

XII.



PRE-PROFESSIONAL PREPARATION

The Office of Pre-Professional Advising and Fellowships (OPPAF)
Levermore Hall 303

Robert I. Schwartz, *Director of Pre-Professional Advising and Fellowships*

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The Office of Pre-Professional Advising and Fellowships (OPPAF) works with faculty advisers to support current Adelphi students and recent graduates who are seeking admission to professional school in the areas of medicine, dentistry, optometry, osteopathic medicine, physical therapy, podiatry and other health professions, as well as engineering, environmental studies, and law.

The office also assists students in the application process for fellowships and honors such as Jack Kent Cooke, Ford, Fulbright, Goldwater, Javits, Marshall, Rhodes, Soros and Truman. The office offers various workshops, presents guest speakers, conducts mock interviews, and assists students seeking internships and/or job shadowing opportunities. For more information, email the director, Robert I. Schwartz, at rschwartz@adelphi.edu.

Pre-Law Preparation

Students interested in applying to law school should open a pre-law file with the Office of Pre-Professional Advising and Fellowships (OPPAF), located in Levermore Hall 303, and are urged to seek guidance from pre-law advisers.

The best advice for students who are preparing for law school is to obtain copies of the *LSAT & LSDAS Information Book* as well as the *ABA-LSAC Official Guide to ABA-Approved Law Schools* published by the Law School Admission Council and the American Bar Association. These publications may be obtained in OPPAF or by visiting lsac.org.

No particular major is best for pre-law preparation. Law schools want to see students who are able to express ideas with clarity and force. Students must obtain an undergraduate education that includes critical analysis, logical reasoning, and written and oral expression. Students must learn to read works of literature and exposition with comprehension and speed, and should continuously practice argument and debate. An understanding of human values and institutions is a lifetime goal, but the best opportunity to begin this quest is during one's undergraduate years. Careful study within each of the great divisions of human knowledge—the humanities, the sciences, and the social sciences—is indispensable. Pre-law students must develop the capacity to think creatively. This capacity depends on skills and understanding already discussed, and also on the ability to conduct research; to reason deductively, inductively, and by analogy; and to synthesize what one has learned.

Pre-Law Society

Students interested in pursuing law studies should join the Pre-Law Society, a student-led organization, which provides information and encouragement to students considering a career in law. The Society sponsors speakers and panel discussions on issues relating to getting into law school, the different areas of legal practice, and the role of law in society. Adelphi alumni currently attending law school are welcomed back to talk about their experiences. The LSAT (Law School Admission Test) is also discussed at meetings. The Society works together with the Center for Career Development, the Pre-Law Advisers, and the Office for Pre-Professional Advising and Fellowships to provide guidance and advice on an individual basis. For more information, please visit the Pre-Law Society Message Board on eCampus or contact:

Deborah Little, *Assistant Professor, Faculty Adviser to the Pre-Law Society*
Department of Sociology
(516) 877-4113
e - little@adelphi.edu

Pre-Law Advisers

Richard Garner, *Dean, Honors College*
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Lester B. Baltimore, *Associate Provost for Academic Affairs, Office of Academic Services and Retention*
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Robert I. Schwartz, *Director, Office of Pre-Professional Advising and Fellowships*
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Many additional faculty members provide excellent assistance to the pre-law student.

Pre-Health Preparation

The health professions are popular career goals for many Adelphi students. Students preparing for allopathic, chiropractic, dental, optometric, osteopathic, pharmacy, physician assistant, podiatric, or veterinary medical schools (“pre-meds”) or those interested in physical therapy may major in any subject but must all take a number of science courses: you must consult with the advisor of the field you are interested in (Typically: general chemistry, organic chemistry, general biology, and physics [all one year sequences] and at least one semester of math and statistics.) Careful planning is important because the required science courses must be completed by the end of the

junior year, at which time the national pre-professional examinations (Medical College Admissions Test [MCAT], Dental Admissions Test [DAT], Optometry Admissions Test [OAT], Graduate Record Exam [GRE]) should be taken.

Admission to health professional schools requires excellent grades, good performance on standardized tests (which test reading, reasoning, mathematical skills and science knowledge), and documented interest in the profession, as evidenced by relevant volunteer work or employment and knowledge of the profession.

All pre-health students should register with the Office of Pre-Professional Advising and Fellowships in Levermore Hall 303, early in their college career and no later than the end of their sophomore year. In the fall of their junior year students should make an appointment with the OPPAF Director, Robert Schwartz, to discuss the application procedure and finalize the process of gathering letters of evaluation. Early consultation with the departmental adviser and pre-medical adviser are recommended to discuss career plans, assure appropriate course selection, and monitor progress.

Pre-health students can keep abreast of current details concerning admission requirements, application procedures, required standardized tests, and summer programs by checking the OPPAF bulletin wall located in Levermore 303 and on the first floor of the Science Building as well as checking with the Office of Pre-Professional Advising and Fellowships; visiting Adelphi's pre-health Web page (academics.adelphi.edu/artsci/prehealth); subscribing to the pre-health email list (subscribe in Levermore 303); and participating in the Pre-Health Professions Club, the Biology Club, the Chemistry Club and if selected, the Pre-Health Honor Society (Alpha Epsilon Delta, AED). Books on the application process, test preparation, and medical school bulletins are available for examination in OPPAF, Levermore 303.

Students with a bachelor's degree in non-science disciplines can prepare for health professional school admission by participating in the post-baccalaureate pre-medical program. Candidates with degrees in non-science disciplines can take the required pre-medical courses and appropriate ancillary courses and receive advising and letters of evaluation in support of their professional school applications. (See Post-Bachelor's program below). Science graduates interested in becoming health professionals may also participate in this program or may benefit by enrolling in the M.S. program in biology to improve their pre-health credentials. They too will receive full pre-health support services. More information about these programs can be obtained from Robert Schwartz at (516) 877-3140 or by emailing: rschwartz@adelphi.edu. The M.S. program in biology is described in the College of Arts and Sciences section of this *Bulletin*.

Information about Adelphi's Joint Degree/Early Acceptance Programs in optometry, dentistry, physical therapy, podiatry, and osteopathic medicine can be found later in this chapter.

Pre-Health Advisers

Robert I. Schwartz, *Director, Office of Pre-Professional Advising and Fellowships*
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Charles S. Shopsis, *Chair, Pre-Medical Council, Associate Dean, College of Arts and Sciences*
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Many faculty members, particularly those in the sciences, have extensive experience in assisting students in their quest for acceptance into professional school and are extremely helpful.

Post-Bachelor's Certificate in Basic Sciences for Health Professions

Shawn O'Riley, *Executive Director, University College*
Hagedorn Hall, Room 201H
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The University College post-bachelor's Basic Sciences for Health Professions Certificate program (34 credits) is designed for students who want to pursue a career in the health professions but did not complete the required science courses in their undergraduate degree program. The goal of the program is to help this special group of students get accepted into the school of their choice. Throughout the program, students receive personalized academic and application advisement through the Office of Pre-Professional Advisement.

For more information, please see the University College section of this Bulletin or visit: academics.adelphi.edu/universitycollege/certificate/healthprof.php.

Joint Degree/Early Assurance Programs

Adelphi University's Joint Degree/Early Assurance and Early Acceptance Programs offer highly motivated and goal-oriented students a direct path to rewarding professional careers in dentistry, engineering, environmental studies, law, optometry, osteopathic medicine, podiatry and physical therapy.

These programs give students an opportunity to combine Adelphi's undergraduate experience with professional programs at such prestigious institutions as Tufts University School of Dental Medicine, New York University College of Dentistry, Columbia University, New York Law School, New York Medical College, New York College of Podiatric Medicine, Touro College, and the State University of New York (SUNY) College of Optometry. These programs are hugely rewarding, personally and professionally.

Alternative Admission Routes

Most students apply to the joint degree/Early Assurance Programs as high school seniors; however, with careful planning and advisement, some of these programs may be open to transfer students and current Adelphi students. Admission to Adelphi's joint degree/Early Assurance Programs are highly selective and the work is challenging. For complete information on Adelphi admission requirements please see the Admissions chapter of this *Bulletin*.

Participation in any one of the programs demands commitment and requires careful planning and advisement in terms of course selection and internships. Faculty and staff work as teachers, academic advisers, and counselors to help students meet the demands of each program. Students experience careful planning and advisement; a committed faculty; small classes; state-of-the-art computer, library, and laboratory facilities; opportunities for internships and research; and a stimulating environment in which they can succeed

Students interested in the joint degree/Early Acceptance Programs may also be eligible to apply to the Honors College or Levermore Global Scholars Program. While fulfilling Adelphi's General Education requirements, students in the Honors College have a unique opportunity to look at contemporary issues through a wide-ranging knowledge of the past in art, science, social thought, and the humanities, with faculty mentors and a small group of students.

A. Dentistry (NYUCD or Tufts)

New York University College of Dentistry (NYUCD)

3-4 B.A. or B.S./D.D.S. Early Assurance Program

Bachelor of Arts or Science degree from Adelphi University/Doctor of Dental Surgery degree from New York University College of Dentistry

Adelphi University participates in an Early Assurance program with NYUCD in which students study for three years at Adelphi. After completing 90 credits at Adelphi, students begin their first year of dental school which counts as the final 30 credits needed to be eligible for the bachelors' degree at Adelphi. After successful completion of the fourth year at NYUCD students are eligible for the D.D.S. degree. To be considered for admission to the Early Assurance Programs with NYUCD, applicants must have a minimum combined critical reading and math score of 1300 (or the equivalent ACT score of 29), a minimum high school GPA of 3.5, and a strong letter of recommendation from their high school counselor.

A student's eligibility to remain in the program is conditioned upon his/her maintaining a minimum cumulative grade-point average of 3.5 for each semester at Adelphi.

Each student will be required to take the Dental Aptitude Test (DAT) and any and all other entrance examinations then required by NYUCD by the end of the fall semester of the student's third year at Adelphi.

At the start of each student's third year of study at Adelphi, Adelphi shall provide NYUCD's Admissions Committee with a copy of the Program Student's official transcript, a separate calculation of the Student's grade-point average for science and non-science courses, and a recommendation on behalf of the Student.

To be eligible for admission to NYUCD's D.D.S. program, a program student must meet at least the following criteria:

- Completion of at least (90) credits of course work at Adelphi, including completion of all General Education requirements, all major course work, and in addition the following prerequisites: Chemistry 111 and 112 with lab, Physics 111 and 112 or 113 and 114 with lab, Organic Chemistry 251, 252, 253, 254, Biology 111 and 112 with lab, and 6 credits of English and such other minimum core course requirements for admission as may be in effect from time to time.
- A minimum cumulative grade-point average of 3.5.
- No final grade of D or F in any course.
- Performance that is satisfactory to NYUCD on any examination required for admission to NYUCD.
- A recommendation for admission from the Pre-Professional Advisory Committee at Adelphi.

- Participation in at least two orientation programs at NYUCD during the student's first three academic years in the Program.

In addition to meeting the admission requirements and criteria established by NYUCD for admission into its DDS Program, a student will be admitted into NYUCD only after completion of a satisfactory interview with NYUCD's Admissions Committee and certification by the Pre-Professional Advisory Committee at Adelphi that the student has completed all criteria.

Students who have satisfactorily completed the first year of NYUCD's D.D.S. Program and have fulfilled all other requirements for the bachelor's degree from Adelphi shall be awarded a bachelor's degree by Adelphi at the end of their first year at NYUCD. The granting of the bachelors degree from Adelphi University after successful completion of the first year of dental school at NYUCD requires a request from the student.

For additional information, please contact the Department of Biology at 516.877.4200 or the Office of Pre-Professional Advising and Fellowships at 516.877.3140.

Tufts University School of Dental Medicine

4-4 B.S./D.M.D. Early Assurance Program

Bachelor of Science degree from Adelphi University/Doctor of Dental Medicine degree from Tufts University School of Dental Medicine

Students interested in the field of dentistry may apply for the Early Assurance Program with Tufts University School of Dental Medicine. Students will earn a B.S. in biology after four years at Adelphi University; students who meet eligibility will have the opportunity of being admitted to Tufts where they will complete four years of study earning a D.M.D.

Eligible candidates must meet the following requirements:

First-year students at Adelphi who are biology majors and who have indicated an interest in the Early Assurance Program must maintain an overall GPA of 3.5 to be recommended to Tufts University School of Dental Medicine.

Students must complete an application, no later than April 15, in order to be eligible for an interview in Boston with Tufts School of Dental Medicine Admissions Committee during the spring of the first year of study at Adelphi to qualify for entrance into the Early Assurance Program. Students must continue to maintain 3.5 overall GPA as well as a 3.5 overall in science courses.

If a student falls between a 3.3-3.49 GPA they will be placed on probation for 1 semester and must achieve a GPA over a 3.5 to be removed from probation. If a student falls below a 3.3 they are automatically removed from the program.

During their undergraduate studies at Adelphi, students must take two semesters of

general biology, general chemistry, organic chemistry, general physics, and at least one semester of biochemistry.

Please note: Tufts and Adelphi recommend that students take advanced biology courses; including Anatomy, Physiology, Histology and Immunology so that students are better prepared for their first year at Tufts.

When taking courses towards the General Education requirements, writing-intensive courses are encouraged. A sculpture course is also recommended in partial fulfillment of the Arts requirement.

DAT Score 18/17/18—academic average/perceptual ability/total science—must be submitted no later than end of junior year—students may submit scores three times in order to achieve the required score.

Students must be interviewed at Tufts during senior year and Tufts reserves the right to reject students to the DMD program on the basis of its assessment of a students' candidacy following an interview.

For additional information, please contact the Department of Biology at 516.877.4200 or the Office of Pre-Professional Advising and Fellowships at 516.877.3140.

Admission Requirements

Applicants to this joint degree program in dentistry must first apply to Adelphi University and indicate interest in the dentistry program. To be eligible for the Tufts program students must have a strong academic average in high school, solid combined SAT scores, and a strong letter of recommendation from their high school counselor. Candidates are also required to participate in interviews with the Tufts University School of Dental Medicine at the end of the first year of study at Adelphi.

B. Pre-Engineering Preparation

Engineering Combined Plan Program with Columbia University

3/2 Adelphi B.A. or B.S./Columbia B.S. Program

4/2 Adelphi B.A. or B.S./Columbia B.S. Program

or

4/2 Adelphi B.A. or B.S./Columbia M.S. Combined Plan Program

This program admits highly promising students who have demonstrated a high level of scholastic accomplishment and interest in pursuing engineering careers.

At Adelphi, students get individual and personal attention from faculty. Small classes mean students work closely with faculty (not teaching assistants) that include

internationally renowned authors of university textbooks and highly accomplished scientists. A faculty adviser will guide each student in accomplishing his/her academic and professional goals.

The Department of Physics at Adelphi has one of the finest undergraduate programs in the country. The department also boasts of computerized modern instructional laboratories. Research facilities include fully equipped state-of-the-art lasers and modern optics, quantum optics, nonlinear optics, atom trap physics, energy technologies, quantum dots (nanotechnologies), and laser sensor laboratories. A large number of our undergraduate students participate in research and present their results at national conferences.

Students interested in engineering have the option interested in engineering have the option of three joint degree programs offered by Adelphi University in conjunction with Columbia University. The first program offers a bachelor's degree from Adelphi (in a selected major such as physics, math/computer sciences, biology, chemistry) and a B.S. in an engineering discipline from the participating institution. In the second program, students earn a bachelor's degree from Adelphi and an M.S. in a field of engineering from the graduate school. The third program offers a B.S. degree from Adelphi University and an M.S. in engineering/applied sciences from Columbia University. Combining liberal arts study and specialized engineering training, these programs provide students with the opportunity to achieve both highly developed technical and communication skills.

Engineering disciplines include:

- Applied Mathematics
- Applied Physics
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Earth and Environmental Engineering
- Electrical Engineering
- Engineering and Management Systems
- Engineering Mechanics
- Industrial Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Operations Research

3/2 B.A. or B.S/B.S. Combined Plan Program in Engineering

Students spend three years at Adelphi and two years at Columbia University College of Engineering and Applied Science. The Adelphi bachelor's degree (in a selected major

such as physics, math/computer sciences, biology, chemistry) will be granted upon petition by the student after successful completion of the first year at the professional school earning the required credits. The B.S. degree in engineering will be granted by the Columbia University, School of Engineering and Applied Science, upon successful completion of its requirements.

For guaranteed admission to Columbia University, students must have a GPA of 3.0 or higher at Adelphi and submit three letters of recommendation from their Combined Plan Program liaison and two faculty members, one each from science and math instructors.

The following is required of all majors at Adelphi University who wish to transfer to Columbia: students should consult with their advisor to tailor student-specific career goals. While at Adelphi, your bachelor's degree must include (all are required as part of the Physics major program; other majors must be sure to take the following courses in addition to their major course requirements):

MATHEMATICS

MTH 141 Calculus and Analytic Geometry I (*4 credits*)

MTH 142 Calculus and Analytic Geometry II (*4 credits*)

MTH 243 Calculus III (*4 credits*)

MTH 244* Introduction to Ordinary Differential Equations (*3 credits*)

OR

MTH 253** Linear Algebra (*4 credits*)**

PHY 211*** Introduction to Mathematical Methods in Physics (*4 credits*)

Notes:

*Computer science majors are exempt from MTH 244

** MTH 253 is highly recommended and preferred by some concentrations

***PHY 211 satisfies Columbia's prerequisite for Calculus IV.

PHYSICS

PHY 113 Physics for Science Majors I (*4 credits*)

PHY 114 Physics for Science Majors II (*4 credits*)

Note: PHY 216 Modern Physics (4 credits) is highly recommended.

CHEMISTRY

CHE 111 General Chemistry I (*4 credits*)

Note: Some Columbia Engineering Programs require an additional second semester of Chemistry, CHE 112. For applied Physics and Applied Mathematics programs, CHE 111 General Chemistry I can be substituted by one semester of BIO 111 Biological Concepts and Methods I. Furthermore, either one semester PHY 322 Advanced Physics Lab (4 credits) or one semester CHE 111 Chemistry is generally required.

COMPUTER SCIENCE

CSC 171 Introduction to Computer Program (*4 credits*)

CSC 172 Introduction to Algorithms and Data Structures (*4 credits*)

Students must work with an academic advisor to make sure they meet all requirements. Students must complete all major course requirements and general education requirements before transferring to Columbia.

SOCIAL SCIENCES

ECA 111 The Price System

OR

ECA 112 The National Economy

OR

ECA 101 Introduction to Economics

Suggested:

ANT 111 Cultural Anthropology

Suggested Art Courses:

ARH 196 Art and The World I

ARH 197 Art and The World II

Suggested Humanities Courses:

PHI 110 Introduction to Philosophy

ENG 231 Literature in English I

Language Course

For additional information, please contact the Office of Pre-Professional Advising and Fellowships at 516.877.3140, or your major department:

Department of Physics, 516.877.4880

Department of Mathematics and Computer Sciences, 516.877.4480

Department of Biology, 516.877.4200

Department of Chemistry, 516.877.4130

4/2 Combined Plan Program leading to a B.A. from Adelphi University and B.S. in Engineering from Columbia University

A student transfers to Columbia University College of Engineering and Applied Science after obtaining a B.A./B.S. degree majoring in a science discipline and transfers to Columbia University for B.S. in engineering degree.

4/2 Combined Plan Program leading to a B.A. or B.S. from Adelphi University and M.S. in Engineering from Columbia University

In this program, students earn a bachelor's degree from Adelphi (in a selected major such as physics, math/computer sciences, biology, chemistry) in four years and then pursue two years of study in a graduate school of engineering, leading to an M.S. in an engineering discipline.

For this program, the requirements for Admission to Columbia:

- Must attend Adelphi University as a full-time student for at least two years and have a 3.0 or better overall GPA and 3.0 overall GPA average in the sciences/math/computer science courses
- Completion of a total of 97 credits with the appropriate courses (including all on the list above) by the end of junior year
- Three letters of recommendation: one from the dual degree engineering director (Dr. G. Rao), one from a science professor, and one from a mathematics/computer science professor. Both professors need to have taught the student in his/her sophomore year or later.

For additional information and admission details, please contact Gottipaty Rao, Ph.D., and/or the other advisors listed below.

Pre-Engineering Advisers

Gottipaty Rao, Ph.D., *Chair, Department of Physics*
Blodgett Hall, Room 8A
p – (516) 877-4877
e - rao@adelphi.edu

Hobbie, Lawrence J., *Chair, Department of Biology*
Science Building, Room 102
p – (516) 877-4198
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Joseph M. Landesberg, *Chair, Department of Chemistry*
Science Building, Room 201
p – (516) 877-4148
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William L. Quirin, *Chair, Department of Mathematics and Computer Science*
Alumnae Hall, Room 109
p - (516) 877-4487
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C. Environmental Studies

Columbia University

3/2 B.A./B.S. Combined Plan Program

4/2 M.S. Combined Plan Program

M.S. Program in Earth Resources Engineering

Applicants to the joint degree program in environmental studies must apply to Adelphi University and indicate interest in the environmental studies joint degree program.

The Combined Plan Program in Environmental Studies is an educational affiliation between Adelphi University and the Henry Krumb School of Mines at Columbia University. It provides the best higher education experience possible—liberal arts and sciences and engineering; exceptional preparation and training for the professional world. As a qualified environmental studies student, you can pursue bachelors- and master's-level studies at Columbia through three programs.

3/2 Adelphi University/Columbia University Combined Plan Program

This program, three years at Adelphi and two years at Columbia, provides you with a B.A. in environmental studies from Adelphi and a B.S. in earth and environmental engineering from Columbia.

4/2 M.S. Adelphi University/ Columbia University Combined Plan Program

If you hold a B.A. in environmental studies from Adelphi, this program, four years at Adelphi and two years at Columbia, allows you to pursue an M.S. in earth resources engineering from Columbia.

M.S. Program in Earth Resources Engineering

In addition to the 4/2-year option, Columbia University's Department of Earth and Environmental Engineering and Adelphi's Environmental Studies Program collaborate in having Adelphi graduates apply/register for Columbia's M.S. Program in Earth Resources Engineering. Regardless of major, specific prerequisites are required for entry into this program. Please refer to *4/2 Engineering Combined Plan* in the previous section, for prerequisites for students in all majors. Earth and environmental sciences majors are required to take additional prerequisites listed below (Courses are 3 credits unless noted otherwise):

MTH 361 Introduction to Probability Theory

OR

PHY 230 Engineering Statistics Chemistry

(MTH 362 Mathematical Statistics is highly recommended)

CHE 112 General Chemistry II (*4 credits*)

CHE 251 Organic Chemistry I (*4 credits*)

ENV 109/

EAS 102 Physical Geology (May be taken while at Columbia (as EESC W4001
Advanced General Geology)
ENV/EAS 224 Marine Science (4 credits)
ENV/EAS 323 Marine Resources
ENV/EAS 156 Weather and Climate
ENV 102/ EAS 102 Natural Sciences and Env. Problems
ANT 229 Humankind, Culture, and the Environment (4 credits)

One course chosen from among the following:

PHY 211 Introduction to Mathematical Methods in Physics (4 credits)
PHY 216 Modern Physics (4 credits)
PHY 380 Electromagnetic Theory (4 credits)
PHY 428 Quantum Mechanics (4 credits)
BIO 111 Biological Concepts and Methods I (4 credits)
BIO 112 Biological Concepts and Methods II (4 credits)
BIO 365 Molecular Cell Biology I (4 credits)

For additional information, consultation about specific courses and advice please contact:

Anagnostis Agelarakis,
Professor and Director of Environmental Studies
Science Building - Room 230
p – (516) 877-4112
e - agelarak@adelphi.edu

Gottipaty Rao, Ph.D.,
Chair, Department of Physics
Blodgett Hall, Room 8A
p – (516) 877-4877
e - rao@adelphi.edu

D. Law

New York Law School

3-3 B.A. or B.S./J.D. Joint Degree Program

Bachelor of Arts or Bachelor of Science degree from Adelphi University/Doctor of Jurisprudence degree from New York Law School

A combined program, three years at Adelphi University and three years at New York Law School, enables students to take the required prerequisite courses at Adelphi and transfer to New York Law School after completing the junior year. With careful planning and strong credentials, a student can receive both a bachelor's degree from Adelphi and a J.D. degree from New York Law School in one fewer year than usually required. The LSAT requirement is waived for most students.

Entrance to the Joint Degree Program may occur at one of several points, based upon the applicant's background, achievement, and demonstrated academic potential, with appropriate criteria specified for each potential point of entry.

The entering Adelphi freshman student who has demonstrated academic superiority through high school grades and class rank, combined with strong performance on the Scholastic Achievement Test (SAT), and through other achievements, and who has a declared interest in the study of law, can be considered for this program. For admission to the program, the applicant must be: eligible for admission to Adelphi; recommended by Adelphi for admission to the joint program; and found eligible for provisional admission by NYLS after completion of a modified law school admission application form that includes NYLS application questions relevant to character and fitness issues.

For the entering Adelphi freshman student, the quantitative admission criteria for this program are as follows:

- A combined SAT score of 1200 (Reading Comprehension and Mathematical Analysis sections, not the Writing section)
- Applicants whose combined SAT score includes either a Reading Comprehension or a Mathematical Analysis score below 550 will be considered on a case-by-case basis
- A weighted grade-point average of at least 3.40 achieved in a rigorous high school curriculum.

For the student who has completed the first year of study at Adelphi and who did not meet the Joint Degree Program entrance criteria prior to admission to Adelphi, admission to the Adelphi/NYLS Joint Degree Program after the first year of study at Adelphi is likely if the student has: a minimum SAT score of 1100 (derived from the Reading Comprehension and Mathematical Analysis sections only); maintained a grade-point average (GPA) of 3.50 or better while at Adelphi; successfully completed the appropriate preparation courses in rigorous academic majors; been recommended by the liaison offices at Adelphi; had a successful interview with a designated NYLS admission representative; and been found eligible for provisional admission by NYLS after completion of a modified law school admission application form that includes NYLS applications questions relevant to character and fitness issues.

For the student who has completed the junior year at Adelphi, admission to NYLS may be possible if the student has: achieved an exceptional grade-point average at Adelphi; successfully completed the appropriate preparation courses; been recommended by the liaison offices at Adelphi; performed well on the LSAT and had the score reported to NYLS; had a successful interview with a designated NYLS admission representative; and been found eligible for provisional admission by NYLS after completion of a modified law school admission application form that includes NYLS applications questions relevant to character and fitness issues.

For the entering Adelphi Transfer/Adult Student, admission to the Joint Degree Program

is possible as follows: the student has achieved a combined SAT score of at least 1200 (Reading Comprehension and Mathematical Analysis only) and a grade-point average of at least 3.50 from a regionally accredited college or university; or the student does not meet the criteria above, but demonstrates academic promise and is recommended by the liaison offices at Adelphi has the opportunity to be considered on a case-by-case basis.

Students who enter as Adelphi Transfer/Adult Students who wish to be considered for admission to the Joint Degree program after enrolling at Adelphi may be considered as follows: the student has completed a minimum of 60 credits at Adelphi with an Adelphi GPA of at least 3.50; the student has completed at least 45 credits at Adelphi with a superior GPA, recommendation by the liaison offices at Adelphi, and a successful interview with a designated NYLS admission representative, has the opportunity to be considered on a case-by-case basis.

Students may major in any academic discipline in their pre-law studies, however, this program does not recommend that students pick a major in the School of Business (excluding economics) due to the high number of course credit requirements. (It is difficult to complete an accounting, management or finance major in only three years of study along with General Education Requirements.)

Program Requirements

A student admitted to the program begins an accelerated course of study at Adelphi, enabling completion of the in-residence undergraduate phase in three years, earning a minimum of 90 credits, where necessary through a combination of advanced placement credit, course overloads, and summer courses. All courses in the in-residence undergraduate program are to be taught by Adelphi faculty on any of the four Adelphi campuses (Garden City, Manhattan, Huntington, and Poughkeepsie). The student is required to follow the prescribed program at Adelphi and maintain an undergraduate GPA of 3.5 or better.

While enrolled at Adelphi, the student must pursue and show academic success and demonstrate skills in writing through course work, graded writing samples, portfolios, or other such materials. To continue as a matriculated student at New York Law School, the student must receive recommendation letters from the program dean and pre-law advisor.

On completion of the third year of the undergraduate program, registration in the NYLS program is dependent upon satisfying the requirements above along with completion of a modified law school admission application form that includes updated information in response to NYLS application questions relevant to character and fitness issues.

Scholarship Awards

For the first year of study at NYLS, NYLS will guarantee the continuation of the merit scholarship the student received at Adelphi. Renewal after the first year will be based upon achievement of the GPA required for renewal of NYLS administered merit scholarships. Students may be considered for NYLS merit scholarships with enhanced

award amounts by taking the LSAT. Appropriate counseling, based on consultation with NYLS admission representatives, should encourage only those whose likely score would yield an enhanced award.

For further information, please contact the Office of Pre-Professional Advising and Fellowships at 516.877.3140.

E. Optometry

SUNY College of Optometry

3-4 B.S./O.D. Joint Degree Program

Bachelor of Science Degree from Adelphi University/Doctor of Optometry degree from SUNY College of Optometry

Adelphi University and SUNY College of Optometry jointly select students each year who will select a major at Adelphi and who will enter the SUNY College of Optometry at the end of their third year of undergraduate study. Adelphi University will confer the bachelor's degree after the successful completion of the first year of optometry school, upon petition by the student.

Applicants to the joint degree program in optometry must first apply to Adelphi University and indicate interest in the optometry program. To be considered for this program directly from high school, candidates must have the following:

- SATs of at least 1300 with the Math score of at least 670
- A high school grade-point average of at least 93 out of 100
- Should be in the upper 10% of their high school class (depending on the reputation of the high school)
- A definite interest in the profession of optometry and have explored it
- Evidence of community involvement
- Reasonable communication and interpersonal skills
- An interview

Most students major in the natural sciences (biology, chemistry, etc.) because the prerequisites for optometry school are science intensive. However, prospective students can major in any degree discipline as long as they complete all the prerequisite courses for optometry:

- General Biology with Labs (1 year)
- General Chemistry with Labs (1 year)
- Organic Chemistry/Biochemistry with Labs (1 year)
- General Physics with Labs (1 year)
- Calculus (1 semester)

- Psychology (1 semester)
- Statistics (1 semester)
- English (1 year)
- Social Sciences (1 year)

To be considered once attending Adelphi University, candidates must have the following:

- An overall GPA of at least 3.3
- An overall GPA of at least 3.3 in all math and science prerequisites taken with no individual grade below a C
- A definite interest in the profession of optometry and have explored it
- Evidence of community involvement
- Reasonable communication and interpersonal skills
- An interview

If admitted into the 3/4 program, the following are required while attending Adelphi University:

- Maintain at least a 3.3 overall GPA
- An overall GPA of at least 3.3 in all math and science prerequisites taken with no individual grade below a C
- Take the Optometric Admission Test in the third undergraduate year and attain a Total Science score (TS) of at least 330 with no individual score below a 310
- Letters of recommendation
- Transcripts of all academic work
- Evidence of community involvement
- Explore the profession extensively by visiting several optometric practices
- Submit the routine application required of all students during your junior year
- Participate in a final interview at the SUNY College of Optometry during your junior year
- Meet all the requirements of graduation from Adelphi University

For additional information, please contact the Department of Biology at (516) 877-4200 or the Office of Pre-Professional Advising and Fellowships at (516) 877-3140.

F. Osteopathic Medicine

Touro College of Osteopathic Medicine (TouroCOM)

3/4 Early Assurance B.S./D.O. Joint Degree Program

Bachelor of Science degree from Adelphi University/Doctor of Osteopathic Medicine degree from Touro College

The Touro College of Osteopathic Medicine (TouroCOM) located in New York City is focused on preparing students to become osteopathic physicians. TouroCOM places special emphasis on teaching and learning in the areas of primary care with a holistic approach to patient wellness. TouroCOM is committed to identify and recruit students who have specific interest in practicing in underserved communities.

Qualified high school graduates desirous of obtaining a degree in Osteopathic Medicine via this articulated program will meet the requirements and qualifications for admission established by Adelphi University. The joint decision to accept a student into this articulated program will be made in a manner consistent with the published admissions requirements by a combined admissions committee consisting of both Adelphi University and TouroCOM faculty. Students admitted to the undergraduate phase of the curriculum will be classified initially as fully matriculated students to Adelphi University, but not TouroCOM. A conditional acceptance will be made to these students, prior to or following matriculation at Adelphi University. The conditional acceptance to TouroCOM will be based on the student's acceptance by an Adelphi University and TouroCOM combined admission's committee, successful completion of the Adelphi University pre-professional undergraduate course of study, and successful completion of the TouroCOM admission requirements. No explicit or implicit guarantee of acceptance into the professional phase of the curriculum at TouroCOM will be offered to any candidate by anyone connected with this program or in any official or unofficial publication until such candidate successfully meets and fulfills all of the prescribed requirements.

To be considered for the 3/4 Early Assurance Program upon application to Adelphi University directly from high school:

1. Must have total SAT scores of at least 1300 on the verbal and math sections, with a math score of at least 650
2. Must have a high school grade point average of at least 93%
3. Should be in the upper 10% of their high school
4. Must have a definite interest in the profession of Osteopathic Medicine and have explored it
5. Must show evidence of community involvement
6. Must have reasonable communication and interpersonal skills
7. Submit to a Pre-Medical Council interview
8. Must adhere to conditions set by Touro College of Osteopathic Medicine regarding admission

To be considered once attending Adelphi University and to maintain standing in the 3/4 Early Assurance Program, students:

1. Must have an overall GPA of at least 3.5
2. Must have an overall GPA of at least 3.5 in math and science courses taken with no individual grade below a "C"
3. Must have a definite interest in the profession of Osteopathic Medicine and have explored the field including shadowing an Osteopathic Physician
4. Must show evidence of community involvement

5. Must have reasonable communication and interpersonal skills
6. Submit to a Pre-Medical Council interview and review.
7. Must adhere to conditions set by Tour College of Osteopathic Medicine regarding admission.
8. Must be able to complete the Adelphi University pre-professional curriculum within 3 years as well as the requirements for conditional acceptance.
9. Must adhere to conditions set by Tour College of Osteopathic Medicine regarding admission

TouroCOM Curriculum Requirements

The curriculum for the pre-professional undergraduate course of study at Adelphi University will be determined by the requirements necessary for the granting of the Bachelor of Science Degree by Adelphi University at the time of successful completion of the first year of study at TouroCOM. The pre-professional undergraduate curriculum, taken at Adelphi University, will include all of the courses required by TouroCOM as part of its admission requirements that are clearly described in a current TouroCOM catalog.

TouroCOM Admission Requirements

TouroCOM will consider for conditional acceptance all students who have successfully completed the pre-professional phase of their program at Adelphi University. They will be accepted into the first year of instruction at TouroCOM provided the following conditions have been met:

1. The satisfactory completion of the entire pre-professional curriculum with a minimum overall GPA of 3.5 (on a scale of 0 to 4.0), minimum science GPA of 3.5 (on a scale of 0 to 4.0).
2. A minimum score of 24 on the MCAT with no subset scores less than 6, taken within 3 years of the potential applicant start date to TOUROCOM.
3. A personal interview by the TouroCOM Admissions and Standards Committee, a positive recommendation to accept the candidate, and ultimate approval of that recommendation by the Dean of TouroCOM. This interview will occur during the joint admissions review process in the spring of the student's Junior year at Adelphi University.
4. Demonstrate a commitment to study osteopathic medicine. This commitment could be demonstrated by volunteering in a medical setting, shadowing an osteopathic physician, becoming knowledgeable on osteopathic medicine.

The Bachelor of Science Degree will be conferred by Adelphi University after the successful completion of the first year of study at TouroCOM.

For additional information, please contact the Department of Biology at (516) 877-4200 or the Office of Pre-Professional Advising and Fellowships at (516) 877-3140.

F. Physical Therapy

New York Medical College

4-3 B.S./D.P.T. Early Acceptance Program

Bachelor of Science degree from Adelphi University/Doctor of Physical Therapy degree from New York Medical College

The Doctor of Physical Therapy (DPT) degree program is a wonderful opportunity for graduates of Adelphi to transition to NYMC whose campus setting is much like ours. NYMC offers close professional relationships between faculty and students, class size target is limited to 30 students and students are assigned to faculty members for professional development and advisement. NYMC welcomes students to apply from across all academic disciplines as long as all prerequisites are met. Also, Adelphi students who are recommended by Adelphi's Pre-Professional Advisory Committee are waived from taking the GRE.

This program prepares students to become competent and caring physical therapists who will be able to skillfully practice in a variety of clinical settings and evolve with changes in the healthcare system. The program provides students a strong foundation in the basic sciences, expertise in the examination, diagnosis, and treatment of movement impairments, and extensive clinical training much of which may be completed on Long Island during the second and third years of study in the practice of physical therapy.

Faculty from the Department of Physical Therapy, the School of Medicine, and the School of Basic Medical Sciences provide students an outstanding education in the sciences that underlie physical therapy. The educational process culminates with opportunities for specialization in clinical education and through the completion of a doctoral thesis in an area of teaching, public health service, or clinical research.

A graduate of the DPT program at NYMC is prepared to immediately pass the national licensure examination, a requirement for physical therapy practice, and to assume full clinical responsibilities. NYMC has a 91% first-time passing rate and 100% ultimate passing rate for the national licensure exam.

Qualifications for Early Acceptance Programs

Students may apply for the Early Acceptance Programs through the application process to Adelphi University. Students will qualify if their high school GPA is a 3.5 or higher and if their SAT scores are a combined total of 1300 with at least a 620 in the math section. Students who are currently attending Adelphi may also apply to the program. Once accepted by Adelphi's Pre-Professional Advisory Committee students must maintain the following while attending Adelphi:

- GPA 3.3 and above, no grades below C
- 3 Recommendation letters—letters must come from, Adelphi's Pre-Professional Advisory Committee, a faculty member, a physical therapist
- Current certification in first aid and cardiopulmonary resuscitation

- Physical Therapy Experience—Greater than 50 hours of volunteer experience in two or more physical therapy clinics

The following courses are the prerequisites required for admission to the program:

BIO 111 Biological Concepts and Methods with lab

PHY 111 and 112 College Physics I and College Physics II both with labs

CHE 111 and 112 General Chemistry I and General Chemistry II both with labs (students may take CHE 107 and 108 Essentials of Chemistry I and II both with labs but CHE 111 and 112 is preferred. CHE 251 Organic Chemistry is recommended but not required)

BIO 203 and BIO 204, both with labs

PIA 101 General Psychology (and one advanced level psychology course)

One course in Math; Calculus preferred

One course in Statistics (MTH 113 Survey of Statistics or MTH 114 Statistics for the Natural Sciences; or PIA 137 Psychological Statistics or SOC 200 Sociological Statistics)

Processes for Early Acceptance Programs for Current Students Who Qualify for Admission

Adelphi's Pre-Professional Advisory Committee will monitor the academic progress of qualified students making sure they are meeting all requirements. Students who fall below a 3.3 GPA will be granted a one semester probation period in order to return the GPA to 3.3 or higher. If a student does not succeed in meeting this requirement, the student will then be removed from the program. Students who satisfy all requirements will be reviewed by Adelphi's Pre-Professional Advisory Committee who will notify the chair of the Department of Physical Therapy in the School of Public Health, NYMC. The Committee and the Chair will counsel the student during the undergraduate years to ensure that all admission requirements are completed. The Committee will formally recommend to the NYMC Admission office at NYMC that the student be considered for early acceptance and will submit the student's application. The student will visit the School of Public Health prior to the end of the junior year for a tour/orientation to the Department of Physical Therapy and for a formal interview. Contingent upon a favorable decision from NYMC Admissions Committee, the student will be given provisional acceptance. In order to confirm a place in the class, the student must submit a deposit at the beginning of the senior year, which will then be applied towards the first year of graduate study at NYMC. Formal acceptance is contingent upon the student's completion of all remaining undergraduate course work at a level comparable to their earlier course work and the submission of a final transcript indicating degree completion and date.

Admission Criteria

The final decision as to whether an applicant is accepted into NYMC rests with their Admissions Committee. This decision will be based on careful consideration of the recommendation of Adelphi's Pre-Professional Advisory Committee, the applicant's application materials, and the interview. Specific qualifications fall into the following two areas:

Academic Readiness

- The student must have a strong academic foundation in prerequisite coursework and in his/her major area of study.
- The student must have a plan in place to successfully complete all necessary coursework prior to beginning graduate study.
- One of three required recommendation letters must be from a college professor who can attest to the applicant's academic competency for graduate study in physical therapy.
- Graduate Record Examination scores—students recommended for early acceptance by Adelphi's Pre-Professional Advisory Committee will not be required to submit test scores from the GRE. The merits of the student's academic performance and the recommendations of Adelphi's Pre-Professional Advisory Committee will suffice.
- Additional factors that provide evidence of academic readiness include:
 - Special academic experiences or challenges (i.e., a particularly difficult major or elective courses, extra experience in research labs, study abroad, etc.)
 - Above average skill in writing, as demonstrated by the written personal statement and by grades in writing-intensive courses
 - Awareness of what problem-based learning requires and evidence of having the qualities necessary to succeed in a problem-based curriculum (i.e., self-directed, disciplined, good problem-solving abilities, willingness and ability to work in groups).

Professional Readiness

- The student must be able to clearly express his/her reasons for wanting to become a physical therapist, and explain how his/her decision is based on a sound appraisal of his/her own personal characteristics.
- The student must provide evidence of at least 50 hours of volunteer or work experience in physical therapy. It is preferred that these hours be fulfilled in two or more clinical sites that serve different types of patients.
- One of three required recommendation letters must be from a physical therapist with whom the student has worked in a volunteer or paid capacity. The therapist must be able to attest to the student's personal and professional attributes and competency for study and future practice in physical therapy.
- The student must be able to provide evidence of leadership, a strong work ethic, and a caring personality. These are demonstrated through the written personal statement, letters of recommendation, and the interview.
- The student must provide evidence of the attributes of maturity, responsibility, and service to others through life experiences and achievements. Requirements must be satisfied before entering the EAP with NYMC School of Public Health.

Students may be granted an Adelphi diploma after completion of their first year at NYMC.

For additional information, please contact the Department of Biology at (516) 877-4200, the Department of Health Studies, Physical Education and Human Performance Science at (516) 877-4260, or the Office of Pre-Professional Advising and Fellowships at (516) 877-3140.

G. Podiatry

New York College of Podiatric Medicine

3/4 B.S./DPM Early Assurance Program and Early Acceptance

Bachelor of Science (or Arts) degree from Adelphi University/Doctor of Podiatric Medicine degree from New York College of Podiatric Medicine

Adelphi University participates in an Early Assurance program with NYCPM in which students study for three years at Adelphi, matriculate at NYCPM in their fourth year. After one year at NYCPM receive their bachelors' degree from Adelphi and after for years at NYCPM receive their Doctor of Podiatric Medicine degree.

High school applicants to Adelphi University have the option of applying to an Early Assurance Program while current Adelphi University students have the option of applying to NYCPM for early admission and/or early decision. Each student to be considered must meet the following requirements:

(A). Early Assurance Program for High School Applicants

1. Must have total SAT scores of at least 1200 on the critical reading and math sections, with a math score of at least 600
2. Must have a high school grade point average of at least 3.5
3. Should be in the upper 10% of their high school
4. Must have a definite interest in the profession of podiatry and have explored it.
5. Must show evidence of community involvement
6. Must have reasonable communication and interpersonal skills
7. Must adhere to the requirements in paragraph (B) below to maintain their standing in the Early Assurance Program

(B). Early admission and/or early decision Program for Adelphi University applicants and to maintain standing in the Early Assurance Program.

1. Must have an overall GPA of at least 3.3

2. Must have an overall GPA of at least 3.3 in math and science courses taken with no individual grade below a “C
3. Must have a definite interest in the profession of podiatry and have explored it.
4. Must show evidence of community involvement
5. Must have reasonable communication and interpersonal skills
6. Submit to Pre-Medical Council interview and review

Students must also fulfill the requirements of the Pre-Professional Advisory Committee of Adelphi University and the admissions requirements of the NYCPM in order to formally enroll at NYCPM. These requirements include:

1. An interview with the Pre-Professional Advisory Committee of Adelphi University
2. A composite letter of evaluation for admission from the Pre-Medical Council at Adelphi University
3. Participation in an Open House at NYCPM during one of the student’s first three academic years in the program
4. A timely and satisfactory formal application to NYCPM
5. Official MCAT scores at least equal to NYCPM’s current minimum at the time of admission
6. A satisfactory evaluation in a personal interview by NYCPM

Adelphi University agrees to accept a maximum of 30 credits as transfer credits, for those NYCPM courses, which comprise part of the first year study of Podiatric Medicine. For purposes of conferring a Bachelor’s Degree from Adelphi University these credits will be regarded as the fourth year of study at Adelphi University. Credits will be allocated to the student’s major requirements or treated as elective credits, in accord with Adelphi’s major requirements.

Students will transfer a combination of the following courses that yields a maximum of 30 credits to be approved by either the Biology Department of Adelphi University for Biology majors, the Chemistry Department of Adelphi University for Chemistry or Biochemistry majors, or as elective credit for any other major at Adelphi University.

- Bacteriology
- Biochemistry
- Immunology
- Cell Biology and Histology and Lab
- Physiology & Lab
- Gross Anatomy and Lab
- Molecular Biology and Molecular Genetics
- Neurosciences

The granting of these credits is subject to the following conditions:

Students enrolled in the New York College of Podiatric Medicine requesting transfer of credits must have completed each course with a grade of “C” or higher at NYCPM in order to receive transfer credit at Adelphi University.

The student is responsible for properly completing the Adelphi University “Request to Study At Another Institution” form to assure the awarding of NYCPM credits to the Adelphi degree.

For additional information, please contact the Department of Biology at (516) 877-4200 or the Office of Pre-Professional Advising and Fellowships at (516) 877-3140.