

CONTENTS

A. PREPARATION AND PLANNING FOR DENTAL, MEDICAL AND OTHER PROFESSIONAL SCHOOLS

1. PREPARING AND PLANNING FOR A CAREER IN ALLOPATHIC, OSTEOPATHIC AND DENTAL MEDICINE. P. 2
2. PREPARING AND PLANNING FOR A CAREER IN VETERINARIAN MEDICINE. P. 7
3. PREPARING AND PLANNING FOR A CAREER IN OPTOMETRY, CHIROPRACTIC AND PODIATRIC MEDICINE. P. 12

B. AFFILIATED PROGRAMS AT PACE UNIVERSITY

1. OPTOMETRY P. 19
2. OCCUPATIONAL THERAPY P. 21
3. PHYSICAL THERAPY P. 22
4. PODIATRY P. 24
5. MEDICAL TECHNOLOGY

C. WORLD WIDE WEB SITES FOR PRE-HEALTH STUDIES P. 25

D. FINANCIAL AID WEB SITES P. 26

A.1 TO PACE STUDENTS PREPARING FOR A CAREER IN MEDICINE or DENTISTRY

Students interested in a career in medicine or dentistry should start preparing their dossier early on in order to build a record of pre-medical accomplishments. Your record should include the following:

1. Undergraduate Major, GPA
2. Prerequisite Courses
3. References & Pre-health Committee Letter
4. Admission Test (MCAT or DAT)
5. Health Related Experience, Volunteer work
6. Research or Internships
7. Hobbies and other interests

INFORMATION ABOUT THESE PROFESSIONS

MEDICINE, MEDICAL SCHOOLS

The student should complete a bachelor's degree program in any major and take the science requirements for medical school. Students should try to achieve a high GPA average. Recently admitted students have an average GPA of 3.59-3.56 for allopathic schools and 3.39-3.27 for osteopathic schools. Students should earn a good score on the MCAT. Average scores of recently admitted students are 29.7 for allopathic and 25 for osteopathic. Obtain a pre-health committee letter of recommendation. Involve yourself with health related volunteer work, community service, or research. Students should show dedication and sincerity in this area.

ALLOPATHIC: four years in medical school for a degree in the biomedical sciences, Medical Doctor (MD), followed by 3 to 7 years of residency depending on the specialty. There are 125 accredited medical schools in the US and 16 in Canada. All belong to the American Association of Medical Colleges (AAMC). Information on individual schools may be obtained from the medical school admissions requirements (MSAR), published by the AAMC. Their website: www.aamc.org. New York State has 11 schools out of which 4 are public-SUNY at Buffalo, Syracuse, Brooklyn, and Stony Brook.

OSTEOPATHIC: four years in medical school for a degree in the biomedical sciences, Doctor of Osteopathy (DO). Schooling is similar to allopathic medical schools with additional training in osteopathic philosophy of preventative medicine and manipulative techniques of osteopathy. There are 19 schools that belong to the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS). Information is available on their website AACOM: www.aacom.org. There is one school in NY: the New York College of Osteopathic Medicine (NYCOM) in Old Westbury, and it is private.

DENTISTRY, DENTAL SCHOOLS

Complete a bachelor's degree in any major. Obtain a high GPA. The average GPA of recently admitted students is about 3.4. Earn good grades in the DAT (dental admissions test). The average score of recently admitted students was 18. Obtain a Pre-health Committee letter. Involve yourself in dental volunteer work and/or research.

It takes four years to earn a Doctor of Dental Science (DDS) or a Doctor of Dental Medicine (DDM) with additional years of residency to specialize. There are 54 schools of dental medicine in the US and they belong to the American Association of Dental Schools (AADS). Fifty utilize the centralized American Association of Dental School Application Service (AADSAS). Information about dental admissions can be found in the AADS Admissions Requirements of US and Canadian Dental Schools. The AADS website is www.adea.org (adea = American Dental Education Association). There are 4 dental schools in New York: SUNY at Buffalo and Stony Brook are Public; NYU and Columbia are Private.

COURSE REQUIREMENTS

Requirements include one year of each of General Chemistry, Organic Chemistry, General Biology, General Physics, Math and English. A course or two in Biochemistry are not required but are greatly

recommended for those going into the medical professions. Below you will find a list of courses to take in order to meet the requirements:

GENERAL CHEMISTRY	CHE 111-112	9 CREDITS
ORGANIC CHEMISTRY	CHE 223-224	10 CREDITS
GENERAL BIOLOGY	BIO 101-102	8 CREDITS
GENERAL PHYSICS	PHY 111-112	8 CREDITS
ENGLISH	ENG 101-102	8 CREDITS
MATHEMATICS	MAT 131-132	8 CREDITS

Some medical and dental schools may recommend additional courses. Check the medical school requirements. All the above courses in chemistry, biology, physics and biochemistry have a laboratory requirement. All required courses should be taken for a grade. Each school has its own policy about AP credit. Usually, AP credit in this area should be followed with additional upper level work in the discipline including labs. AP credit in math is the only subject in which more advanced work is not required.

*Math is strongly recommended but not required at all medical and dental schools. Yet it is a pre-requisite for physics and chemistry.

Additional Courses

Medical schools would like applicants with a wide range of general and diverse knowledge. You can belong to any major and still apply to medical schools if you fulfill the above requirements. To further strengthen your application you may take the following additional courses if your course schedule allows for it.

- CHE 326 or BIO 327: BIOCHEMISTRY I or CELLULAR BIOCHEMISTRY: 4 CREDITS
- CHE 328: ADVANCED BIOCHEMISTRY: 3 CREDITS
- BIO 236: COMPARATIVE VERTEBRATE ANATOMY
- BIO 231: GENETICS
- RESEARCH IN CHEMISTRY OR BIOLOGY: CHE 480 OR BIO 480.

WORKING SCHEDULE

FRESHMAN
 CHE 111-112
 MATH 131-132
 BIO 101-102
 ENG 101-102

SOPHOMORE
 BIO 231
 CHE 223-224
 ENG 211-212

JUNIOR
 BIO 327
 PHY 111-112

OR

FRESHMAN
 CHE 111-112
 MATH 131-132
 ENG 101-102

SOPHOMORE
 CHE 223-224
 ENG 211-212
 BIO 101-102

JUNIOR
 CHE 326-328
 PHY 111-112

WORKING PLAN

Freshman and Sophomore Years

- Course work as shown above.
- Begin involvement in health related volunteer work.
- Join and become active in University Life.

Junior Year

- Course work requirements as outlined above.

- See the Pre-professional Health Advisor at the beginning of the fall semester. You will be given a few forms to fill and which have to be completed by the April 15 deadline.
- Seek recommendations from professors or a person that supervised your work (deadline is April 15).
- Plan for review for professional exam (MCAT).
- For Medicine: Register for the MCAT, **computerized**, complete no later than early summer.
- For Dentistry: register to take the DAT, **computerized**, complete no later than early summer.
- Continue involvement in health related volunteer and/or research work.
- Submit the Pre-Professional Health Committee application by the deadline of April 15 with a list of medical schools (with addresses) and application deadlines you would wish to apply to.
- Obtain service and non-service schools applications and complete by the earliest deadline
- Complete secondary applications in summer and have the Pre-Health Committee letter sent.
- If necessary register in July to retake the MCAT in August.

Senior Year

- Course work requirements as outlined above.
- Update the Pre-professional Health Advisor.
- For Medicine: If necessary register to retake the MCAT.
- For Dentistry: If necessary register to retake the DAT.
- Complete the Pre-professional Health Committee Application by Sept. 1, if not done in the spring.
- Complete applications and send as soon as possible.

PRE-PROFESSIONAL HEALTH ADVISOR AND COMMITTEE:

- Writes a letter of recommendation to health schools
- 5 point ranking based on student's resume, transcripts, essay, recommendations and interview.
- Deadlines: Spring –April 15; Fall-Sept. 1.

YOUR PERSONAL SCHEDULE GUIDE

Complete this form as your guide to follow in meeting the requirements for admission to medical or dental schools. While you have started coursework when you arrive at the university, keep in mind that the application process for professional schools should start 16-18 months prior to your anticipated admission date.

MAJOR: _____ **GRADUATION DATE:** _____

INTENDED DATE OF ADMISSION: _____ **GPA :** _____

REQUIRED COURSES

Required courses	Semester and year	Semester and year
General chemistry and Lab.		
Organic chemistry and Lab.		
Biology and Lab.		
Physics and Lab.		
English (2-semesters even if waived)		
Math (one year recommended)		
Other courses		

Other courses		
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Admissions Test: Consider 17 months before intended admission

Type of Exam	Test Date	Registration deadline
MCAT/DAT		

Preparation for admissions Exam: _____
Sem/year

Pre-Health Committee Letter:
 Spring- deadline April 15: _____
 Fall- deadline Sept. 1: _____

References: Minimum of 3 and maximum of 5: mostly academic-at least two in the sciences.

NAME	DEPARTMENT/AFFILIATION	DATE REQUESTED
1.		
2.		
3.		
4.		
5.		

HEALTH RELATED EXPERIENCE- VOLUNTEER WORK AND RESEARCH

FRESHMAN		
SOPHOMORE		
JUNIOR		
SENIOR		

OBTAIN APPLICATIONS ONLINE

MEDICAL SCHOOL: <http://www.aamc.org> – 16 months prior to intended admission date:
 April/yr ____

DENTAL SCHOOL: <http://www.adea.org> -14 months prior to intended admission date:
 June/yr _____

<p>Centralized Application Services American Medical College Application Service:</p>	<p>AMCAS</p> <p>Section for Student Services Association of American Medical Colleges 2450 N Street, N.W. Washington, D.C. 20037-1123 (202) 828-0950 E-mail: AMCAS@aamc.org</p>
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American Association of Colleges of Osteopathic Medicine Application Service:	http://www.aamc.org AACOMAS 5550 Friendship Blvd., Suite 310 Chevy Chase, MD 20815-7231 (301) 968-4190 http://www.aacom.org
American Association of Dental Schools Application Service:	AADSAS 1400 K Street NW, Suite 1100 Washington, D.C. 20005 (202) 289-8123 or 8--353-2237 http://www.adea.org/AADSAS

PRE-HEALTH ADVISING: ONE PACE PLAZA, W314. E-mail: rkabbani@pace.edu

A.2 TO PACE STUDENTS PREPARING FOR A CAREER IN VETERINARY MEDICINE

Students interested in a career in **VETRINARY MEDICINE** must build a dossier of academic and non-academic achievements based on the following

1. Undergraduate Major, GPA	2. Prerequisite Courses
3. Pre-Health Committee Letter	4. Admissions Test
5. Animal Care Experience or Volunteer Work	6. Research

INFROMATION ABOUT THE PROFESSION

VETRINARY MEDICINE: *While a Bachelor's degree in not required for admission at all schools, many schools prefer it. In addition to the prerequisite courses outlined below, various schools may require additional courses. The admissions test to these schools varies. Some require the Graduate Record Exam (GRE), or Veterinary College Admissions Test (VCAT) or the Medical College Admissions Test (MCAT). It is important to check the prerequisite courses and test requirements of any school to which you are applying. Volunteer work is very important, and some schools specify the minimum number of hours required for application. Competition is very strong. Grades and test scores requirements vary among colleges. Cornell's admitted class had an average GPA of 3.5 and GRE verbal and quantitative scores of 1330, and over 1000 hours of animal care experience.*

A career in veterinary medicine requires four years at a veterinary college and subsequent licensing. There are 27 colleges of veterinary medicine in the United States. The American Association of Veterinary Medical Colleges (AAVMC) provides information and a central application service, the VMCAS. Not all schools utilize the VMCAS, and the student should check the authoritative guide, Veterinary Medical School Admission Requirements in the United States and Canada. The AAVMC website is www.aavmc.org. There is one veterinary medicine college in New York at Cornell University, which is publicly assisted.

Most colleges are publicly supported and have strict policies on out of state admissions. Cornell has residents' preference policy. Most colleges would consider students without a bachelor's degree, although the majority admitted have completed their degrees. Some programs admit students with as few as sixty credits if other criteria are met. The interested student should research these requirements early and thoroughly.

COURSE REQUIREMENTS

Requirements include one year of each of General Chemistry, Organic Chemistry, General Biology, General Physics with one year of laboratory for each. One year of English is required and one year of math is recommended. Twenty four schools require biochemistry

GENERAL CHEMISTRY	CHE 111-112	9 CREDITS
ORGANIC CHEMISTRY	CHE 223-224	10 CREDITS
GENERAL BIOLOGY	BIO 101-102	8 CREDITS
GENERAL PHYSICS	PHY 111-112	8 CREDITS
ENGLISH	ENG 101-102 if waived take 3-6 credits of English Lit (211-212)	8 CREDITS
MATHEMATICS (recommended)	MAT 131-132 or 131-134	8 CREDITS
BIOCHEMISTRY (I)	BIO 327 OR CHE 326	4 CREDITS
Microbiology	BIO 264	4 CREDITS

All the above courses in chemistry, biology, physics and biochemistry have a laboratory requirement. All required courses should be taken for a grade. Each school has its own policy about AP credit. Usually, AP credit in this area should be followed with additional upper level work in the discipline including labs. AP credit in math is the only subject in which more advanced work is not required.

Additional Courses

Most veterinary schools have additional requirements such as genetics, microbiology math and or nutrition. To further strengthen your application you may take the following additional courses if your course schedule allows for it.

CHE 328: ADVANCED BIOCHEMISTRY: 3 CREDITS
BIO 236: COMPARATIVE VERTEBRATE ANATOMY
BIO 231: GENETICS
RESEARCH IN CHEMISTRY OR BIOLOGY: CHE 480 OR BIO 480.

WORKING SCHEDULE

FRESHMAN

CHE 111-112
MATH 131-132or 134or 234
BIO 101-102
ENG 101-102

OR

FRESHMAN

CHE 111-112
MATH 131-132
ENG 101-102

SOPHOMORE

BIO 231
CHE 223-224
ENG 211-212*
PHY 111-112

SOPHOMORE

CHE 223-224
ENG 211-212*
BIO 101-102

JUNIOR

BIO 327
BIO-micro

JUNIOR

CHE 326
PHY 111-112
BIO-micro

Additional requirements for Biochemistry, Microbiology, or Genetics can be completed in the Senior Year.

*If ENG 101-102 are waived the student has to take ENG 211-212

PRE-PROFESSIONAL HEALTH ADVISOR AND COMMITTEE: <http://>

- Writes a letter of recommendation to health schools
- 5 point ranking based on student's resume, transcripts, essay, recommendations and interview.
- Deadlines: Spring –April 15; Fall-Sept. 1.

WORKING PLAN

Freshman and Sophomore Years

- Course work as outlined above.
- Begin involvement in animal related experience or volunteer work.
- Join and become active in University Life.

Junior Year

- Course work requirements as outlined above.
- See the Pre-professional Health Advisor at the beginning of the fall semester. You will be given a few forms to fill and be completed by the April 15 deadline.
- Seek recommendations from professors or a person that supervised your work (deadline is April 15).
- Plan for review for professional exam (GRE, VCAT, or MCAT).
- Take MCAT, GRE or VCAT.
- Continue involvement in animal related volunteer and/or research work.
- Submit the Pre-Professional Health Committee application by the deadline of April 15 with a list of veterinary schools (with addresses) to wish you would like to apply.

Senior Year

- Course work requirements. Take Biochemistry and any additional required courses.
- Update the Pre-professional Health Advisor.

- Pay careful attention to all deadlines for each school.
- GRE or MCAT or VCAT might be retaken if needed.
- Complete the Pre-professional Health Committee Application by Sept. 1, if not done in the spring.
- Obtain service and non-service applications, October 1 is the VMCAS deadline. Complete secondary applications by deadline and send as soon as possible. If necessary obtain pre-professional recommendation letter by July and complete by September 1.

YOUR PERSONAL SCHEDULE GUIDE

Complete this form as your guide to follow in meeting the requirements for admission to medical or dental schools. Keep in mind that the application process should start 16 months prior to you anticipated admission date.

MAJOR: _____ **GRADUATION DATE:** _____
INTENDED DATE OF ADMISSION: _____ **GPA :** _____

REQUIRED COURSES

Required courses	Semester and year	Semester and year
General chemistry and Lab.		
Organic chemistry and Lab.		
Biology and Lab.		
Physics and Lab.		
English (2-semesters even if 101-102 is waived)		
Math (one year recommended)		
Biochemistry		
Other courses		

Admissions Test: Consider 17 months before intended admission

Type of Exam	Test Date	Registration deadline
MCAT/GRE/VCAT		

Preparation for admissions Exam: _____
Sem/year

Pre-Health Committee Letter:

Spring- deadline April 15: _____

Fall- deadline Sept. 1: _____

References: Minimum of 3 and maximum of 5: mostly academic-at least two in the sciences.

NAME	DEPARTMENT/AFFILIATION	DATE REQUESTED
1.		
2.		
3.		
4.		
5.		

ANIMAL CARE RELATED EXPERIENCE- VOLUNTEER WORK AND RESEARCH

FRESHMAN		
SOPHOMORE		
JUNIOR		
SENIOR		

OBTAIN APPLICATIONS ON-LINE

<http://www.aavmc.org> – 14 months prior to intended admission date: July/yr ___

PRE-HEALTH ADVISING: ONE PACE PLAZA, W325. E-mail: rparks2@pace.edu

**TO PACE STUDENTS PREPARING FOR A CAREER IN
OPTOMETRY, PODIATRY OR CHIROPRACTIC MEDICINE**

Students interested in a career in optometry, podiatry or chiropractic should start preparing their dossier early on in order to build a record of accomplishments. Your record should include the following:

1. Undergraduate Major, GPA
2. Prerequisite Courses
3. References & Pre-health Committee Letter
4. Admission Test (OAT or MCAT)
5. Health Related Experience, Volunteer work
6. Research or Internships
7. Hobbies and other interests
8. Letter of Recommendation from a Chiropractic Doctor.

INFORMATION ABOUT THESE PROFESSIONS

Podiatry Schools: This branch concentrates on the diseases, injuries or disorders of the foot and ankle as its primary focus. Applicants complete requirements similar to medical school. Recently admitted students have a GPA of 3.1 with an MCAT average score of 21. There are seven schools of podiatry, six of which belong to the American Association of Colleges of Podiatric Medicine (AACPM). The member schools participate in a centralized application service sponsored by AACPM. Information can be obtained from AACPM, 15850 Crabbs Branch Way, Suite 320, Rockville, MD 20855. Their website is: <http://www.aacpm.org>. All schools are private and the one non-member school is the NY College of Podiatric Medicine located at 1800 Park Avenue, NY, NY 10035.

Optometry Schools: Doctors of Optometry are independent primary health care providers who specialize in the examination, diagnosis, and treatment and management of diseases and disorders of the eye. Training requires four years at a professional school of optometry preceded by a bachelor's degree or at least 90 credits of undergraduate education. Required courses include psychology, statistics, microbiology, or additional courses. The required admissions test is the Optometry Admissions Test (OAT). For recently admitted students the average GPA is 3.37 and the OAT scores average 330. For information you can contact the Association of Schools and Colleges of Optometry, 6110 Executive Blvd., Suite 690, Rockville, MD 20852. Their website is: <http://www.opted.org>. There are 17 schools of optometry in the US and one located in New York State, the SUNY College of Optometry, which is public and located in New York City.

Chiropractic Schools: Chiropractic is a branch of the healing art that focuses on the enhancement and restoration of the health which depends upon a normally functioning nervous system. Improper nerve supply to body organs or tissues is thought to be the cause of many diseases. It involves examining the spine and other parts of the body to determine if certain areas in the spine are not functioning properly. Four years of graduate work is required in nationally accredited chiropractic colleges to earn a DC degree, Doctor of Chiropractic. No admissions test is required, but a letter of recommendation from a Doctor in Chiropractic is often required. The average GPA for admitted students ranges from 2.5 to 4.0. For information contact the American Chiropractic Association, 1701 Clarendon Blvd., Arlington, VA 22209. Phone (800) 986-4636 or (703) 276-8800. Fax (703) 243-2593. Their website is: <http://www.amerchiro.org>. There are 16 colleges of chiropractic in the US that are accredited; all are private. One is located in New York State, the New York Chiropractic College, Seneca Falls, <http://www.nycc.edu>. Information regarding accreditation and the colleges can be obtained from the Council on Chiropractic Education, 8049 North 85th Way, Scottsdale, AZ 85258-4312, (480) 443-8877. Their website is <http://www.cce-usa.org/>.

GENERAL REQUIRMENTS

1. Podiatry: at least 90 college credits or a bachelors degree, prerequisite courses, MCAT or GRE admissions test, pre-health committee letter of reference, and health related experience.

- Optometry: at least 90 college credits or a bachelors degree, prerequisite courses, OAT admissions test, pre-health committee letter of reference, and health related experience.
- Chiropractic: at least 90 college credits or a bachelors degree, prerequisite courses, letter from a Doctor of Chiropractic, pre-health committee letter of reference, and health related experience.

COURSE REQUIREMENTS

Requirements include one year of each of General Chemistry, Organic Chemistry, General Biology, General Physics, Math and English. A course or two in Biochemistry are not required but are greatly recommended for those going into the medical professions. Below you will find a list of courses to take in order to meet the requirements:

GENERAL CHEMISTRY	CHE 111-112	9 CREDITS
ORGANIC CHEMISTRY	CHE 223-224	10 CREDITS
GENERAL BIOLOGY	BIO 101-102	8 CREDITS
GENERAL PHYSICS	PHY 111-112	8 CREDITS
ENGLISH	ENG 101-102	8 CREDITS
MATHEMATICS*	MAT 131-132	8 CREDITS

Check with individual schools for additional requirements.

Optometry schools often require psychology, statistics, microbiology, biochemistry, physiology and anatomy.

Chiropractic schools often require psychology, social sciences or humanities courses.

WORKING SCHEDULE

FRESHMAN

CHE 111-112
MATH 131-134 or 234
BIO 101-102
ENG 101-102

OR

FRESHMAN

CHE 111-112
MATH 131-134 or 234
ENG 101-102

SOPHOMORE

BIO 231
CHE 223-224
ENG 211-212 if needed
PHY 111-112

SOPHOMORE

CHE 223-224
ENG 211-212 if needed
BIO 101-102

JUNIOR

BIO 327
Physiology
Microbiology

JUNIOR

CHE 326
PHY 111-112
Microbiology

Other required or recommended courses can be covered during the senior year.

PRE-PROFESSIONAL HEALTH ADVISOR AND COMMITTEE: <http://>

- Writes a letter of recommendation to health schools
- 5 point ranking based on student's resume, transcripts, essay, recommendations and interview.
- Deadlines: Spring –April 15; Fall-Sept. 1.

WORKING PLAN

Freshman and Sophomore Years

- Course work as shown above.
- Begin involvement in health related volunteer work.
- Join and become active in University Life.

Junior Year

- Course work requirements as outlined above.
- See the Pre-professional Health Advisor at the beginning of the fall semester. You will be given a few forms to fill and which have to be completed by the April 15 deadline.
- Seek recommendations from professors or a person that supervised your work (deadline is April 15).
- Plan for review for professional exam (GRE, MCAT or OAT).
- Continue involvement in health related volunteer and/or research work.
- Submit the Pre-Professional Health Committee application by the deadline of April 15 with a list of medical schools (with addresses) you would wish to apply to.
- Obtain schools applications and complete by the earliest deadline
- Complete secondary applications in summer and have the Pre-Health Committee letter sent.
- If necessary register to retake the MCAT in summer.

Senior Year

- Course work requirements as outlined above.
- Update the Pre-professional Health Advisor.
- If necessary register in July to retake the MCAT in August.
- If necessary register to retake the OAT.
- Complete the Pre-professional Health Committee Application by Sept. 1, if not done in the spring.
- Complete applications and send as soon as possible.

YOUR PERSONAL SCHEDULE GUIDE

Complete this form as your guide to follow in meeting the requirements for admission to medical or dental schools. Keep in mind that the application process should start 16 months prior to you anticipated admission date.

MAJOR: _____ **GRADUATION DATE:** _____
INTENDED DATE OF ADMISSION: _____ **GPA :** _____

REQUIRED COURSES

Required courses	Semester and year	Semester and year
General chemistry and Lab.		
Organic chemistry and Lab.		
Biology and Lab.		
Physics and Lab.		
English (2-semesters even if waived)		
Math (one year recommended)		
Other courses		
Other courses		

Admissions Test: Consider 16 months before intended admission

Type of Exam	Test Date	Registration deadline
MCAT/OAT/GRE		

Preparation for admissions Exam: _____
Sem/year

Pre-Health Committee Letter:

Spring- deadline April 15: _____

Fall- deadline Sept. 1: _____

References: Minimum of 3 and maximum of 5: mostly academic-at least two in the sciences.

NAME	DEPARTMENT/AFFILIATION	DATE REQUESTED
1.		
2.		
3.		
4.		
5.		

HEALTH RELATED EXPERIENCE- VOLUNTEER WORK AND RESEARCH

FRESHMAN		
SOPHOMORE		
JUNIOR		
SENIOR		

Obtain applications 12-16 months prior to intended admissions date: Month/Yr. _____

YOUR PERSONAL SCHEDULE GUIDE

Complete this form as your guide to follow in meeting the requirements for admission to medical or dental schools. Keep in mind that the application process should start 16 months prior to you anticipated admission date.

MAJOR: _____ **GRADUATION DATE:** _____
INTENDED DATE OF ADMISSION: _____ **GPA :** _____

REQUIRED COURSES

Required courses	Semester and year	Semester and year
General chemistry and Lab.		
Organic chemistry and Lab.		
Biology and Lab.		
Physics and Lab.		
English (2-semesters even if waived)		
Math (one year recommended)		
Other courses		
Other courses		

Admissions Test: Consider 17 months before intended admission

Type of Exam	Test Date	Registration deadline
MCAT/DAT		

Preparation for admissions Exam: _____
Sem/year

Pre-Health Committee Letter:

Spring- deadline April 15: _____

Fall- deadline Sept. 1: _____

References: Minimum of 3 and maximum of 5: mostly academic-at least two in the sciences.

NAME	DEPARTMENT/AFFILIATION	DATE REQUESTED
1.		
2.		
3.		
4.		
5.		

HEALTH RELATED EXPERIENCE- VOLUNTEER WORK AND RESEARCH

FRESHMAN		
SOPHOMORE		
JUNIOR		
SENIOR		

Websites:

Optometry: www.opted.org

Chiropractic: www.nycc.edu
www.amerchiro.org

Podiatry: www.aacpm.org

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Optometry
BACHELOR OF SCIENCE/DOCTOR OF OPTOMETRY
PACE UNIVERSITY/STATE UNIVERSITY OF NEW YORK STATE COLLEGE OF OPTOMETRY

This program consists of three years of study at Pace (108 credits) and four additional years of study at the State University of New York's State College of Optometry in Manhattan. Students who complete the program receive a Bachelor of Science degree from Pace and a Doctor of Optometry from S.U.N.Y.

Admission Requirements:

Candidates for admission to combined undergraduate/graduate degree programs must satisfy separate admission requirements for both the undergraduate and graduate parts of the program. Admission to the undergraduate part of the program does not guarantee admission to the graduate part of the program.

SUGGESTED UNDERGRADUATE MAJOR PROGRAMS:

Biochemistry or Biology. For more information, consult the pre-professional advisor in the departments of Biological Sciences or Chemistry and Physical Sciences.

PREREQUISITES FOR OPTOMETRY PROGRAM AT SUNY:

The following courses must be successfully completed with an above average GPA.

These are minimum prerequisites, as students must complete all requirements for the biology or biochemistry major, as indicated on the appropriate major worksheet.

C. Prerequisites – Minimum	CREDITS
Biology (BIO 101-102)	8 credits
Chemistry (CHE 111-112)	9 credits
Physics (PHY 111-112)	8 credits
Organic Chemistry (CHE 223-224)	10 credits
Calculus (MAT 131)	4 credits
English Composition & Literature (LIT 211-212)	6 credits
General Psychology (PSY 104)	3 credits
Statistics (MAT 134)	3 credits
Recommended: Biochemistry (BIO 327/CHE 326); Microbiology (BIO 264)	8 credits

ADMISSION REQUIREMENTS OF S.U.N.Y. STATE COLLEGE OF OPTOMETRY:

To be eligible to enter this program the following criteria must be met:

- Overall grade point average (3.2 or greater)
- Cum grade point average in the math and science prerequisites (3.2 or greater with no grade below C).
- In addition, all applicants are required to take the Optometry Admission Test (OAT) and score at least 320 in science.

- Obtain a positive recommendation from the pre-health professional committee of your undergraduate college.
- Complete all SUNY Optometry Admission requirements.
- Submit all other application material to SUNY Optometry in your junior year.

For information regarding the test schedule and locations, please contact:

Optometry Admissions Testing Program

211 East Chicago Avenue

Chicago, IL 60611

800-232-2159

http://www.opted.org/info_oat.cfm

State College of Optometry, State University of NY: www.sunyopt.edu

Email: ADMISSIONS@SUNYOPT.EDU

Association of Schools and Colleges of Optometry (ASCO) website: www.opted.edu

Occupational Therapy

BACHELOR OF ARTS OR BACHELOR OF SCIENCE/MASTER OF SCIENCE PACE UNIVERSITY/COLUMBIA UNIVERSITY, COLLEGE OF PHYSICIANS AND SURGEONS

This program consists of three years of study at Pace and two additional years of study at Columbia University's College of Physicians and Surgeons. Students who complete the program receive a Bachelor of Arts (Psychology major, or Applied Psychology and Human Relations) or Bachelor of Science (Biology major) degree from Pace, as appropriate, and a Master of Science degree in occupational therapy from Columbia.

Admission Requirements:

Candidates for admission to combined undergraduate/graduate degree programs must satisfy separate admission requirements for both the undergraduate and graduate parts of the program. Admission to the undergraduate part of the program does not guarantee admission to the graduate part of the program. For admission to the graduate program, students must have prior knowledge of, or experience in, occupational therapy through observation, work, or volunteer experience.

SUGGESTED UNDERGRADUATE MAJOR PROGRAMS:

Biology, Psychology or Applied Psychology and Human Relations. For further information please consult the pre-professional advisor in the Departments of Biological Sciences or Psychology, as appropriate.

PREREQUISITES FOR GRADUATE PROGRAM IN OCCUPATIONAL THERAPY:

Minimum prerequisites to be met during the three years of undergraduate study for the professional occupational therapy program are indicated below. Students must also complete all requirements for the biology, psychology, or applied psychology and human relation major, as indicated on the appropriate major worksheet.

1. Prerequisites-Minimum	CREDITS
Biology (BIO 101, 102, 152, 153) Physics (PHY 111-112)	Minimum 24 Credits
Psychology (Four courses, including PSY 275)	12 credits
Social Sciences (ANT 101, SOC 102)	6 credits
English Composition (LIT 211-212)	6 credits
Introductory Statistics (MAT 134)	3 credits
Humanities (literature, history or philosophy)	3 credits

.American Occupational Therapy Association: <http://www.aota.org>

Physical Therapy
BACHELOR OF SCIENCE/MASTER OF SCIENCE
PACE UNIVERSITY/NEW YORK MEDICAL COLLEGE

This program consists of three years of study at Pace (106 credits) and two additional years of study at New York Medical College in Valhalla (Westchester County), N.Y. Students who complete the program receive a Bachelor of Science degree from Pace and the Master of Science degree from New York Medical College.

Admission Requirements:

Candidates for admission to combined undergraduate/graduate degree programs must satisfy separate admission requirements for both the undergraduate and graduate parts of the program. Admission to the undergraduate part of the program does not guarantee admission to the graduate part of the program.

SUGGESTED UNDERGRADUATE MAJOR PROGRAMS:

Biochemistry, Biology or Chemistry. For more information, consult the pre-professional advisor in the Departments of Biological Sciences or Chemistry and Physical Sciences.

PREREQUISITES FOR GRADUATE PROGRAM IN PHYSICAL THERAPY:

Minimum prerequisites to be met during the three years of undergraduate

study for the physical therapy program are indicated below. Students must also complete all requirements for the biochemistry, biology, or chemistry major, as indicated in the appropriate major worksheet.

1. Prerequisites-Minimum	CREDITS
Biology (preferably vertebrate biology)	3 credits
Chemistry (CHE 111, 112, 223, 224)	19 credits
Psychology (PSY 104, 275, 320)	9 credits
English (ENG 101, 102)	8 credits
Physics (PHY 111, 112)	8 credits
Mathematics (MAT 131)	4 credits
Statistics (MAT 134)	3 credits

Admission Requirements for Graduate Program in Physical Therapy:

- Onsite volunteer/observation experience in a physical therapy setting: 50 hours, of which 20 hours must be in an acute care/hospital environment.
- Computer literacy, tested by New York Medical College. May be attained at New York Medical College through a self-study program. Necessary knowledge includes word processing, tables and charts, spreadsheets, and numerical calculations.
- Undergraduate GPA of 3.0 or higher with no prerequisite course grade of C- or lower.

American Physical Therapy Association: <http://www.apta.org>

Podiatry
BACHELOR OF SCIENCE/DOCTOR OF PODIATRIC MEDICINE
PACE UNIVERSITY/NEW YORK COLLEGE OF PODIATRIC MEDICINE

This program consists of three years of study at Pace (108 credits) and four additional years of study at the New York College of Podiatric Medicine, Pre-Podiatric Program. Students who complete the program receive a Bachelor of Science degree from Pace and a Doctor of Podiatric Medicine from the New York College of Podiatric Medicine.

Admission Requirements:

Candidates for admission to combined undergraduate/graduate degree programs must satisfy separate admission requirements for both the undergraduate and graduate parts of the program. Admission to the undergraduate part of the program does not guarantee admission to the graduate part of the program.

SUGGESTED UNDERGRADUATE MAJOR PROGRAMS:

Biochemistry, Biology or Chemistry. For more information, consult the pre-professional advisor in the Departments of Biological Sciences or Chemistry and Physical Sciences.

PREREQUISITES FOR GRADUATE PROGRAM IN PODIATRY:

Minimum prerequisites to be met during the three years of undergraduate study for the professional podiatric medicine program are indicated below. Students must also complete all requirements for the biology, biochemistry or chemistry major, as indicated on the appropriate major worksheet.

ADMISSION REQUIREMENTS OF NEW YORK COLLEGE OF PODIATRIC MEDICINE:

- A timely and satisfactory formal application
- Three letters of evaluation of an acceptable level of endorsement
- Official MCAT scores at least equal to NYCPM's current minimum

2. Prerequisites-Minimum	CREDITS
Biology (BI 101-102)	8 credits
General Chemistry (CHE 111-112)	9 credits
Organic Chemistry (CHE 223-224)	10 credits
Physics (PHY 111-112)	8 credits
English (ENG 101-102)	8 credits

- A satisfactory evaluation in a personal interview
- Students must have maintained a 3.00 grade point average (on a 4.00 scale) in all of their undergraduate course work.

American Association of Colleges of Podiatric Medicine: <http://www.aacpm.org>,
 And www.AACPMAS.org.

World Wide Websites for Pre-Health Students

Allopathic Medicine: <http://www.aamc.org>;

<http://www.aamc.org/audienceamcas.htm> (Services)

Osteopathic Medicine: <http://www.aacom.org>; <https://aacomas.aacom.org/> (Services)

Chiropractic Medicine: <http://www.aacpm.org>

Dentistry: <http://www.adea.org>; www.aadsas.edu (Services)

Occupational Therapy: <http://www.aota.org>

Optometry: <http://www.opted.org>

Pharmacy: <http://www.aacp.org>

Physician Assistant: <http://www.aapa.org>

Physical Therapy: <http://www.apta.org>

Podiatric Medicine: <http://www.aacpm.org>; <http://www.e-aacpmas.org/> (Services)

Veterinary Medicine: <http://www.aavmc.org>

D. FINANCIAL PLANNING: Financial Aid Websites

Address	Agency	Topic
www.finaid.org	The smart guide to financial aid.	Information on federal programs and loan repayment
www.ed.gov	U.S. Department of Education	Financial programs offered by the department.
www.hrsa.gov	Dept. of Health and Human Services	Information on financial aid and loan repayment
www.goarmy.com	U.S. Army	Career opportunities, scholarships and loans.
www.navy.com	U.S. Navy	Career opportunities, scholarships and loans.
www.airforce.com	U.S. Air Force	Career opportunities, scholarships and loans.
www.nih.gov	National Institute of Health	Loan repayment programs
www.irs.gov (click on Health)	Internal Revenue Service	Tax credits and education related savings plans.
www.aamc.org	Association of American Medical Colleges	Financial Planning
www.ada.org	American dental Association	Financial Planning
www.accessgroup.org	Access Group	Lender site
www.usagroup.com	USA Group	Lender site
www.salliemae.com	Sallie Mae	Lender site