower than a C-. A cumulative and prerequisite GPR of 3.00 or better is recommended.

Two Letters of Recommendation

Two references, one academic reference and the second reference can be from anyone who is not a relative (preferably professional or supervisor). A pharmacist is highly recommended but not required). Letters of recommendation should be submitted directly to PharmCAS (Pharmacy College Application Service).

Degree Plan

There are differences in the degree requirements for the PharmD Class of 2025 and the Class of 2024. See applicable curriculum listed below.

Requirements: PharmD Graduating Class of 2025

First Professional Year Fall (P1)

- PHRM6100 Foundations in Pharmaceutical Sciences: Medicinal Chemistry, Pharmacology
- <u>PHRM6101</u> Foundations in Basic Biomedical Sciences: An Introduction to Pathology/Pathophysiology/Microbiology/Immunology
- <u>PHRM6200</u> Introduction to Pharmacokinetics
- PHRM6201 Physical Pharmacy
- PHRM6211 Pharmaceutical Calculations I
- PHRM6300 Evidence Based Practice I
- PHRM6401 Professional Pharmacy Practice I: Health Care Delivery
- <u>PHRM6700</u> Pharmacy Beyond the Curriculum: Foundations in Pharmacy Education

First Professional Year Spring (P1)

• PHRM6102 Integrated Pharmacotherapy: Gastrointestinal

- PHRM6104 Integrated Pharmacotherapy: Cardiology/Pulmonary I
- PHRM6202 Applied Biopharmaceutics and Pharmacokinetics
- <u>PHRM6203</u> Genetics and Pharmacogenomics
- <u>PHRM6212</u> Pharmaceutical Calculations II
- PHRM6402 Professional Pharmacy Practice II: Communication in Health Care
- <u>PHRM6701</u> Pharmacy Beyond the Curriculum: Foundations in Pharmacy Education

Second Professional Year Fall (P2)

- PHRM7105 Integrated Pharmacotherapy: Neurology/Psychiatry/ Anesthesiology
- <u>PHRM7106</u> Integrated Pharmacotherapy: Infectious Disease
- PHRM7111 Integrated Pharmacotherapy II: Conceptual Connections and Patient Care
- PHRM7201 Dosage Forms and Drug Delivery Systems I
- <u>PHRM7300</u> Evidence Based Practice II
- PHRM7700 Pharmacy Beyond the Curriculum: Expanding Horizons
- Elective

Second Professional Year Spring (P2)

- <u>PHRM7107</u> Integrated Pharmacotherapy: Cardiology/Pulmonary II
- <u>PHRM7108</u> Integrated Pharmacotherapy: Endocrine/Urinary Tract/Renal and Reproductive Health
- PHRM7112 Integrated Pharmacotherapy III: Conceptual Connections and Patient Care
- PHRM7202 Dosage Forms and Drug Delivery Systems II
- <u>PHRM7303</u> Evidence Based Practice III
- PHRM7701 Pharmacy Beyond the Curriculum: Expanding Horizons
- Elective

Third Professional Year Fall (P3)

- <u>PHRM8109</u> Integrated Pharmacotherapy: Immunologic, Rheumatologic and Hematologic Disorders
- PHRM8110 Integrated Pharmacotherapy: Oncology
- PHRM8111 Integrated Pharmacotherapy IV: Conceptual Connections and Patient Care
- <u>PHRM8302</u> Public Health for Pharmacists
- PHRM8321 Health Care Ethics and Team Decision-Making
- PHRM8322 Professional Pharmacy Practice III: Pharmacy Practice Law
- <u>PHRM8701</u> Pharmacy Beyond the Curriculum: Preparing Practitioners
- Elective
- Elective

Third Professional Year Spring (P3)

• PHRM8112 Integrated Pharmacotherapy V: Conceptual Connections and Patient Care

- PHRM8121 Integrated Pharmacotherapy: Critical Care and Toxicology
- <u>PHRM8122</u> Integrated Pharmacotherapy: OTC Preparations/Self-Care/Dermatology/Special Populations
- <u>PHRM8301</u> Pharmacoeconomics and Health Outcomes
- PHRM8402 Professional Pharmacy Practice IV: Pharmacy Leadership and Management
- PHRM8701 Pharmacy Beyond the Curriculum: Preparing Practitioners
- Elective
- Elective

Fourth Professional Year

- PHRM9900 Pharmacy Capstone I (Fall)
- <u>PHRM9901</u> Pharmacy Capstone II (Spring)
- Core APPE
 - PHRM9101 APPE I Community
 - <u>PHRM9102</u> APPE II Institutional
 - o PHRM9103 APPE III Ambulatory Care
 - o <u>PHRM9104</u> APPE IV Acute Care/Internal Medicine
- Elective APPE
 - PHRM9XXX Elective
 - PHRM9XXX Elective
 - PHRM9XXX Elective
 - PHRM9XXX Elective

Requirements: PharmD Graduating Class of 2024

First Professional Year Fall (P1)

- <u>PHRM6100</u> Foundations in Pharmaceutical Sciences: Pharmacology, Medicinal Chemistry, Pharmacokinetics
- <u>PHRM6101</u> Foundations in Integrated Pharmacotherapy: An introduction to Pathophysiology, Genetics, Microbiology, and Delivery of Care
- PHRM6201 Pharmaceutics I: Physical Pharmacy
- PHRM6211 Pharmaceutical Calculations I
- PHRM6301 Medical Communication and Technical Writing
- PHRM6321 Pharmacy Practice Law
- PHRM6401 Professional Pharmacy Practice I: Health Care Delivery
- PHRM6700 Pharmacy Beyond the Curriculum: Foundations in Pharmacy Education

First Professional Year Spring (P1)

- PHRM6102 Integrated Pharmacotherapy II: Gastrointestinal
- <u>PHRM6103</u> Integrated Pharmacotherapy III: Dermatology, Over-the-Counter Remedies, Selfcare

- PHRM6104 Integrated Pharmacotherapy IV: Cardiology & Pulmonology I
- <u>PHRM6111</u> Integrated Pharmacotherapy II-IV: Conceptual Connections and Patient Care
- PHRM6202 Pharmaceutics II: Oral Dosage Forms and Biopharmaceutics/ Pharmacokinetics
- PHRM6212 Pharmaceutical Calculations II
- PHRM6402 Professional Pharmacy Practice II: Communication in Health Care
- PHRM6701 Pharmacy Beyond the Curriculum: Foundations in Pharmacy Education

Second Professional Year Fall (P2)

- PHRM7105 Integrated Pharmacotherapy V: Neurology, Psychiatry, Anesthesiology
- <u>PHRM7106</u> Integrated Pharmacotherapy VI: Infectious Disease
- PHRM7111 Integrated Pharmacotherapy V-VI: Conceptual Connections and Patient Care
- PHRM7201 Pharmaceutics III: Dosage Forms and Compounding
- PHRM7301 Biostatistics
- PHRM7401 Professional Pharmacy Practice III: Drug Information, Informatics and Toxicology
- PHRM7700 Pharmacy Beyond the Curriculum: Expanding Horizons
- Elective

Second Professional Year Spring (P2)

- <u>PHRM7107</u> Integrated Pharmacotherapy VII: Cardiology, Pulmonology and Eye Disorders
- PHRM7108 Integrated Pharmacotherapy VIII: Endocrine, Urinary Tract, Reproductive Health
- PHRM7112 Integrated Pharmacotherapy VII-VIII: Conceptual Connection and Patient Care
- PHRM7202 Pharmaceutics IV: Sterile Products and Biopharmaceuticals
- PHRM7302 Epidemiology and Study Design Evaluation
- Elective

Third Professional Year Fall (P3)

- <u>PHRM8109</u> Integrated Pharmacotherapy IX: Autoimmune Diseases, Rare Diseases and Special Populations
- PHRM8110 Integrated Pharmacotherapy X: Hematology/Oncology
- PHRM8111 Integrated Pharmacotherapy IX-X: Conceptual Connections and Patient Care
- PHRM8302 Public Health and the Global Mission in Pharmacy
- PHRM8321 Healthcare Ethics and Team Decision Making
- <u>PHRM8700</u> Pharmacy Beyond the Curriculum: Preparing Practitioners
- Elective

Third Professional Year Spring (P3)

- <u>PHRM8112</u> Integrated Pharmacotherapy I-X: A Whole System Overview and Effecting Patient Care
- PHRM8201 Pharmacogenomics and Personalized Medicine
- PHRM8301 Pharmacoepidemiology, Pharmacoeconomics and Health Outcomes

- PHRM8402 Professional Pharmacy Practice IV: Pharmacy Leadership and Management
- <u>PHRM8701</u> Pharmacy Beyond the Curriculum: Preparing Practitioners
- Elective
- Elective
- Elective

Fourth Professional Year

- PHRM9900 Pharmacy Capstone I (Fall)
- <u>PHRM9901</u> Pharmacy Capstone II (Spring)
- Core APPE
 - PHRM9101 APPE I Community
 - PHRM9102 APPE II Institutional
 - <u>PHRM9103</u> APPE III Ambulatory Care
 - o PHRM9104 APPE IV Acute Care/Internal Medicine
- Elective APPE
- PHRM9XXX Elective
- PHRM9XXX Elective
- PHRM9XXX Elective
- PHRM9XXX Elective

For Information

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Back to Top

Pharmacy PharmD plus MBA or other Masters: dual degree

Doctoral students in the School of Pharmacy and Health Sciences may also earn a Master of Public Administration (MPA) degree with a specialization in health services administration. This dual degree is offered by the School of Public and Global Affairs and the School of Pharmacy and Health Sciences at the Florham Campus, Madison, New Jersey, and online.

Admission Requirement

Must be a current PharmD student in good standing, with a minimum grade point ratio (GPR) of 2.70.

Degree Plan

General Requirements (18 credits)

Foundation Courses (__ credits)

- PADM6600 Public and Nonprofit Management
- <u>PADM6601</u> Organization Theory or <u>MGMT6012</u> Organizational Behavior and Leadership
- <u>PADM6602</u> Budgeting and Finance
- <u>PADM6603</u> Public Policy Administration or <u>PADM7814</u> Health Policy and the Public
- <u>PADM6604</u> Human Resources Management
- PADM6610 Quantitative Methods for Administrators or PADM7733 Quantitative Methods for Health Administrators or DSC15012 Statistical Data Analysis or PHRM6231 Biostatistics
- PHRM8402 Professional Pharmacy Practice IV: Pharmacy Leadership and Management

Capstone (3 credits)

• <u>PADM6821</u> MPA Project Report or <u>PADM6822</u> MPA Thesis or <u>PHRM9900</u> Pharmacy Capstone

Internship (5 credits)

Students are required to complete eight Advanced Practice Experiences in their last year and the experience at the New Jersey Pharmacist Association for the MPA requirement

• PHRM9201–PHRM9518 Advanced Pharmacy Practice Experience

Health Services Administration Specialization (16–19 credits)

- <u>PADM6801</u> Seminar in Strategic Management
- PADM6802 Strategic Health Services Management
- <u>PADM6803</u> Elder Care: Legal Issues
- PADM7730 Health Care Project Management
- PADM7731 Introduction to Health Systems and Policy
- <u>PADM7732</u> Health Finance and Control Systems
- PADM7734 Managing the Continuum of Care
- <u>PADM7735</u> Comparative Health Systems
- <u>PADM7736</u> Integrated Health Care Systems
- PADM7737 Ethical and Legal Issues in Health Care

- PADM7738 Contemporary Health Administrative Issues
- PADM7791 Global Health Issues
- PADM7814 Health Policy and the Public

Also applicable to the health services specialization are:

- ACCT5012 Financial Accounting: End-User Applications
- ACCT6012 Managerial Accounting Applications
- <u>MGMT5012</u> Foundations of Management
- <u>PHRM5605</u> Pharmacy Care Law and Ethics
- <u>PHRM6401</u> Professional Pharmacy Practice I: Health Care Delivery
- PHRM6402 Professional Pharmacy Practice II: Communication in Health Care
- PHRM7302 Epidemiology and Study Design Evaluation
- PHRM8301 Pharmacoepidemiology, Pharmacoeconomics and Health Outcomes
- <u>PHRM8302</u> Public Health for Pharmacists
- <u>PHRM8402</u> Professional Pharmacy Practice IV: Pharmacy Leadership and Management

PHRM credits applied to MPA: 24

PADM or equivalent credits: 21

Total: 42

A minimum of 42 credits and a minimum grade point ratio (GPR) of 3.00 is required for MPA graduation. Grades of C and below do not count toward graduation in the MPA. Students who receive more than two grades of C or lower are dismissed from the MPA program. Students are required to consult with an academic adviser to assess performance and plan future coursework.

Course Planner

P1 Year Fall (5 credits)

- <u>PHRM5605</u> Pharmacy Care Law and Ethics
- <u>PHRM6401</u> Professional Pharmacy Practice I: Health Care Delivery

P1 Year Spring (2 credits)

• PHRM6402 Professional Pharmacy Practice II: Communication in Health Care

P2 Year Fall (5 credits)

- <u>PADM6603</u> Public Policy Administration
- <u>PHRM6231</u> Biostatistics

P2 Year Spring (6 credits)

- PADM6600 Public and Nonprofit Management
- PHRM7302 Epidemiology and Study Design Evaluation

P3 Year Fall (8 credits)

- PADM6604 Human Resources Management
- PHRM8301 Pharmacoepidemiology, Pharmacoeconomics and Health Outcomes
- <u>PHRM8302</u> Public Health for Pharmacists

P3 Year Spring (5 credits)

 PADM7731 Introduction to Health Systems and Policy or PADM7732 Health Finance and Control Systems or PADM7734 Managing the Continuum of Care or PADM7735 Comparative Health Systems or PADM7736 Integrated Health Care Systems or PADM7737 Ethical and Legal Issues in Health Care or PADM7738 Contemporary Health Administrative Issues or PADM7791 Global Health Issues or PADM7814 Health Policy and the Public

• PHRM8402 Professional Pharmacy Practice IV: Pharmacy Leadership and Management

P4 Year Fall (11 credits)

- ACCT5012 Financial Accounting: End-User Applications
- ACCT6012 Managerial Accounting Applications
- PADM6602 Budgeting and Finance
- PADM7731 Introduction to Health Systems and Policy or PADM7732 Health Finance and Control Systems or PADM7734 Managing the Continuum of Care or PADM7735 Comparative Health Systems or PADM7736 Integrated Health Care Systems or PADM7737 Ethical and Legal Issues in Health Care or PADM7738 Contemporary Health Administrative Issues or PADM7791 Global Health Issues or PADM7814 Health Policy and the Public

Capstone (3 credits)

• <u>PADM6821</u> MPA Project Report or <u>PADM6822</u> MPA Thesis or <u>PHRM9900</u> Pharmacy Capstone

Internship (5 credits)

• <u>PHRM9201–PHRM9518</u> Advanced Pharmacy Practice Experience

For Information

mpa@fdu.edu

Tracy Templin

Executive Director for Admissions and Enrollment Operations, School of Pharmacy and Health Sciences

Back to Top

Political Science MA

This program provides an integration of disciplines and areas of interest in political science and international affairs. The MA in political science aims to give students a well-rounded education and understanding of the dynamic changes currently taking place in the international community. The degree requires the successful completion of 33 credits — 12 credits of required courses and 21 credits of electives depending on the student's area of interest.

The MA in political science is offered by the department of social sciences and history, Maxwell Becton College of Arts and Sciences, at the Metropolitan Campus, Teaneck, New Jersey.

Program Outcomes

- Research and analytic methods
- Critical thinking skills
- Effective communication skills
- Information and technological literacy
- Ethical and professional behavior

Admission Requirements

Admission to the program is based on an applicant's demonstrated interest, aptitude and motivation to successfully undertake and complete master's-level studies. This will be determined by the following requirements and indicators:

- A bachelor's degree from an accredited college or university
- Official transcripts from all institutions of higher learning attended
- A cumulative undergraduate grade point ratio (GPR) of at least 3.00 on a 4.00 scale
- Performance on the Graduate Record Examination (GRE), which may be waived
- Two letters of recommendation attesting to the applicant's interest and ability to undertake graduate-level studies
- Personalized interviews may be considered by the department's Admission Committee
- Applicants under consideration may be required to submit a research paper that demonstrates their ability for effective writing

NOTE: Waivers for applicants who do not meet the GPR or standardized GRE test scores will be considered on an individual basis.

Degree Plan

The MA in political science requires successful completion of 33 credits. Students will either research and write a master's thesis or pass a comprehensive exam (<u>POLS6800</u> Graduate Independent Study).

Required Major Courses (12 credits)

The following four courses represent the core curriculum for the MA in political science and are required of all students in the program.

- <u>CRIM6025</u> Social Science Research Methods/Statistics
- POLS6800 Graduate Independent Study
- <u>POLS7820</u> Models of Political Systems
- POLS7826 Politics of Public Policy

Electives (21 credits)

Students can choose from any of the following courses to fulfill their remaining 21 credits. All electivecourse selections must be made in consultation with an academic adviser. Courses are interdisciplinary, consisting of the political science, history and criminal justice fields, respectively.

- <u>CRIM6010</u> U.S. Constitution, Public Policy and Criminal Justice
- <u>CRIM6015</u> Research Methods in Criminal Justice and Criminology
- <u>CRIM6020</u> Statistics and Data Analysis
- <u>CRIM7020</u> Ethics, Politics and Justice
- <u>CRIM7025</u> Comparative Criminal Justice Systems
- <u>CRIM7030</u> Principles of Leadership
- <u>CRIM7080</u> Politics and Policies of Criminal Justice
- <u>CRIM7084</u> Transnational Crime and Global Issues
- <u>CRIM7085</u> Advanced Internship in Criminal Justice
- HIST6714 U.S. and the Developing World
- HIST7712 Constitution: Transition
- <u>POLS6682</u> Diplomatic History of the U.S.
- POLS6711 Genocide: American Perspective
- POLS6753 American Culture in a Global Perspective
- POLS6871 U.S. Latin American Relations
- <u>POLS7810</u> Constitutional Issues/U.S. Foreign Policy
- <u>POLS7815</u> Nationalism and Its Discontents
- <u>POLS7820</u> Models of Political Systems
- POLS7821 Modern Political Theory
- POLS7822 The Character of Revolutionary Movements
- POLS7825 Foreign Policy and Diplomacy
- <u>POLS7830</u> International Organizations
- <u>POLS7831</u> International Law
- POLS7832 International Problems and Conflict Resolution
- POLS7833 Modern Warfare and Global Stability

- <u>POLS7834</u> Politics of the Global Economy
- POLS7835 Geography and World Politics
- POLS7851 Forces and Issues: Middle East
- POLS7853 The New Europe
- <u>POLS7854</u> Changing Eastern Europe
- POLS7863 Comparative Government: Middle East
- POLS7867 Political and Economic Challenges: Africa
- POLS7868 Terrorism and Insurgency
- POLS7871 The Modern Asian State
- POLS7874 Latin America: New Challenges
- POLS7875 Canada, Mexico and U.S.: Perspectives

For Information

Chris Rasmussen, Deputy Chair, Social Sciences and History Department, Maxwell Becton College of Arts and Sciences

Professor of History <u>chrisr@fdu.edu</u> 201-692-2416

Back to Top

Postbac Certification: Early Childhood (P-3)

Teachers of young children must be proficient in research-based best practices that support quality teaching and learning. The Peter Sammartino School of Education offers a 24-credit alternate route pathway or a 27-credit traditional pathway leading to New Jersey certification in Early Childhood (P–3) with the option of completing an additional 9–12 credits to earn the 36-credit Master of Arts in Teaching (MAT) degree.

Candidates for New Jersey certification and/or the MAT degree are responsible for obtaining academic advising, following the approved plan of courses and maintaining good academic standing according to the School of Education and FDU policies.

The Early Childhood (P-3) certificate is offered online by the Peter Sammartino School of Education.

Requirements

Required Courses for All Pathways (15 credits)

- EDUC6818 Language Development and Literacy I
- EDUC6821 Early Elementary Mathematics: Content and Pedagogy
- EDUC6835 Effective Teaching, Effective Schools
- EDUC6852 Curriculum Development and Assessment for the Preschool to 3rd Grade Classroom
- EDUC6853 Family and Community in Education

Courses Required for Traditional Pathway Certification and Degree

(12 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice
- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II

Courses Required for Alternative Route Pathway Certification and Degree (9 credits)

- EDUC6571 Clinical Teaching Internship and Seminar I
- EDUC6572 Clinical Teaching Internship and Seminar II
- EDUC6921 Clinical Teaching Internship and Seminar III
- EDUC6923 Clinical Teaching Internship and Seminar IV
- EDUC6931 Diversity, Equity and Justice in Schools and Society

Additional Courses for Traditional and Alternate Route to Complete MAT Degree (9–10 credits)

- EDUC5501 Educational Technologies
- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- <u>EDUC6851</u> Child Development from Birth to Age Eight (This requirement for licensure may be waived if candidate took Child Development as an undergraduate course.)
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project

Additional Electives for Alternative Route to Complete MAT Degree

(6 credits)

• EDUCXXXX Graduate Electives with approval of adviser

For Information

Kathryn Spence, Director, Peter Sammartino School of Education Associate Professor of Education <u>kspence@fdu.edu</u> 201-692-2827

Back to Top

Postbac Certification: Elementary Education K-6

Teachers of elementary-age students must be proficient in the design and delivery of instruction, student assessment, classroom management and other research-based best practices that support quality teaching and learning.

The Peter Sammartino School of Education offers a 24-credit Alternate Route pathway or a 27-credit Traditional pathway leading to New Jersey certification in elementary education (K–6) with the option of completing an additional 9–12 credits to earn the 36-credit Master of Arts in Teaching (MAT) degree.

Candidates for New Jersey certification and/or the MAT degree are responsible for working collaboratively with their school's faculty adviser; following the approved plan of courses; meeting all program requirements; and maintaining good academic standing according to the New Jersey Department of Education, School of Education and FDU policies.

The Postbaccalaureate CEAS Elementary Education K–6 program is offered by the Peter Sammartino School of Education online; at the Florham Campus, Madison, New Jersey; and at the Metropolitan Campus, Teaneck, New Jersey.

Requirements

Required Courses for Certification (15 credits)

- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- EDUC6818 Language Development and Literacy I
- EDUC6821 Early Elementary Mathematics: Content and Pedagogy
- EDUC6822 Upper Elementary Mathematics: Content and Pedagogy
- EDUC6835 Effective Teaching and Effective Schools

Required Courses for Traditional Pathway Certification and Degree

(12 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice

- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II

Required Courses for Alternate Route Pathway Certification and Degree

(9 credits)

- EDUC6571 Clinical Teaching Internship and Seminar I
- EDUC6572 Clinical Teaching Internship and Seminar II
- EDUC6921 Clinical Teaching Internship and Seminar III
- EDUC6923 Clinical Teaching Internship and Seminar IV
- EDUC6931 Diversity, Equity and Justice in Schools and Society

Additional Courses to Complete MAT Degree (Both Traditional and Alternate Route) (6–9 credits)

- <u>EDUC5501</u> Educational Technologies
- EDUC6819 Language Development and Literacy II
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project

Additional Electives for Alternate Route to Complete MAT Degree

(6 credits)

• EDUCXXXX Graduate Electives with approval of adviser

Praxis I and II Exams Required for Certification

Candidates also must:

- Pass the Praxis ICore Academic Skills for Educators exams (5713, 5723, 5733);
- Pass the Praxis II Test(s) required for elementary education certification; and
- Complete the required courses and credits in an approved teacher certification program with a cumulative grad point ratio (GPR) of 3.00 or higher.

NOTE: Certification requirements often change. For the most up-to-date information about <u>requirements</u> and the minimum passing scores on these <u>exams</u>, visit the New Jersey Department of Education. For suggestions and other information for preparing for the Praxis tests <u>click here</u>.

For Information

Kathryn Spence, Director, Peter Sammartino School of Education Associate Professor of Education

Back to Top

Postbac Certification: Secondary Education K-12 (NJ Certificate)

Secondary school teachers must be proficient in the design and delivery of instruction, classroom organization and management, and other research-based best practices that support quality teaching and learning.

The Peter Sammartino School of Education offers a 24-credit Alternate Route pathway or a 27-credit Traditional pathway leading to New Jersey certification in secondary education with the option of completing an additional 9–12 credits to earn the 36-credit Master of Arts in Teaching (MAT) degree.

Candidates pursuing certification to teach at the secondary level must have bachelor's degree with at least 30 credits in a coherent sequence of courses in the subject area to be taught (e.g., mathematics, social studies, chemistry, biology, etc.) or in the discipline taught.

They must also meet the following requirements:

- Pass the Praxis ICore Academic Skills for Educators exams (5713, 5723, 5733);
- Pass the Praxis II Test(s) required for certification; and
- Complete the required courses and credits in an approved teacher certification program with a cumulative grade point ratio (GPR) of 3.00 or higher.

NOTE: Certification requirements often change. For the most up-to-date information about <u>requirements</u> and the minimum passing scores on these <u>exams</u>, visit the New Jersey Department of Education. For suggestions and other information for preparing for the Praxis tests <u>click here</u>.

Candidates for New Jersey certification and/or the MAT degree are responsible for working collaboratively with their school's faculty advisers; following the approved plan of courses; meeting all program requirements; and maintaining good academic standing according to the New Jersey Department of Education, School of Education and FDU policies.

The Postbaccalaureate CEAS Secondary Education K–12 program is offered by the Peter Sammartino School of Education online; at the Florham Campus, Madison, New Jersey; and at the Metropolitan Campus, Teaneck, New Jersey.

Requirements

Required Courses for All Pathways (12 credits)

- EDUC6651 Effective Reading Instruction
- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- EDUC6835 Effective Teaching and Effective Schools

• EDUC6893 Evaluation and Measurement in Education

Teaching-methods Courses for Certification (3 credits)

Candidates must complete the appropriate 3-credit graduate teaching-methods course in the discipline most closely related to the secondary certification sought, including:

 EDUC6562 Standards-based Curriculum and Methodology: Secondary English or EDUC6566 Standards-based Curriculum and Methodology: Secondary Science or EDUC6568 Standards-based Curriculum and Methodology: Secondary Social Studies or EDUC6569 Standards-based Curriculum and Methodology: Art or EDUC6570 Standards-based Curriculum and Methodology: Secondary Mathematics

Required Courses for Traditional Pathway Certification and Degree

(12 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice
- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II

Required Courses for Alternate Route Pathway Certification and Degree

(9 credits)

- EDUC6571 Clinical Teaching Internship and Seminar I
- EDUC6572 Clinical Teaching Internship and Seminar II
- EDUC6921 Clinical Teaching Internship and Seminar III
- EDUC6923 Clinical Teaching Internship and Seminar IV
- EDUC6931 Diversity, Equity and Justice in Schools and Society

Additional Courses to Complete MAT Degree (Both Traditional and Alternate Route) (3–6 credits)

- <u>EDUC5501</u> Educational Technologies
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project

Additional Courses to Complete MAT Degree (6–9 credits)

• EDUCXXXX Graduate Electives with approval of adviser

For Information

Kathryn Spence, Director, Peter Sammartino School of Education Associate Professor of Education <u>kspence@fdu.edu</u> 201-692-2827

Back to Top

Postbac Dual Certification: P-3 and TSD

The Peter Sammartino School of Education offers a preparation program leading to New Jersey dual certification in Early Childhood Education (P–3) and Teacher of Students with Disabilities that requires 54 credits for dual certification, including 36 credits to complete the Master of Arts in Teaching (MAT) degree.

The Postbac Early Childhood (P–3) and Teacher of Students with Disabilities Dual Certificate MAT is offered online by the Peter Sammartino School of Education.

Requirements

Required Courses for Certification (27 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice
- EDUC6818 Language Development and Literacy I
- EDUC6821 Early Elementary Mathematics: Content and Pedagogy
- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II
- EDUC6835 Effective Teaching and Effective Schools
- EDUC6852 Curriculum Development and Assessment for the Preschool to 3rd Grade Classroom
- EDUC6853 Family and Community in Education

Additional Courses Required to Complete MAT Degree (9–10 credits)

- EDUC5501 Educational Technologies
- EDUC6740 Introduction to Student s with Disabilities and Autistic Spectrum Disorders
- <u>EDUC6851</u> Child Development from Birth to Age Eight (This requirement for licensure may be waived if candidate took Child Development as an undergraduate course.)

- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project

Courses Required for the Teacher of Students with Disabilities (TSD) Certification (18 credits)

- EDUC6744 Foundations: Historical, Philosophical and Legal Issues Related to Disabilities
- EDUC6745 Principles and Practices of Collaboration and Inclusion
- EDUC6746 Learning Environment and Effective Management of Teaching and Learning
- <u>EDUC6747</u> Multisensory Reading Instruction for Students with Learning Disabilities (Note: <u>EDUC6813</u> Structured Reading for Struggling Readers 1 may be substituted if candidates follow Orton-Gillingham Track)
- EDUC7623 Diagnosis of Learning Disabilities
- EDUC7624 Correction of Learning Disabilities

For Information

Kathryn Spence, Director, Peter Sammartino School of Education

Associate Professor of Education

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Back to Top

Postbac Dual Certification: K-6 and TSD

The Peter Sammartino School of Education offers a preparation program leading to New Jersey dual certification in Elementary Education (K–6) and Teacher of Students with Disabilities that requires 50 credits for dual certification, including 36 credits to complete the Master of Arts in Teaching (MAT) degree.

The Postbac Elementary Education (K–6) and Teacher of Students with Disabilities Dual Certificate MAT is offered online by the Peter Sammartino School of Education.

Requirements

Required Courses for Certification (27 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice

- EDUC6740 Introduction to Student s with Disabilities and Autistic Spectrum Disorders
- EDUC6818 Language Development and Literacy I
- EDUC6821 Early Elementary Mathematics: Content and Pedagogy
- EDUC6822 Upper Elementary Mathematics: Content and Pedagogy
- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II
- EDUC6835 Effective Teaching and Effective Schools

Additional Courses Required to Complete MAT Degree (9 credits)

- <u>EDUC5501</u> Educational Technologies
- EDUC6819 Language, Development and Literacy II
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project

Courses Required for the Teacher of Students with Disabilities (TSD) Certification (18 credits)

- EDUC6744 Foundations: Historical, Philosophical and Legal Issues Related to Disabilities
- EDUC6745 Principles and Practices of Collaboration and Inclusion
- EDUC6746 Learning Environment and Effective Management of Teaching and Learning
- <u>EDUC6747</u> Multisensory Reading Instruction for Students with Learning Disabilities (Note: <u>EDUC6813</u> Structured Reading for Struggling Readers 1 may be substituted if candidates follow Orton-Gillingham Track)
- EDUC7623 Diagnosis of Learning Disabilities
- EDUC7624 Correction of Learning Disabilities

For Information

Kathryn Spence, Director, Peter Sammartino School of Education Associate Professor of Education <u>kspence@fdu.edu</u> 201-692-2827

Back to Top

Postbac Dual Certification: K-12 and TSD

The Peter Sammartino School of Education offers a preparation program leading to New Jersey dual certification in Secondary Education (K–12) and Teacher of Students with Disabilities that requires 50 credits for dual certification, including 36 credits to complete the Master of Arts in Teaching (MAT) degree.

The Postbac Secondary Education (K-12) and Teacher of Students with Disabilities Dual Traditional Certificate MAT is offered online by the Peter Sammartino School of Education.

Requirements

Required Courses for Certification (27 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice
- EDUC6651 Effective Reading Instruction
- EDUC6740 Introduction to Student s with Disabilities and Autistic Spectrum Disorders
- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II
- EDUC6835 Effective Teaching and Effective Schools
- EDUC6893 Evaluation and Measurement in Education

Candidates must complete the appropriate 3-credit graduate teaching methods course in the discipline most closely related to the secondary certification sought, including:

 <u>EDUC6562</u> Standards-based Curriculum and Methodology: Secondary English or <u>EDUC6566</u> Standards-based Curriculum and Methodology: Secondary Science or <u>EDUC6568</u> Standards-based Curriculum and Methodology: Secondary Social Studies or <u>EDUC6569</u> Standards-based Curriculum and Methodology: Art or <u>EDUC6570</u> Standards-based Curriculum and Methodology: Secondary Mathematics

Additional Courses Required to Complete MAT Degree (6 credits)

- EDUC5501 Educational Technologies
- EDUC6931 Diversity, Equity and Justice in Schools and Society
- EDUC7812 Final Project

Courses Required for the Teacher of Students with Disabilities (TSD) Certification (18 credits)

• EDUC6744 Foundations: Historical, Philosophical and Legal Issues Related to Disabilities

- EDUC6745 Principles and Practices of Collaboration and Inclusion
- EDUC6746 Learning Environment and Effective Management of Teaching and Learning
- <u>EDUC6747</u> Multisensory Reading Instruction for Students with Learning Disabilities (Note: <u>EDUC6813</u> Structured Reading for Struggling Readers 1 may be substituted if candidates follow Orton-Gillingham Track)
- EDUC7623 Diagnosis of Learning Disabilities
- EDUC7624 Correction of Learning Disabilities

For Information

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Back to Top

Psychology Post-baccalaureate respecialization

The psychology postbaccalaureate respecialization is designed for individuals trained in other professions (e.g., law, business or natural sciences) who are now interested in pursuing careers in mental health and/or applied areas of psychology. The goal of the respecialization is to give individuals the appropriate background necessary to have a competitive edge when seeking admission to graduate school in psychology.

Upon acceptance into the respecialization, students will be assigned a personal faculty adviser who will monitor their progress and provide guidance regarding specific areas of study and careers in psychology.

Upon completion of only 18 credits of prescribed psychology courses, students will be eligible to apply to graduate programs. Their personal adviser will assist in the application process in two ways. First, the adviser will offer guidance regarding selection of graduate programs most likely to match the student's academic and/or personal background and interests. Second, the adviser will oversee the student's completion of application materials (e.g., GREs, personal statement and letters of recommendation).

The psychology postbaccalaureate respecialization is offered by the School of Psychology and Counseling at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

• Proof of an undergraduate baccalaureate degree (diploma or undergraduate transcript from an accredited college or university) with a minimum undergraduate cumulative grade point ratio (GPR) of 3.00.

- Three letters of recommendation.
- A personal statement detailing the applicant's reasons for respecialization and specifically his/her interests in the field of psychology.

Degree Requirements

This respecialization in psychology is designed for individuals trained in other professions (e.g., law, business or natural sciences) who are now interested in pursuing careers in mental health and /or applied areas of psychology. The coursework includes undergraduate and graduate offerings and covers essential concepts and theories, psychopathology, statistics and research methods.

Degree Plan

Typical Course Sequence

If the typical course sequence is followed, students will be in a position to apply to master's and doctoral programs within one year of admission to the respecialization. However, if students choose to enroll in the respecialization on a part-time basis, registration for at least one course per semester is required.

Fall Semester

- <u>PSYC2210</u> Psychological Statistics (Undergraduate)
- <u>PSYC6601</u> Basic Problems in Psychology (Graduate)
- <u>PSYC6111</u> Theories of Personality (Graduate)

Spring Semester

- <u>PSYC2211</u> Research Methods (Undergraduate)
- <u>PSYC3315</u> Abnormal Psychology (Undergraduate)
- <u>PSYC7122</u> Developmental Psychology (Graduate)

Upon completion of 18 credits of prescribed psychology courses, students will be eligible to apply to graduate programs. Their personal adviser will assist in the application process. Although GREs are not necessary for application to the respecialization, both the General and Psychology GRE examinations are required for most master's and doctoral programs in psychology.

Transfer of Credits

Upon acceptance to any of the School of Psychology and Counseling's graduate degree programs, students may transfer up to 9 graduate credits from the certificate program. Transfer of credits will be awarded as long as a grade of "B" or better is earned in each graduate course. Transfer of credits to other universities may be possible but will be at the discretion of the individual institution to which the student applies.

For Information

Benjamin Freer, Director, School of Psychology and Counseling

Associate Professor of Psychology

bfreer@fdu.edu 201-692-2300

Public Administration MPA

The School of Public and Global Affairs offers a Master of Public Administration (MPA), a management degree that gives students the opportunity for career advancement in the following public and nonprofit sectors: education, government, health care management, nonprofit leadership, public policy and public services.

The MPA is offered in multiple locations to different kinds of students:

- On- and off-campus in New Jersey
 - Florham Campus (Madison)
 - Metropolitan Campus (Teaneck)
 - o Offsite or partner locations in New Jersey
 - Jersey City
 - Neptune
 - New York/New Jersey Port Authority at Newark Liberty International Airport
 - New York/New Jersey Port Authority at JFK Airport
 - Cumberland County Community College
 - Valley Health System (Paramus)
- Online
- Online as a dual degree with the Master in Public Health (MPH)
- Online as a dual degree with the Doctor of Pharmacy (PharmD)

Public service is a calling, public administration is a necessity and public-minded citizens are essential to a healthy society. As a member of the National Association of Schools of Public Affairs and Administration (NASPAA), the School of Public and Global Affairs seeks to provide well-educated leaders for public and nonprofit agencies and to improve the knowledge and credentials of administrators already employed in these organizations.

The curriculum of 39 to 42 credits is designed to provide graduates with conceptual, analytic and managerial skills for dealing with a variety of public service administration situations. (Students in the executive program can be awarded advanced standing with evidence of professional development education.)

The program is enriched with a project-based curriculum. The project-based MPA emphasizes group work, problem-solving and building a portfolio of accomplishment. It integrates accomplished practitioners with accomplished academics to give students the best of both worlds. Many of these courses take place on weekends where students and their cohorts are asked to work together to offer policy recommendations, map solutions and collaborate on research.

Working students can find like-minded professionals in the program's weekend, project-based classes. A traditional weeknight program is offered at both FDU's Florham and Metropolitan campuses.

Certain professional competencies/outcomes of MPA graduates are expected: communication, critical thinking, information literacy and strategic orientation.

Admission Requirements

The credentials required for admission to the MPA degree program as a matriculated student include the following:

- A graduate application for admission and nonrefundable application fee.
- A bachelor's degree from an accredited college or university with a minimum cumulative grade point ratio (CGPR) of 2.70. Applicants with a CGPR of less than 2.70 may be admitted as matriculated students on probation.
- Official transcripts from all colleges and universities previously attended. Applicants who are unable to provide official documents at the time of enrollment may register as nonmatriculated students with a graduate faculty adviser.

Degree Plan

The MPA degree is granted for 39–42 credits, of which at least 30 credits must be taken at Fairleigh Dickinson University. The 39-credit total must contain:

Required Foundation Courses in Management (18 credits)

- PADM6600Public and Nonprofit Management
- PADM6601Organizational Theory
- PADM6602Budgeting and Finance
- PADM6603Public Policy Administration
- PADM6604Human Resources Management
- <u>PADM6606</u> Analytic Methods of Decision Making or PADM6610Quantitative Methods for Administrators

Electives (18 credits)

MPA elective courses are designed to offer students the opportunity to pursue in-depth study in a variety of management areas.

MPA Project Report or MPA Thesis (3 credits)

An accepted MPA project or MPA thesis.

Internship or Independent Study (3 credits)

In addition to the 39-credit degree requirement, students are required to participate in a 3-credit internship (or in the case of working professionals, an independent study) that enhances the MPA curriculum and prepares them for career advancement in the public and nonprofit sectors. **NOTE:Waiver of the internship requirement is possible with review and approval of comparable public and nonprofit experience.**

A CGPR of 3.00 (on a 4.00 scale) is required for graduation. Students who receive more than two grades of C or lower will be dismissed from the program.

Students are required to consult with their assigned academic advisers to assess overall academic performance and plan for their program of study.

Specializations

Students may specialize within the MPA by taking four of their six electives in:

- Global Affairs: Examines administrative structures, policy and management issues in the arena of international relations, stressing comparative analysis, leadership and cultural perspectives.
- Global Transportation Management: Focuses on the background, administrative structure and issues, environmental components and operational aspects in the context of international transportation and commerce.
- Health Care Management: In addition to the MPA core management curriculum, students investigate a range of health care management topics from managing the continuum of care and global health issues to comparative health systems and health finance and control systems.
- **Public Management:**Offers a broad range of management studies from employee relations and delivery of public services to organizational performance assessment.
- **Public Policy:**Emphasizes project-based learning to assess problems and devise solutions for leaders called on to analyze, evaluate and devise policy for others to implement.

Dual-degree Options

The School of Public and Global Affairs offers the following dual-degree options for PharmD students who are interested in gaining more expertise and knowledge in the public administration field.

• MPA-PharmD

Students enrolled in the University's Doctor of Pharmacy program can enhance their career trajectory by mastering nonprofit and public sector administration. PharmD students can complete the MPA with a specialization in health care management and graduate on time with both degrees.

• MPA-MPH (online)

For Information

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Back to Top

Public Administration MPA, Public Health MPH: dual degree (Online)

In this dual-degree program that is offered online, students are able to complete two master's degrees that offer them the opportunity to gain high-level management and leadership skills in public health within just over two years. This is accomplished by earning the Master of Public Administration (MPA) offered by the School of Public and Global Affairs and the Master of Public Health (MPH) offered by the School of Pharmacy and Health Sciences.

In this program, students will study foundational competencies in the following subjects:

- Communication,
- Evidence-based approaches to public health,
- Interprofessional and/or intersectoral practice,
- Leadership,
- Planning and management to promote health,
- Policy in public health,
- Public health and health care systems and
- Systems thinking.

The schools' faculty will help students practice these competencies so that they can shape their individual approaches to leadership in public administration and public health careers. With the students' expertise, they can choose to sit for the Certified in Public Health (CPH) or the Certified Health Education Specialist (CHES[®]) exam.

MPA/MPH coursework culminates in a hands-on practicum, which allows students to put their knowledge into practice at a site convenient for them. Upon graduation, students can seek leadership careers in: community health; health education; hospital management; the Department of Health; local, county and state government; the Food and Drug Administration; or the Centers for Disease Control.

Admission Requirements

To be considered for admission into the dual MPA/MPH degree program, interested applicants must submit the following:

- A completedgraduate admissions application,
- All official transcripts (must have earned a bachelor's degree from an accredited institution with a grade point ratio [GPR] of at least 3.00),
- Two letters of recommendation,
- A personal statement and
- Résumé.

Degree Plan

The dual MPA/MPH degree includes a total of 60 credit hours, which are divided into eight-week course sessions.

MPA Courses (21 credits)

- PADM6601 Organization Theory
- <u>PADM6602</u> Budgeting and Finance
- PADM6603 Public Policy Administration

- PADM6604 Human Resources Management
- <u>PADM6801</u> Seminar in Strategic Management
- PADM7730 Health Care Project Management
- PADM Elective

MPH Courses (39 credits)

- PUBH6001 Foundations and Issues of Public Health
- <u>PUBH6002</u> Introduction to Statistics and Data Analysis
- PUBH6003 Public Health Management and Policy
- PUBH6004 Fundamentals of Epidemiology
- <u>PUBH6005</u> Principles of Environmental Health
- PUBH6006 Social and Behavioral Determinants of Public Health
- <u>PUBH7103</u> Mental Health Advocacy
- PUBH7202 Population Health Research Methods
- <u>PUBH7301</u> Politics and Practice of Public Health and Health Policy
- PUBH7303 Health Disparities and Cultural Issues
- <u>PUBH7304</u> Comparative Healthcare Systems
- <u>PUBH7501</u> Public Health Practice and Leadership
- <u>PUBH7901</u> Public Health Capstone

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Back to Top

Public Health MPH (Online)

Students discover their potential in the health-care industry with the online Master of Public Health degree offered by the School of Pharmacy and Health Sciences. Guided by educators with years of industry experience, students receive the education that best supports their personal and professional goals as well as begin developing their own ideas for eliminating health disparities.

Students develop career-enhancing competencies in areas such as:

• Social and behavioral determinants of public health,

- Epidemiology,
- Data analysis,
- Biostatistics,
- Management principles and
- Global public health policies.

The MPH program is offered online by the School of Pharmacy and Health Sciences.

Program Outcomes

The MPH program will enable students to:

- Enhance access to health locally and globally;
- Recognize the ethical and social responsibility for providing access to health care, with the goal of minimizing or eliminating health disparities; and
- Understand the role of the public health practitioner as a leader and advocate with both a local and global perspective.

Admission Requirements

To be considered for admission into this program, please submit the following:

- A completedgraduate admissions application,
- All official transcripts (must have earned a bachelor's degree from an accredited institution with a grade point ratio [GPR] of at least 3.00),
- Two letters of recommendation,
- A personal statement and
- Résumé.

Degree Plan

Through an interactive, online classroom, students begin their Master in Public Health degree online with a selection of core courses followed by a curriculum specific to the professional track. They receive flexible schedule options and gain hands-on experience working with public-health tools through group interactions involving case studies and integrated care groups that focus on interprofessional education.

Earning an MPH provide them with the necessary credentials to continue their education with a doctoral degree or advance in their career. They become proficient in key industry topics, including innovative management, global health issues, epidemiology and more.

Core Courses (30 credits)

- <u>PUBH6001</u> Foundations and Issues of Public Health
- <u>PUBH6002</u> Introduction to Statistics and Data Analysis
- <u>PUBH6003</u> Public Health Management and Policy
- PUBH6004 Fundamentals of Epidemiology
- <u>PUBH6005</u> Principles of Environmental Health

- <u>PUBH6006</u> Social and Behavioral Determinants of Public Health
- <u>PUBH6101</u> Public Health Leadership 101
- <u>PUBH7501</u> Public Health Practice and Leadership
- <u>PUBH7505</u> Interprofessional Education and Practice (IPE and IPP)
- <u>PUBH7901</u> Public Health Capstone

Concentration Courses (15 credits)

- PUBH7103 Mental Health Advocacy
- <u>PUBH7202</u> Population Health Research Methods
- <u>PUBH7301</u> Politics and Practice of Public Health and Health Policy
- <u>PUBH7303</u> Health Disparities and Cultural Issues
- <u>PUBH7304</u> Comparative Health Care Systems

Dual Degree

Students interested in an administrative career in healthcare or government can earn a dual degree in Master of Public Administration/Master of Public Health (MPA/MPH). Theonline MPA/MPH program is a way for students to shape their leadership style while gaining essential skills. They can earn two master's degrees in two-and-a-half years, and then sit for the Certified in Public Health (CPH) or the Certified Health Education Specialist (CHES®) exam.

For Information

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Back to Top

Public Management Graduate Certificate

Students in the Master of Public Administration (MPA) program can be awarded the Public Management Graduate Certificate before graduation.

This certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; Florham Campus, Madison, New Jersey; online; or at off-campus locations.

Requirements

Choose six courses from the following.

To determine the availability of a course in a particular semester, students should check with their academic adviser.

- MADS6636 Global Preparedness for Catastrophic Emergencies
- <u>PADM6600</u> Public and Nonprofit Management
- PADM6601 Organization Theory
- <u>PADM6602</u> Budgeting and Finance
- <u>PADM6603</u> Public Policy Administration
- <u>PADM6604</u> Human Resources Management
- PADM6606 Analytic Methods of Decision Making
- PADM6680 Information Technology Management
- PADM6686 Women in Leadership
- PADM6801 Seminar in Strategic Management
- PADM6802 Strategic Health Services Management
- PADM6803 Elder Care Legal Issues
- PADM6804 Homeless Policy I
- PADM6811 Independent Study in Public Administration
- PADM6812 Political Environment of Public Administration
- PADM6815 Public Policy Research
- PADM6816 World Heritage Law and Policy
- PADM6821 MPA Project Report
- PADM6833 Understanding Homelessness
- PADM7712 Managing Organizational Change
- PADM7713 Organizational Performance Assessment
- PADM7714 Legal Environment of Public Administration
- <u>PADM7715</u> Employee Relations
- PADM7716 Delivery of Public Services
- PADM7717 Planning and Marketing for Managers
- PADM7718 Contemporary Management Issues
- <u>PADM7721</u> Urban Planning for Administrators
- PADM7724 Comparative Governmental and Administrative Systems
- PADM7726 Development of Political and Administrative Theory
- PADM7730 Health Care Project Management
- <u>PADM7731</u> Introduction to Health Care Systems
- PADM7732 Health Finance and Control Systems
- PADM7733 Quantitative Methods for Health Administration
- PADM7734 Managing the Continuum of Care
- PADM7735 Comparative Health Systems

- <u>PADM7736</u> Integrated Health Care Systems
- PADM7737 Ethical and Legal Issues in Health Care
- PADM7740 State and Local Government Organization and Management
- PADM7742 Government Personnel Administration
- PADM7743 Collective Bargaining and Labor Relations
- <u>PADM7747</u> Public Sector Communications
- PADM7749 Development of Global Transportation Systems
- PADM7753 Issues of Security and Transportation Systems
- <u>PADM7760</u> Seminar in Strategic Thinking
- PADM7763 Development of Modern International Relations
- PADM7769 Aviation Management and Operations
- PADM7770 Global Administration Skills
- PADM7771 US Transportation Systems and Impact on American Society
- PADM7772 Environmental and Sociologic Aspects of Global Transportation
- <u>PADM7774</u> Infrastructure
- PADM7780 Diplomatic Communication for Administrators
- <u>PADM7789</u> Global Energy System
- PADM7791 Global Health Issues
- PADM7796 International Dimensions of Public Administration
- <u>PADM7810</u> Airport Operations Management
- <u>PADM7811</u> Grant Writing and Evaluation
- PADM7812 Ethics of Public Administration
- PADM7814 Health Policy and the Public
- PADM7821 Environmental Law
- PADM7826 Climate Policy
- PADM7856 Cities in Crisis

For Information

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Back to Top

School Psychology MA plus Certification

The NASP-approved MA in school psychology plus certification program provides the education to become a professional school psychologist at the Specialist level (60 credits). It features opportunities to develop special competencies in areas such as assessment, identifying and treating behavior problems in children and adolescents, utilizing curriculum-based measurement tools to assess school health and student progress and providing evidence-based therapeutic services to children and adolescents.

A multitude of settings are available for practicum and externship training, including varied public and private schools in Bergen County, New Jersey. The school psychology program is recognized by and registered with the New Jersey State Department of Education. The program holds full National Association of School Psychologists (NASP) approval, and graduates are eligible to become nationally certified school psychologists upon successful completion of the program.

The MA in school psychology plus certification program is offered by the School of Psychology and Counseling at the Metropolitan Campus, Teaneck, New Jersey.

The School Psychology Programs (MA Plus Certification and PsyD) adhere to the recommended American Psychological Association and NASP guidelines and objectives with specifically developed assessments corresponding to the specified objectives.

Professional Licensure and Certification

Professional licensure and certification requirements may vary state to state and are subject to change. In addition, separate from educational requirements, state licensure boards may require applicants to complete other requirements. Students should contact the appropriate licensing agency in each home state to obtain the most up-to-date information.

The school psychology MA certification program has approval through the National Association of School Psychologists through 2025, and, accordingly, the program meets the academic requirements for graduates to be recognized as Nationally Certified School Psychologists.

Admission Requirements

- Bachelor's degree from an accredited college or university.
- Taken courses in general psychology and statistics, experimental psychology, child development, abnormal psychology or theories of personality.
- Three letters of recommendation and a personal statement detailing their interest in the field.

Completed applications for admissions are due by March 15 for September admission.

Applications are carefully reviewed, and group interviews are conducted for applicants who meet the school's criteria.

This is a full-time program. However, students are able to both work and pursue the degree because classes are held in late afternoons and evenings.

Applications also will be considered from individuals holding a master's degree in psychology, education or related fields who wish to obtain certification as a school psychologist. If such applicants meet the academic requirements of the school, a course of study will be determined on an individual basis to meet certification requirements. For students who are interested in this opportunity, it is recommended that they

have their <u>graduate transcript reviewed by the State Department of Education</u>, as they will perform a transcript review and advise them regarding which classes the students need to complete to fulfill certification requirements to respecialize in school psychology.

Degree Requirements

- Satisfactory completion of 60 credits in the courses approved for the school psychology program.
- Students receiving two or more grades below B- in any graduate course will be placed on academic probation with the possibility of a reduced course load for the next regular semester. Students who do not demonstratecompetency on assignments that prepare them for functioning as school psychologists may need to complete remediation assignments prior to enrollment in the next regular semester.Students receiving a concurrent or subsequent third grade below B- will not be permitted to continue in the program. Maintaining a cumulative grade point ratio (GPR) of less than 3.20 for two consecutive years may also lead to termination from the program.
- Upon completion of 36 graduate credits, students must pass a Comprehensive Examination, which examines general knowledge of psychology and a school psychology specialty subsection.
- Students must complete a 1,200-hour externship in a school or school-related setting under the supervision of a certified school psychologist.
- The MA Plus Certification program incorporates a range of field experiences that are designed to familiarize students with how schools function as systems and build specific skills needed for effective school psychology practice. In recent years FDU school psychology students in the Master's Plus Certification program have completed supervised internships at 22 school districts or sites across the tristate area.
- Students will be dropped from the program for engaging in unethical or criminal behavior (plagiarism, cheating, violation of APA or NASP ethical guidelines, University policy, governmental law, harassment or endangering the welfare of a child).
- Students encountering serious psychological adjustment problems will be advised to seek professional counseling. If the problems are not ameliorated, the student may be asked to leave the program.

Degree Plan

Fall 2022 Entry and Beyond

1st Semester

- <u>PSYC6121</u> Statistics and Research Methods
- <u>PSYC6651</u> Ethics and Professional Practice in Schools
- PSYC7615 Child Assessment I with Practicum
- <u>PSYC7819</u> Introduction to School Learning Problems

First Semester Student Review

2nd Semester

- <u>PSYC6129</u> Research Methods and Psychometrics
- PSYC7124 Developmental Child and Adolescent Psychology
- PSYC7815 Child Assessment II with Practicum

• <u>PSYC7820</u> Introduction to School Learning II

Annual Student Review

3rd Semester

- <u>PSYC6111</u> Theories of Personality
- <u>PSYC6115</u> Child Psychopathology
- <u>PSYC8725</u> Prevention and Intervention with Children and Adolescents
- PSYC8815 Child Assessment III with Practicum

Comprehensive Exam(27–36 credits completed)

4th Semester

- EDUC6661 The Multicultural Classroom
- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- <u>PSYC7215</u> Biological Bases of Behavior and Learning
- <u>PSYC8910</u> School-based Consultation with Practicum

Annual Student Review/Review of Practicum Competencies and Readiness for Externship Praxis Examination to be taken in June or September]

5th Semester

- EDUC6702Curriculum and Instruction: Theory and Practice
- <u>PSYC8922</u> Externship in School Psychology I (600 hours)

6th Semester

- <u>PSYC8923</u> Externship in School Psychology II (600 hours)
- <u>PSYC9110</u> School-Community Mental Health

For Information

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Back to Top

School Psychology PsyD Advanced

FDU's advanced PsyD in school psychology employs an innovative approach to doctoral education, allowing school psychologists to remain active as full-time professionals in the field while furthering their education. Classes are kept small and frequently taught in a seminar style, with students learning from their colleagues as well as from their professors. Faculty and students enjoy a bidirectional learning experience as students bring their real-world school experiences into the University setting. This helps achieve the program's goals of providing students with practical skills directly applicable to their daily work with children, youth and families and preparing professionals who will be leaders in the design, evaluation, provision and supervision of comprehensive mental and behavioral health and psychoeducational services to children, youth and families. The practitioner-scholar model adhered to by the program is the most appropriate to achieve its goals. Inherent in the model is quality training and the delivery of evidence-based practices.

The program builds upon master's certification-level training and prepares students for eligibility for licensure for independent practice. Graduates are able to practice and hold leadership roles in a wide variety of settings, including schools, mental-health clinics, child and family agencies, pediatric hospitals, vocational and rehabilitation agencies, educational programs in business and industry, juvenile-justice facilities, colleges and universities and private practice. The dissertation project, a capstone experience in the program, is designed to be useful to students in their current positions as well as to the field at large. It is expected that graduates will maintain a continuing pursuit of scholarly activities and a commitment to concerns of human welfare and social justice.

The advanced PsyD in school psychology is offered by the School of Psychology and Counseling at the Metropolitan Campus, Teaneck, New Jersey. `

Professional Licensure and Certification

Professional licensure and certification requirements may vary state to state, and are subject to change. In addition, separate from educational requirements, state licensure boards may require applicants to complete other requirements. Students should contact the appropriate licensing agency in each home state to obtain the most up-to-date information.

The advanced PsyD program in school psychology includes coursework designed to meet the typical academic requirements for licensure in states throughout the country.

Fieldwork

A unique benefit of the advanced PsyD is that students remain in the field while completing the program, allowing them to directly and immediately apply relevant coursework. Class discussion is often focused on issues students are facing at their job sites. Additionally, the advanced PsyD program enriches student field experience via completion of a year-long Practicum sequence at <u>FDU's Center for Psychological</u> <u>Services</u>. Under the supervision of licensed faculty, students complete advanced testing and therapy cases in an outpatient setting during their second year of the program.

In addition to receiving supervision from licensed psychologists during their doctoral training, students in the advanced PsyD program also develop their skills as supervisors themselves by working with students in FDU's entry-level school psychology training programs. By providing supervision to future school psychologists, the doctoral students learn the fundamental features of quality supervision and emerge better prepared to supervise interns and practicum students.

Admission Requirements

Applicants to the advanced PsyD in school psychology program should hold a master's degree and certification as a school psychologist. Candidates who are not certified school psychologists will be required to take the necessary coursework and field experience to obtain certification prior to admittance into the doctoral program.

Applicants to the program must submit:

- A completed online application form through the psychology common application, <u>PsyCAS</u>, the centralized application service for graduate psychology. The <u>Apply Now</u> page will direct you to the PsyCAS site.
- Transcripts from all academic institutions previously attended.
- Official Praxis score report, with a score that demonstrates that they met or exceeded the Nationally Certified School Psychologist (NCSP) cutoff score at the time of administration.
- Three letters of recommendation from academic and/or professional references.
- A statement of professional goals.
- A representative work sample of current professional skills (e.g., psychological testing report, consultation or therapy summary, etc.).

Applications for admission should be submitted no later than March 1.

After credentials review applicants will be selected for an in-person interview.

Transfer of graduate credits to this program is handled individually by the program director.

Degree Plan

Year One

Fall Semester

- <u>PSYC7145</u> Issues and techniques in Research and Evaluation I
- <u>PSYC7651</u> Seminar in Professional School Psychology Practice and Ethics
- <u>PSYC8720</u> Seminar: Child/Adolescent Assessment

Spring Semester

- <u>PSYC7146</u> Issues and Techniques in Research and Evaluation II
- PSYC8721 Seminar in Child/Adolescent Intervention
- <u>PSYC8930</u> Advanced Consultation in School Psychology

Summer Semester

- <u>PSYC8128</u> Child and Adolescent Psychopharmacology
- <u>PSYC8132</u> Special Topics in School Psychology

Year Two

Fall Semester

- <u>PSYC8110</u> Dissertation: School Psychology
- <u>PSYC8130</u> Pediatric Psychology

• <u>PSYC9125</u> Advanced Practicum I (School Psychology)

Spring Semester

- <u>PSYC8112</u> Dissertation Seminar: School Psychology
- <u>PSYC8951</u> Administration and Supervision in School Psychology
- <u>PSYC9126</u> Advanced Practicum II (School Psychology)

Summer Semester

- <u>PSYC6116</u> History and Systems
- <u>PSYC8140</u> Seminar in School Change

Year Three

(With continued enrollment until completion of dissertation and internship.)

Fall Semester

- <u>PSYC9115</u> Dissertation Maintenance: School Psychology
- <u>PSYC9150</u> Internship (School Psychology)

Spring Semester

- <u>PSYC9115</u> Dissertation Maintenance: School Psychology
- <u>PSYC9150</u> Internship (School Psychology) (Total of 1,800 hours required)

Summer Semester

• <u>PSYC9152</u> Internship Maintenance: School Psychology

For Information

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Back to Top

School Security and Safety Administration Graduate Certificate

While in the Master of Administrative Science program, students can customize their education by earning a graduate certificate along with their master's degree.

This 18-credit, six-course certificate is designed for safety and security professionals and school officials. This program encourages the importance for safety planning in the total school environment. Guidelines for responding and managing crises in a school setting are emphasized. Measures for reducing risks are addressed.

The certificate is offered by the School of Public and Global Affairs at the Metropolitan Campus, Teaneck, New Jersey; at offsite or partner locations; and online.

Requirements

Students can choose six courses from the following:

- <u>MADS6617</u> Emergency Management and Safety Administration (National Guard Bureauapproved online course)
- <u>MADS6634</u> Community Threat Assessment and Risk Analysis (National Guard Bureau-approved online course)
- <u>MADS6636</u> Global Preparedness for Catastrophic Emergencies (National Guard Bureauapproved online course)
- MADS6655 Contemporary Issues in Community Policing
- MADS6691 Preventing Future Columbines
- MADS6692 Cultural Diversity, Stereotype, and Profile
- MADS6707 Impact of Terrorism on School Safety
- MADS6714 Special Topics: First-responder Stress Awareness and Management

For Information

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Back to Top

Social Work MSW (Online)

The Master of Social Work (MSW) online program provides a comprehensive learning experience that combines social work theory with practical application. The degree features two program options: **advanced standing** and **traditional**. These tracks allow students to choose the course of study that best aligns with their previous educational experience. If they have previously earned a Bachelor of Science in Social Work, students may qualify for advanced standing and complete 30 hours of concentration courses and 500 hours of field experience. The traditional program is ideal for students who have not previously studied social work, featuring 900 hours of field experience and a total of 60 credit hours.

The program is offered online by the School of Pharmacy and Health Sciences.

Admission Requirements

Those applying for admission into the online MSW program will be required to submit the following:

- A graduate application,
- Official transcripts,
- Up-to-date curriculum vitae or résumé and
- Personal statement.
 - When formulating their personal statements, students should use the prompts listed below as paragraph headings:
 - Reasons for selecting the FDU Master of Social Work program and their thoughts on how the program's mission statement addresses their short- and long-term career goals.
 - Successes and/or challenges experienced in their pursuit of higher education and motivating factors that led them to where they are today.
 - Plan for managing the demands of graduate study with the required field practicum and personal obligations.

Traditional Track

To be eligible for admission into the traditional program, applicants must meet the following criteria:

- Graduation from an accredited college or university with a bachelor's degree inclusive of coursework from the liberal arts; and
- A minimum overall grade point ratio (GPR) of 2.75.

Advanced Standing Track

To be eligible for admission into the advanced standing program, applicants must meet the following criteria:

- Graduation from an accredited college or university with a bachelor's degree in social work, accredited by the Council on Social Work Education; and
- A minimum overall GPR of 3.00.

Degree Plan

Traditional Track

All courses are 3 credits except where indicated.

- <u>MSW6100</u> Human Behavior and the Social Environment
- MSW6200 Practice I
- MSW6220 Practice II
- MSW6300 Research I
- MSW6320 Research II
- MSW6400 Social Policy I
- <u>MSW6500</u> Diversity and Social Justice
- MSW6600 Field Internship I

- <u>MSW6620</u> Field Internship II
- <u>MSW7000</u> Advanced Micro Practice
- <u>MSW7100</u> Advanced Mezzo Practice
- <u>MSW7200</u> Advanced Macro Practice
- <u>MSW7400</u> Social Policy II
- <u>MSW7500</u> Empirical Practice (4 credits)
- <u>MSW7600</u> Field III (4 credits)
- <u>MSW7620</u> Field IV (4 credits)
- Elective
- Elective
- Elective

900 hours of field experience

Advanced Standing Track

All courses are 3 credits except where indicated.

- <u>MSW7000</u> Advanced Micro Practice
- <u>MSW7100</u> Advanced Mezzo Practice
- <u>MSW7200</u> Advanced Macro Practice
- <u>MSW7400</u> Social Policy II
- <u>MSW7500</u> Empirical Practice (4 credits)
- MSW7600 Field III (4 credits)
- MSW7620 Field IV (4 credits)
- Elective
- Elective

500 hours of field experience

For Information

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Back to Top

Sport Management Graduate Certificate

This 18-credit, six-course certificate focuses on the skills required for a career in the administration of professional and amateur sports. This course of study can lead to employment in areas such as sports organizations, regulatory agencies, private and/or public facilities and athletic departments at the college and university level, as well as related areas. These credits can also be applied to the Master of Sport Management Degree.

The certificate is offered by the International School of Hospitality, Sports, and Tourism Management at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and online.

Requirements

• <u>MSA6704</u> Internship I or Individual Job-related Project This course meets the required course for each certificate in the Master of Sport Management program. It cannot be taken until students complete at least 9 credits (three courses) in the master's program.

Choose any five of the following courses:

- MSA6601 Organizational Leadership and Team Development
- MSA6602 Facility Development, Administration and Programming
- MSA6603 Sports Marketing and Promotions
- <u>MSA6604</u> Sports in a Social Context
- MSA6605 Sports Ethics
- MSA6606 Group Dynamics
- MSA6607 Human Resource Administration in Sports Organizations
- MSA6608 Sports Risk Assessment
- MSA6609 Communications and Media Relations
- MSA6610 Strategies in Fundraising and Development

For Information

Robyn Lubisco, Director of the Sport Management Program (Florham Campus), International School of Hospitality, Sports, and Tourism Management

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Jong-Chae (J.C.) Kim, Director of the Sport Management Program (Metropolitan Campus), International School of Hospitality, Sports, and Tourism Management

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Sport Management MSM

Students may gain the theoretical, administrative, and managerial skills needed to excel in the sports industry by earning a Master of Sport Management (MSM) degree at Fairleigh Dickinson University. Taught by faculty who share their insights and practical knowledge based on extensive professional experience in sports, the 36-credit program enable students to effectively manage and lead a wide range of activities in sports including organizational leadership, marketing, operations, fundraising, financial administration, and event management. The program is offered by the International School of Hospitality, Sports, and Tourism Management at the Florham Campus, Madison, New Jersey; Metropolitan Campus, Teaneck, New Jersey; and online.

Program Highlights

- Offered 100 percent online, as well as some in-person evening classes on the Metropolitan and Florham campuses in New Jersey.
- Industry-focused concentrations in coaching theory strategies, high-school athletic director (must be a New Jersey certified teacher) and sports administration.
- Faculty with extensive sports-industry experience.
- Weeklong, experiential-study opportunity in Britain
- Internships at leading sports companies such as the New York Mets, New York Yankees, New Jersey Devils and more.

Learning Outcomes

Each degree has measurements that indicate whether students are successful in meeting the specific outcomes for the degrees. The following are the four outcome measures that will be assessed for the graduates of sport management.

- Strategic Orientation
- Communication
- Information Literacy
- Critical Thinking

Admissions Requirements

- <u>Completed online application</u>. There is no fee to apply.
- A bachelor's degree from an accredited college with a minimum grade point ratio (GPR) of 3.00
- Official transcript
- Current professional résumé
- English-proficiency test
- GMAT and GRE scores are NOT required

- One recommendation letter
- Personal statement (written 1,000-word personal statement outlining current job and responsibilities as well as personal and professional goals)

Degree Plan

The 36-credit MSM degree program requires five courses, which includes a 3-credit internship or individual job-related project, as well as seven courses.

Required Courses (15 credits)

- <u>MSA6701</u> Legal Issues in the Domestic and International Sports Industry (available in online modality)
- MSA6702 Sports Administration Research and Policy Analysis (available in online modality)
- <u>MSA6703</u> Financial Administration in Sports (available in online modality)
- <u>MSA6704</u> Internship I or Individual Job-related Project (Mandatory. This course meets the required course for each certificate in the program. It cannot be taken until students complete at least 9 credits [3 courses] in the program.)
- <u>MSA6705</u> Strategic Planning, Implementation and Evaluation (Capstone course; taken after completion of at least 27 credits)

Elective Courses (6 credits)

Select two electives from the following:

- MSA6624 Organization and Administration of Sports
- MSA6625 Physiological Basis of Physical Fitness
- <u>MSA6626</u> Nutrition for Sports and Fitness (available in online modality)
- MSA6628 Valuing Diversity (available in online modality)
- <u>MSA6629</u> Motivation and Performance (available in online modality)
- MSA6630 Global Sports
- <u>MSA6634</u> Sports Security (available in online modality)
- <u>MSA6635</u> Events Planning and Administration (available in online modality)
- MSA6636 Internship II

Concentrations

The MSM degree offers three areas of specializations, and students must complete five courses in an area of specialization and the required Internship ($\underline{MSA6704}$ Internship I or Individual Job-related Project) to be awarded a specialization in that area. The areas of specialization are:

- Coaching Theories and Strategies
- High-School Athletic Director
- Sports Administration

Coaching Theory and Strategies Concentration

Students select any of the following five courses plus <u>MSA6704</u> Internship I or Individual Job-related Project:

- <u>MSA6605</u> Sports Ethics
- <u>MSA6608</u> Sports Risk Assessment (available in online modality)
- <u>MSA6611</u> Coaching Leadership (available in online modality)
- MSA6612 Coaching Theory, Methods and Issues
- <u>MSA6613</u> Coaching Psychology (available in online modality)
- <u>MSA6614</u> Assessing Human Performance (available in online modality)
- <u>MSA6615</u> Effective Team Administration (available in online modality)
- <u>MSA6633</u> Weight Training and Conditioning (available in online modality)
- <u>MSA6704</u> Internship I or Individual Job-related Project (Mandatory)

High-School Athletic Director Concentration

ONLY New Jersey certified teachers are eligible for the high-school athletic director certificate. Students take the following courses plus <u>MSA6704</u> Internship I or Individual Job-related Project. Courses completed would fulfill the New Jersey Supervisor Standard Certificate requirement.

- EDUC6702 Curriculum and Instruction Theory and Practice (available in online modality)
- EDUC6703 Supervision of Instruction and Personnel Evaluation (available in online modality)
- EDUC6704 Change: Curriculum Development and Program Improvement
- <u>EDUC6718</u> Curriculum Program Evaluation and Student Assessment (available in online modality)
- <u>MSA6607</u> Human Resource Administration in Sports Organizations (available in online modality)
- <u>MSA6704</u> Internship I or Individual Job-related Project (Mandatory)

Sports Administration Concentration

Students select any of the following five courses plus <u>MSA6704</u> Internship I or Individual Job-related Project:

- <u>MSA6601</u> Organizational Leadership and Team Development (available in online modality)
- <u>MSA6602</u> Facility Development, Administration and Programming (available in online modality)
- <u>MSA6603</u> Sports Marketing and Promotions (available in online modality)
- <u>MSA6604</u> Sports in a Social Context (available in online modality)
- <u>MSA6605</u> Sports Ethics
- <u>MSA6606</u> Group Dynamics (available in online modality)
- <u>MSA6607</u> Human Resource Administration in Sports Organizations (available in online modality)
- <u>MSA6608</u> Sports Risk Assessment (available in online modality)
- <u>MSA6609</u> Communications and Media Relations (available in online modality)
- <u>MSA6610</u> Strategies in Fundraising and Development (available in online modality)
- <u>MSA6704</u> Internship I or Individual Job-related Project (Mandatory)

Certificates

The sport management program also offers 18-credit, six-course certificates in the following areas: Coaching Theories and Strategies, High-School Athletic Director be a New Jersey certified teacher) and Sports Administration. Credits earned through any of these certificates may be applied to the Master of Sport Management degree.

Study Abroad at Wroxton

The sport management program has a study-abroad class built into its curriculum. Undergraduate and graduate sport management students can take the 3-credit course.

- <u>MSA6630</u> Global Sports (graduate)
- <u>SPAD4000</u> International Sports Administration (undergraduate)

For Information

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Back to Top

Supply Chain Management MS

Effective management of supply chain and operations is the key to value creation for many organizations, especially in today's fast-paced and highly global business environment. Employers increasingly seek candidates with skills that will enable their organizations to better manage their supply chains and operations. The supply chain management profession has therefore witnessed significant job growth coupled with steadily increasing salaries. Whether starting off in a career or looking to make a career transition into supply chain management, an advanced degree such as a Master of Science in supply chain management will train students in critical aspects of supply chain management and will enable them to take advantage of the growing opportunities in the field. This program is STEM-certified.

In just 21 months, an MS in supply chain management from Silberman College of Business will equip students with the technical and managerial skills to help improve the efficiency and effectiveness of business operations.

Silberman College of Business holds prestigious accreditation by AACSB International — the Association to Advance Collegiate Schools of Business, which recognizes the quality of its faculty,

academic programs and resources. Less than a quarter of all U.S. business schools hold this recognition, adding value to a graduate business degree from Fairleigh Dickinson University.

The program is offered by the department of marketing, information systems and decision sciences of Silberman College at the Metropolitan Campus, Teaneck, New Jersey.

Degree Plan (30 credits)

The MS in supply chain management program is a cohort-based, 30-credit graduate study, comprised of 10 3-credit courses.

Foundation Courses (6 credits)

- DSCI6400 Data Science and Analytics
- DSCI6401 Introduction to Supply Chain Management

Core Courses (12 credits)

- <u>DSCI6820</u> Logistics Management
- DSCI6830 Pricing and Demand Management
- DSCI6840 Global Sourcing, Procurement and Negotiations
- DSCI6850 Global Supply Chain Finance

Enrichment Courses (9 credits)

- DSCI6650 Project Management
- DSCI6750 Supply Chain Technologies
- DSCI6780 Sustainable and Lean Six Sigma

Capstone Course (3 credits)

• DSCI7004 Capstone Experience Learning of Supply Chain Management

This capstone experience requires students to work on a project solicited and provided from real companies. The projects are related to specific knowledge and skills gained in the MS in supply chain management program. It will entail a detailed description of the project by clearly identifying the issues and the objectives the company is facing and hopes to achieve. Students will need to work with the company's executives and faculty adviser to collect the real data, analyze them and provide a feasible solution. The primary objective of this experience is to give students the opportunity to demonstrate that they are able to apply knowledge and skills accumulated in the MS in supply chain management program to a specific supply-chain problem. The capstone should be completed within the last module of the program prior to graduation. Students are advised by faculty in completion of their project.

For Information

For questions related to the program

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For questions related to course content or to speak to a faculty member

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Back to Top

Taxation MS

Fairleigh Dickinson University takes pride in having one of the oldest Master of Science in taxation programs in the state. Offered through the Silberman College of Business, the program is designed to meet the growing educational and training needs of area professionals. The MS in taxation is 100 percent remote — delivered synchronously online via Zoom.

The MS in taxation program is highly focused and practice-oriented. In scope, it is much more specific than the traditional course of study pursued in an MBA program with a concentration in tax. The MS in taxation is dedicated exclusively to the study of taxation.

The program was designed to provide students with both the practical knowledge and technical expertise needed to succeed as a tax professional. The program is ideal for practicing accountants and attorneys, financial planners, recent accounting graduates and non-accountants wishing to enter the field of taxation. Both entry-level and experienced professionals will benefit from the program.

Emphasis is placed on technical competence in practical applications of current tax law as well as research and planning. Students in the program are exposed to all areas of taxation, including partnerships, corporate, international, trusts, compensation and estate taxation. Courses not only cover the basics of taxation, but also advanced subject matter and procedural areas of tax law.

Silberman College of Business holds prestigious accreditation by AACSB International — the Association to Advance Collegiate Schools of Business, which recognizes the quality of its faculty, academic programs and resources. Less than a quarter of all U.S. business schools hold this recognition, adding value to a graduate business degree from Fairleigh Dickinson University.

The MS in taxation is offered remotely by the department of accounting, taxation and law of the Silberman College of Business.

Degree Plan

The MS in taxation program is obtained by completing 30 credits in required and elective courses. Additional prerequisite courses, described below, may be required for those students not meeting the appropriate undergraduate requirements.

The seven core courses (21 credits) are required of all students. The remaining courses (9 credits) may be selected from electives. Subject to prerequisites, there is no set order in which the courses have to be taken.

Prerequisite Courses

Several of the five prerequisite courses, including <u>ACCT4267</u> Fundamentals of Federal Taxation or <u>ACCT6605</u> Federal Tax I: Individual, must be completed before starting the required coursework in the MS in taxation. CPAs and accounting majors are typically able to waive four of the five prerequisite courses based on prior coursework. The fifth course, <u>ACCT6606</u> Federal Tax II: Business Entities, may be taken concurrently with MS in taxation courses and should be taken as early as possible since this class is a specific prerequisite for several of the program's classes.

- Financial Accounting: <u>ACCT2021</u> Introductory Financial Accounting, <u>ACCT6400</u> Accounting Decision Making or course equivalent
- Individual Taxation: <u>ACCT4267</u> Fundamentals of Federal Taxation, <u>ACCT6605</u> Federal Tax I: Individual or course equivalent
- Entity Taxation: ACCT6606 Federal Tax II: Business Entities or course equivalent
- Business Law: LAW6657 Applied Business Law or course equivalent
- Finance: <u>FIN3250</u> Principles of Financial Analysis, <u>FIN3310</u> Intermediate Financial Analysis, <u>FIN6020</u> Financial Analysis for Accounting, <u>FIN6400</u> Financial Decision Making or course equivalent

A prerequisite course may be waived if students have previously completed the course at FDU (or an equivalent course elsewhere) within the prior five years with a grade of B or better. Waiver of courses is determined based on the review of the department chair.

Required Courses (21 credits)

- <u>TAX6621</u> Advanced Federal Tax I: Individual Income Taxation (Prerequisite: <u>ACCT4267</u> Fundamentals of Federal Taxation or <u>ACCT6605</u> Federal Tax I: Individual)
- TAX6622 Advanced Corporate Tax I (Prerequisite: ACCT6605 Federal Tax I: Individual)
- <u>TAX6670</u> Tax Accounting (Prerequisite: <u>ACCT4267</u> Fundamentals of Federal Taxation or <u>ACCT6605</u> Federal Tax I: Individual)
- <u>TAX6850</u> Tax Research Project (Prerequisites: <u>TAX6621</u> Advanced Federal Tax I: Individual Income Taxation, <u>TAX6622</u> Advanced Corporate Tax I and <u>TAX7724</u> Tax Practice and Procedure)
- <u>TAX7724</u> Tax Practice and Procedure (Prerequisite: <u>ACCT4267</u> Fundamentals of Federal Taxation or <u>ACCT6605</u> Federal Tax I: Individual)
- <u>TAX7727</u> Advanced Federal Tax II: Property Transactions (Prerequisite: <u>ACCT4267</u> Fundamentals of Federal Taxation or <u>ACCT6605</u> Federal Tax I: Individual)
- <u>TAX7728</u> Partnerships (Prerequisites: <u>ACCT6606</u> Federal Tax II: Business Entities, <u>TAX6621</u> Advanced Federal Tax I: Individual Income Taxation and <u>TAX7727</u> Advanced Federal Tax II: Property Transactions)

Elective Courses (9 credits)

The remaining three courses (9 credits) may be selected from the following list of electives. Students do not have to complete the required courses before taking electives. Because electives are not generally offered as often as the required courses, students interested in specific electives may wish to sign up for the class when given.

- <u>TAX6625</u> Estate and Gift Taxation
- TAX7705 U.S. International Corporate Taxation
- TAX7725 Advanced Corporate Tax II (Prerequisite: TAX6622 Advanced Corporate Tax I)

- TAX7730 Income Taxation of Estates and Trusts
- TAX7750 State and Local Taxation: Corporate and Individual Taxation
- <u>TAX7752</u> State and Local Taxation: Sales, Use and Property Taxes
- <u>TAX8840</u> Selected Studies: Tax of S Corporations (Prerequisite: <u>ACCT6606</u> Federal Tax II: Business Entities or <u>TAX6622</u> Advanced Corporate Tax I)
- TAX8860 Accounting for Income Taxes: ASC 740 (FAS109)

For Information

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Back to Top

Teaching English as a Second Language MAT

English as a Second Language (ESL) is one of the highest-need areas of teaching in New Jersey. The Peter Sammartino School of Education offers a 27-credit Alternate Route pathway or a 30-credit Traditional pathway leading to New Jersey certification in Early Childhood (P–3) with the option of completing an additional 6–9 credits to earn the 36-credit Master of Arts in Teaching (MAT) degree.

Candidates pursuing certification to teach ESL must have a bachelor's degree with at least 30 credits in a coherent sequence of courses in the subject area to be taught (e.g., mathematics, social studies, chemistry, biology, etc.) or in the discipline taught.

They must also meet the following requirements:

- Pass the Praxis ICore Academic Skills for Educators exams (5713, 5723, 5733);
- Pass the Praxis II Test(s) required for certification; and
- Complete the required courses and credits in an approved teacher certification program with a cumulative grade point ratio (GPR) of 3.00 or higher.

NOTE: Certification requirements often change. For the most up-to-date information about requirements visit the <u>New Jersey Department of Education</u>.

Candidates for New Jersey certification and/or the MAT degree are responsible for working collaboratively with their school's faculty advisers; following the approved plan of courses; meeting all program requirements; and maintaining good academic standing according to the New Jersey Department of Education, School of Education and FDU policies.

The MAT English as a Second Language Certificate is offered online by the Peter Sammartino School of Education.

Requirements

Courses Required for All Pathways (18 credits)

- EDUC6574 Applied Linguistics for Language Teachers
- EDUC6599 Methodology and Curriculum of Second Language Acquisition
- EDUC6631 Assessment in the Second-language Classroom
- EDUC6654 Literacy Development for Second-language Learners
- EDUC6835 Effective Teaching and Effective Schools
- EDUC6931 Diversity, Equity and Justice in Schools and Society

Courses Required for Traditional Pathway for Certification and Degree (12 credits)

- EDUC6575 Apprenticeship Teaching
- EDUC6583 Advanced Clinical Practice
- EDUC6824 Teaching Laboratory and Field Experience I
- EDUC6825 Apprenticeship Teaching Seminar
- EDUC6828 Teaching Laboratory and Field Experience II

Additional Courses Required to Complete MAT Degree (Traditional and Alternate Route) (6 credits)

- EDUC5501 Educational Technologies
- EDUC6740 Introduction to Students with Disabilities and Autistic Spectrum Disorders
- <u>EDUC7812</u> Final Project or <u>EDUC7718</u> Final Project: Second Language Acquisition

Additional Courses Required to Complete MAT Degree Alternate Route (3 credits)

• EDUCXXXX Graduate Elective, selected with approval of adviser

Special Information

At this time, there is no Praxis II required for ESL certification. However, ESL teachers must take and pass the Oral Proficiency Inventory (OPI) and the Written Proficiency Test (WPT) in English. The MAT adviser will give students further information on these exams.

For Information

Sora Suh, Coordinator of ESL/Second Language Acquisition Program, Peter Sammartino School of Education

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Teaching English as a Second/Foreign Language (TESL/TEFL) MA

The Master of Arts in Teaching English as a Second/Foreign Language (TESL/TEFL) at Fairleigh Dickinson University is designed for (a) international students who want to teach English outside of the United States; and (b) domestic students (i.e., U.S. citizens and legal residents) who desire a master's degree to teach English as a second language but do not wish to pursue New Jersey K–12 teacher certification.

The program is offered by the Peter Sammartino School of Education at the Metropolitan Campus, Teaneck, New Jersey.

Admission Requirements

International Students

- A bachelor's degree from an accredited college or university;
- Test of English as a Foreign Language (TOEFL) score of 550 (paper-based), 213 (computer-based) or 79 (internet-based) or better; and
- Two letters of recommendation.

Domestic Students

- A bachelor's degree from an accredited college or university and
- Two letters of recommendation.

Program Outcomes

The MA in TESL/TEFL program produces teaching candidates who are:

- Qualified to teach subject matter,
- Competent in pedagogy,
- Caring professionals,
- Technologically proficient,
- Culturally responsive to the needs of diverse learners,
- Reflective practitioners who embrace the concept of lifelong learning and
- Prepared to obtain language instructor positions in a range of contexts, both local and global.

Degree Plan

Required Courses (21 credits)

(Note:These courses also comprise the English as a Second Language [ESL] specialist FDU graduate certificate.)

- EDUC6574 Applied Linguistics for Language Teachers
- EDUC6584 Computer's as a Teacher's Aid: Curriculum and Instruction
- EDUC6599 Methodology and Curriculum of Second Language Acquisition
- EDUC6631 Assessment in the Second-language Classroom
- <u>EDUC6650</u> Behavioral Science for Teachers: Language and Culture or <u>EDUC6649</u> Introduction to United States Culture
- EDUC6654 Literacy Development for Second-language Learners
- EDUC6661 The Multicultural Classroom

Clinical Component (4 credits)

• EDUC6635 Clinical Practice in Language Instruction

Electives (9 credits)

MA Teaching Degree (2 credits)

• EDUC7812 Final Project

For Information

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Back to Top

Telecommunications and Networking Graduate Certificate

The telecommunications and networking graduate certificate is offered by the Lee Gildart and Oswald Haase School of Computer Sciences and Engineering at the Metropolitan Campus, Teaneck, New Jersey. The objective of the telecommunications and networking graduate certificate is to provide expertise in the development, maintenance and supervision of telecommunication systems and computer networks.

Admission Requirements

Admission to the certificate program requires a baccalaureate degree from a regionally accredited college or university with a satisfactory academic record.

Requirements

Prerequisites

Students must satisfy the prerequisites of the courses that they will take.

18 credits (six courses) are to be taken from the list of courses below:

Core Courses

A 3-credit course is to be selected from the following two courses:

• <u>CSCI6731</u> Computer Networks or

EENG7737 Computer Communication Networks

Elective Courses

15 credits (five courses) are to be selected from the following courses:

- CSCI6730 Advanced Network: TCP/IP and Routing
- CSCI6732 Local Area Networks
- CSCI6736 Wireless LANs
- <u>CSCI6844</u> Programming for the Internet
- <u>CSCI6869</u> Network Security
- EENG6747 Digital Communications
- <u>EENG7738</u> Wireless Communications
- EENG7748 Advanced Digital Communications

Academic Credits

Under the guidance of the academic adviser, courses appropriately selected and completed through this certificate program can be credited toward the MS in computer science, MS in computer engineering or MS in electrical engineering (specialization in digital signal processing and communications) program. Other courses may be substituted with prior approval of the academic adviser.

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Back to Top