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Welcome to New York Chiropractic College! Careers in integrative healthcare professions continue to gain momentum as consumers embrace healthy lifestyles and seek more natural therapies. We at New York Chiropractic College are committed to helping you achieve your educational and professional goals.

Our academic programs and first-rate curricula prepare graduates for entry into many different professional settings. Degree offerings include the Doctor of Chiropractic degree, Master of Science degree in Acupuncture, Master of Science degree in Acupuncture and Oriental Medicine, Master of Science degree in Applied Clinical Nutrition, Master of Science degree in Clinical Anatomy and Master of Science degree in Diagnostic Imaging. In addition, we offer a Bachelor of Professional Studies degree with a major in Life Sciences.

NYCC’s programs are taught by faculty members who are committed to help you achieve your dreams, and whose quality instruction provides diverse educational opportunities that ultimately lead to satisfying careers in traditional solo practices, integrative healthcare systems, healthcare administration and highly regarded research centers. Students can totally immerse themselves through participation in internships at prestigious private and military hospitals, academic healthcare facilities, and through ongoing scholarship and clinical research, comprehensive coursework, and a broad range of student activities.

Located in the picturesque Finger Lakes region of New York, the campus’ 286 acres of lush, rolling grounds lie within an easy commute to major cities offering an abundance of recreational activities and the perfect atmosphere for learning.

On behalf of the administration, faculty, and staff, I welcome you to NYCC and wish you a rich and fulfilling academic experience.

Unleash your potential at New York Chiropractic College!

Frank J. Nicchi, MS, DC
NYCC President
Preface

This Catalog and Student Guide provides a description of the programs, policies, faculty and staff of New York Chiropractic College. While information is current at the time of publication, it is subject to change without prior notice. This dated edition replaces and supersedes all prior editions. Please visit our Web sites at www.nycc.edu and aom.nycc.edu.

New York Chiropractic College offers equal educational opportunity to all persons without regard to age, race, color, gender, handicap or disability, Disabled Veteran or Vietnam Veteran status, national origin, religion, sexual orientation, or marital status. This policy applies to all matters, including admission and education of students, availability of student loans, grants, scholarships, employment and promotion of teaching and nonteaching personnel, and activities conducted on premises owned or occupied by the College. Married-student housing accommodations are provided in accordance with New York State’s statutory recognition of marriage relationships.

Behavior exhibited by faculty, staff and students must reflect respect for each individual’s rights and dignity as a human being. Harassment is contrary to the College’s philosophy and is prohibited by federal and state laws. The College neither condones nor permits any type of harassment that is severe, pervasive, and/or creates a hostile environment that interferes with an employee’s work or a student’s opportunity to learn.

Actions of harassment include, but are not limited to, vulgar or derogatory language or other conduct creating a hostile environment, and threatening language or actions directed against a person because of non-job-related issues such as physical characteristics or sexual orientation. Other types of illegal, discriminatory actions that cause harm to a person – especially with respect to matters such as employment, financial aid, academic or professional performance and/or advancement – will not be tolerated.

All instances of harassment must be reported to the appropriate supervisory person or the office of Human Resources. Such complaints will be fully investigated by officers of the College, or their designees, to achieve an equitable and satisfactory resolution.

The College’s Equal Opportunity Officer coordinates all of the College’s compliance efforts under Title IX of the Education Amendments of 1972 (regarding sex discrimination), Section 504 of the Rehabilitation Act of 1973 (regarding disability discrimination), the Age Discrimination Act of 1975 (regarding age discrimination), and other applicable federal and state nondiscrimination legislation. The Equal Opportunity Officer’s office is in Room 205 of the Administration Building. The telephone number is 315-568-3105.

It is the student’s responsibility to become familiar with and follow all regulations of the College. This Catalog and Student Guide as well as posted notices are used to inform people of campus governance.
History of New York Chiropractic College

New York Chiropractic College (NYCC) was founded in 1919 as the Columbia Institute of Chiropractic by Dr. Frank Dean, who served as the institution’s first president for nearly 40 years. Located in New York City, the College grew through mergers with Columbia College of Chiropractic and Atlantic States Chiropractic Institute during the 1950s.

In 1959 Dr. Ernest Napolitano was named President. Under his leadership and through his skills as an author, educator, and lecturer, NYCC achieved national prominence. In 1979 the College was granted an Absolute Charter by the New York State Board of Regents and received professional accreditation of its Doctor of Chiropractic (DC) degree program from the Council on Chiropractic Education.

In 1985 NYCC was awarded regional accreditation by the Middle States Association of Colleges and Schools. In addition, during the early 1980s the College moved from New York City to Long Island, opening a 50-acre campus in Old Brookville, and clinics in Greenvale and Levittown.

Upon his death in 1985, Dr. Napolitano was succeeded by Dr. Neil Stern, who was Acting President from 1985 to 1987, and then by Dr. Keith Asplin, who served as President from 1987 through 1989. Constrained in its efforts to expand the College on Long Island, the Board of Trustees approved the acquisition of the former Eisenhower College campus in Seneca Falls, New York, in early 1989. This was followed by the Board’s appointment of Dr. Kenneth Padgett as President later that year. Dr. Padgett’s motto, “Tradition in Transition,” led to NYCC’s greatest period of facility and technological upgrades during the 1990s.

In 1991, the College opened the Seneca Falls campus, 300 miles from its former location. The new campus, in the Finger Lakes region of central New York State, was a 286-acre site on which were existing academic, administrative, library, athletic center, and residence hall facilities. The hiring of many new faculty and renovations to the facility transformed a former liberal arts college into one of the profession’s leading chiropractic educational institutions, in terms of program quality and the physical resources to support that quality. The year 1991 also saw the opening of a new chiropractic health center in Syracuse, New York, and the closing of the Greenvale Clinic.

Expansion of NYCC’s educational facilities has been ongoing since the relocation of the College to Seneca Falls. The Ernest G. Napolitano Postgraduate Center opened in 1992. This 5,000 square-foot annex adjoins the Levittown Chiropractic Health Center, and provides a home for the College’s active postgraduate and continuing education programs. In 1994, NYCC’s third chiropractic health center was opened in western New York, near Buffalo, and a new 9,300 square-foot academic building was constructed on the Seneca Falls campus to provide additional classroom and laboratory space. Today, this building serves as a research and video teleconferencing center.

A new 38,000 square-foot academic building was completed on the Seneca Falls campus in 1998. This facility contains lecture halls equipped with advanced instructional technology, as well as faculty offices, and faculty and student lounges. In 1999, the College dedicated its new 17,200 square-foot Depew Chiropractic Health Center in the Buffalo area.

In 2000, Dr. Frank Nicchi, a 1978 alumnus and longtime faculty member, was appointed President of the College, succeeding Dr. Padgett.
In 2003, the Seneca Falls Health Center, a 19,400 square-foot multidisciplinary, integrated healthcare facility, was opened to the public. At the same time, the former health center on the Seneca Falls campus was designated as the Campus Health Center to serve as an internship site where student interns meet the healthcare needs of the campus community of students, staff, and faculty, and low-income community members. The Syracuse Chiropractic Health Center was closed in 2003. The Absolute Charter from the Board of Regents, which had been amended in 1989 to permit NYCC’s move from Long Island to Seneca Falls, was amended again in 2002 to allow the College to offer new degrees in addition to the DC degree: the Bachelor of Professional Studies (BPS) and Master of Science (MS) degrees. Two new master’s degree programs – Acupuncture (MSA) and Acupuncture & Oriental Medicine (MSAOM) – were approved by the New York State Education Department and, together with the BPS degree, were offered for the first time in September 2003. A Master of Science in Diagnostic Imaging degree was added in October 2003, a Master of Science in Applied Clinical Nutrition was approved for enrollment in the Fall of 2006, and a Master of Science in Clinical Anatomy was approved for enrollment in the Fall of 2007.

NYCC students currently benefit from state-of-the-art technology and equipment with respect to classroom environments; basic-science, diagnosis, and technique laboratories; and X-ray, clinical, and research facilities at the Seneca Falls campus. Moreover, the College’s modern health centers in Depew, Long Island, and Seneca Falls – along with several Veterans Hospitals in central New York and along the Eastern seaboard; satellite chiropractic clinical operations at the U.S. Naval Hospital in Bethesda, Md.; Monroe Community Hospital in Rochester, N.Y.; multiple medical centers at State University of New York schools; and several other sites – provide student interns with experiences at the finest clinical facilities available in chiropractic and acupuncture education. Video teleconferencing offers real-time, interactive communication and instructional linkages between all of NYCC’s education sites.
**Mission Statement**

New York Chiropractic College is committed to the achievement of academic excellence, quality patient care, and professional leadership.

**Values**

*We value…*

- The core principles of all our natural health care programs.

- Our heritage as a chiropractic educational institution.

- The development of academic offerings that complement and enhance our existing programs.

- Training future health care professionals who will become successful in diverse careers.

- The quest for excellence and the development and utilization of best practices in lifelong learning, integrative health care, scholarship, and the exploration of new knowledge.

- Honesty, accountability, and fiscal responsibility.

- Diversity, inclusiveness, and tolerance in all interactions.

- An environment that balances knowledge, authority and responsibility.

- Cultivating nurturing relationships with all our stakeholders.

**Vision**

NYCC will be recognized as the leading institution for the education of complementary, integrative and natural health care professionals.
General Information

New York Chiropractic College offers the following degree programs. Enrollment in other than registered or otherwise approved programs may jeopardize a student’s eligibility for certain student aid awards.

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Program Name</th>
<th>Program Name</th>
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</thead>
<tbody>
<tr>
<td>DC</td>
<td>Doctor of Chiropractic</td>
<td>MSA</td>
</tr>
<tr>
<td>MSA</td>
<td>Master of Science in Acupuncture</td>
<td>MSAOM</td>
</tr>
<tr>
<td>MSAOM</td>
<td>Master of Science in Acupuncture and Oriental Medicine</td>
<td>MSACN</td>
</tr>
<tr>
<td>MSACN</td>
<td>Master of Science in Applied Clinical Nutrition</td>
<td>BPS</td>
</tr>
<tr>
<td>BPS</td>
<td>Bachelor of Professional Studies with a major in Life Science</td>
<td>(Note: this program is only available to NYCC students enrolled in the DC, MSA, or MSAOM programs)</td>
</tr>
<tr>
<td>MSDI</td>
<td>Master of Science in Diagnostic Imaging</td>
<td>MSCA</td>
</tr>
<tr>
<td>MSCA</td>
<td>Master of Science in Clinical Anatomy</td>
<td></td>
</tr>
</tbody>
</table>

Information pertaining to all NYCC degree programs is presented in the first sections of this document, while the information that is specific for each program is presented in the individual program sections.

**ACADEMIC PROGRAM PURPOSE STATEMENTS**

**Doctor of Chiropractic Program (DC)**

New York Chiropractic College’s Doctor of Chiropractic program carries out its mission, vision, and values, in part, through its preparation of doctors of chiropractic who are capable of serving as primary care physicians. In their roles as portal-of-entry healthcare practitioners, doctors of chiropractic perform patient management and conduct diagnoses, giving special emphasis to neuromusculoskeletal conditions. While fully appreciating the human body’s ability to heal naturally, New York Chiropractic College strives to advance research and scholarship, offer healthcare services to the public, and to engage in community service.

**Acupuncture and Oriental Medicine Master of Science Programs (MSA/MSAOM)**

The Acupuncture and Oriental Medicine Master of Science programs will provide a comprehensive professional education in acupuncture and Oriental medicine that, combined with instruction in biomedicine, prepares graduates to practice in a wide range of clinical settings. The programs emphasize an integrative and holistic approach to healthcare.

**Bachelor of Professional Studies Program (BPS)**

The Bachelor of Professional Studies program provides a life-science degree for New York Chiropractic College students who desire to complete their undergraduate studies, must earn a baccalaureate degree to qualify for professional licensure in a particular jurisdiction, and/or must fulfill a prerequisite condition for admission to another graduate program.

**Master of Science in Applied Clinical Nutrition Program (MSACN)**

The Master of Science in Applied Clinical Nutrition graduate program provides a comprehensive professional education that focuses on nutrition and its application in prevention and disease management that prepares graduates to practice in a wide range of clinical, consulting and industry settings. The program emphasizes an integrative approach to healthcare.
**Master of Science in Diagnostic Imaging Program (MSDI)**

The Master of Science in Diagnostic Imaging Residency program provides an educational program for the training of future chiropractic academicians and/or clinicians who desire to develop expertise in the area of diagnostic imaging. Through participation in the Residency, the doctor of chiropractic will receive a Master of Science in Diagnostic Imaging degree and become eligible to sit for the examination of the American Chiropractic Board of Radiology (A.C.B.R.).

**Master of Science in Clinical Anatomy Program (MSCA)**

The Master of Science in Clinical Anatomy graduate program provides a comprehensive professional education that focuses on developing professional teachers of applied clinical anatomy. Through New York Chiropractic College and cooperating institutions, students are trained in pedagogical technique and practical teaching experience to students of chiropractic, medicine, nursing, and other healthcare professions.

**Commencement Exercises**

Commencement exercises for the Doctor of Chiropractic program are held each trimester. Commencement exercises for the graduate programs are held annually. In addition to conferring degrees, awards for academic excellence and achievement are also presented.

**Accreditation, Registration, and Certification**

**Accreditation and Registration**

New York Chiropractic College holds an Absolute Charter from the New York State Board of Regents.

New York Chiropractic College is regionally accredited by the Commission on Higher Education, Middle States Association of Colleges and Schools.

New York Chiropractic College’s Doctor of Chiropractic, Master of Science, and Bachelor of Professional Studies degree programs are registered by the New York State Education Department.

New York Chiropractic College is accredited to award the Doctor of Chiropractic degree by the Commission on Accreditation of the Council on Chiropractic Education, 8049 North 85th Way, Scottsdale, AZ 85258-4321 Tel: 480-443-8877.

The Master of Science in Acupuncture and Master of Science in Acupuncture and Oriental Medicine programs of the New York Chiropractic College are accredited by the Accreditation Commission for Acupuncture and Oriental Medicine (ACAOM), which is the recognized accrediting agency for the approval of programs preparing acupuncture and Oriental medicine practitioners.

ACAOM is located at 7501 Greenway Center Drive, Suite 820, Greenbelt, MD 20770
Tel: 301-313-0855
Fax: 301-313-0912.

Documentation of the College’s accreditation is kept on file in the Office of Accreditation.

Concerns regarding the College’s compliance with the Educational Standards of the Council on Chiropractic Education should be addressed to:

The Council on Chiropractic Education
8049 North 85th Way
Scottsdale, AZ 85258-4321
(480) 443-8877

**Certifications**

The College is certified by the United States Department of Education to offer the following programs:

- Federal Pell Grants
- Federal College Work Study Program
- Federal Perkins Loans
- Federal Family Education Loan Program (FFELP)
- Federal Stafford Loans (formerly GSL)
- Veterans Educational Benefits
- Vocational Rehabilitation Benefits
The Campus

**Academic Facilities**

Three academic buildings at the Seneca Falls campus serve as major centers for NYCC’s instructional, research and student-life programs. These contain four amphitheater-style lecture halls and conventional classrooms equipped with multimedia instructional technology, plus laboratories for basic sciences, X-ray positioning and reading, diagnostics, technique and skill classes, and research programs and activities. Video teleconferencing technology connects all New York Chiropractic College campuses in a synchronous learning environment. Also included in the academic building complex are the student health center, computer laboratories, the Career Development Center, and the offices of student activities, counseling, and housing. In addition, these buildings contain faculty offices and the offices of the Dean of Chiropractic, the Dean of the School of Acupuncture and Oriental Medicine, Dean of the School of Applied Clinical Nutrition, and the Academic Department Heads.

**New York Chiropractic College Health Centers**

Each of the health centers of New York Chiropractic College is well-equipped with multiple examination and treatment rooms, X-ray facilities, rehabilitation equipment, an intern lounge with networked computers, a library, classrooms, and an interactive video teleconferencing room. These facilities provide the clinical and educational environments in which student interns receive guided experiences to develop the skills, knowledge and attitudes necessary to become competent and confident practitioners.

**Campus Health Center, Seneca Falls Campus**

The Campus Health Center is located in the main Academic Building. In this health center, students learn to provide care and perform treatment in a practice setting by serving the healthcare needs of the entire campus community. All chiropractic students in their seventh trimester apply classroom and textbook knowledge in the campus health center as their first internship experience. All acupuncture and Oriental medicine students perform treatments in the campus health center sometime during their internship portion of the program as one of their clinical rotation sites. A variety of unique clinical experiences are also provided at associated satellite locations.

**Seneca Falls Health Center, Seneca Falls, New York**

The Seneca Falls Health Center is located on the campus, across from the Athletic Center. It is an integrated health center. This facility offers a variety of services – including chiropractic, allopathic medicine, acupuncture and Oriental medicine, and massage therapy – to the surrounding community. For chiropractic students who are upper-trimester interns in the Seneca Falls Campus Health Center and for all MSA/MSAOM students, this health center serves as one of the internship sites, allowing students to work in a multidisciplinary health center that serves the public. In addition, unique clinical experiences are provided at associated satellite facilities.

**Depew Health Center, Depew, New York (Western NY)**

The Health Center at Depew is situated on a busy county road in a suburb of Buffalo. It is a residential and business locale with convenient access from most areas of the Erie County region, including downtown Buffalo, its adjacent towns and Niagara Falls. The facility hosts some postgraduate and alumni activities. This center offers a variety of services such as acupuncture, chiropractic, and massage therapy care to the greater Buffalo area. Upper-trimester chiropractic students in Depew spend their time both here and at associated satellite locations, and experience the practice of chiropractic in diverse treatment settings. MSA/MSAOM students from the Buffalo area may fulfill a portion of their clinical observation and clinical internship hours in the Depew Health Center.

**Levittown Health Center, Levittown, New York (Long Island)**

The Health Center at Levittown is situated in a suburban residential
and business locale with convenient access from the New York City region and eastern Long Island. Chiropractic, acupuncture, and other health services are provided to the greater New York City region. Upper-trimester chiropractic students in Levittown spend time here and at associated satellite locations to experience the practice of chiropractic in diverse treatment settings. The College’s Center for Postgraduate and Continuing Education is also at this facility.

**Research Center**

NYCC currently operates three designated research laboratories: (1) Pathophysiology/Biochemistry; (2) Neuromuscular Physiology (Biodynamics Laboratory); and (3) Foot Levelers Biomechanics Research Laboratory. These laboratories are equipped with state-of-the-art instrumentation to extend our knowledge in such areas as the physiology of spinal manipulation, etiology and pathogenesis of musculoskeletal pain disorders, and the effects of chiropractic treatments on gait, posture, and human performance. In addition, they offer a unique opportunity for students to integrate cutting-edge research into their clinical education.

**Center for Excellence in Learning and Teaching**

Situated on the ground floor of the Library is the College’s Center for Excellence in Learning and Teaching, where students can receive both academic counseling and tutorial services to assist with their learning activities. Also, Counseling Services is located in this suite, and appointments for personal counseling can be made here.

**Anatomy Center**

Also located on the Library’s ground floor is the Anatomy Center, consisting of the anatomy laboratory and dissection theater. The dissection theater is equipped with video equipment and monitors to preview the day’s dissection for the students. The Anatomy Center also includes cold-storage and preparation rooms for cadavers, X-ray equipment, faculty offices, and conference areas.

**Interactive Video Teleconferencing Center**

The advanced technology in the interactive video teleconferencing center gives the College the capability to extend its classroom instruction electronically to and from the chiropractic health centers and the main campus.

**Kenneth W. Padgett Administration Building**

The Administration Building is the primary location of administrative, enrollment management, and institutional support services for the College. The offices of President, Executive Vice President of Academic Affairs, and Vice President of Finance and Administrative Services are located in this building, along with the offices of Accounting, Payroll, Purchasing, Accreditation, Institutional Quality and Assessment, Bursar, Computer Services, Human Resources, Institutional Advancement, Enrollment Management (Admissions, Financial Aid, Registrar and Alumni Affairs), Facilities Management, and Campus Security. The Administration Building also houses student, faculty and staff dining facilities, mail and central duplication services, the Delavan Theater, and the Arnold M. Goldschmidt Museum of Chiropractic History.

**Dining Facility**

The dining facility is located on the main floor of the Administration Building, with kitchen and storage facilities.
located below ground level. The food service area, known as the “Servery,” is open daily for students, faculty, staff and guests. The three dining rooms serve as eating areas and as locations for meetings, receptions, luncheons and formal banquets. There is combined seating for over 400 persons. The dining rooms are aesthetically pleasing, with high ceilings and 15-foot windows that provide excellent views of the campus landscape.

**Bookstore**

The Campus Bookstore is located in the tunnel connecting the Administrative and Academic buildings. The Bookstore is operated by the Follett Higher Education Group, and is open year round. It stocks and sells required textbooks, healthcare-related publications, and a variety of instructional supplies and study materials. At the Bookstore, students and other customers also may purchase sundries, beverages, snacks, and greeting cards, along with a full line of NYCC gifts and clothing.

**Residence Halls**

NYCC’s residence halls provide students with a secure campus environment that offers a social yet private residential campus life for unmarried and married students, and married students with dependent children.

The campus has six suite-style residence halls. All suites include single and double bedrooms, a living/study room, and either one or two bathrooms. Standard features include wall-to-wall carpeting, a refrigerator, phone lines to each bedroom, TV cable service to the living/study room, and a wireless network. Each building has a centralized kitchen, recreation room, washer/dryer facilities, and storage space.

**Athletic Center**

Students, faculty and staff enjoy one of the finest regional recreational facilities in NYCC’s 88,000 square-foot Athletic Center. Athletic Center memberships are also available to residents of the Seneca Falls community through the College’s Department of Recreational Services. Within the Athletic Center is a 32,000 square-foot gymnasium, which accommodates a variety of recreational, athletic, cultural and academic functions. The gymnasium features four basketball courts – which can be converted to four tennis courts, three volleyball courts, or four badminton courts – and a 150-meter, four-lane track. It is also the site of the College’s commencement exercises and large community events.

A 3,700 square-foot fitness center is equipped with both cardiovascular and free-weight equipment. Additional amenities within the Athletic Center include two racquetball/handball courts; a six-lane, 25-meter swimming pool; an aerobics room; and men’s and women’s locker rooms. The 286-acre NYCC campus also provides a variety of outdoor recreational venues, featuring tennis, basketball and volleyball courts; two multipurpose athletic fields utilized for soccer, lacrosse, and flag football; an executive nine-hole golf course; and driving range.

**Delavan Theater**

The Delavan Theater, located in the Administration Building, seats 350 people for College and community activities. Its full complement of equipment and lighting makes this an ideal site for dance, theatrical, musical, and other special events.

**The Arnold M. Goldschmidt Museum of Chiropractic History**

The College’s Arnold M. Goldschmidt Museum is named after a former member of NYCC’s Board of Trustees and president of the Association for the History of Chiropractic. The museum displays artifacts that trace the history of spinal manipulation since ancient times. There are photos and documents that span the more than 100 years of chiropractic history, as well as a collection of diagnostic and therapeutic equipment used by chiropractors over the last century.

**President’s Residence**

The President’s residence at the Seneca Falls campus serves as a private home for the President and his family, and is utilized for College-related receptions and other social functions.
Catalog

New York Chiropractic College
2360 Route 89
Seneca Falls, NY 13148

Phone: 1-800-234-6922

Web sites:
www.nycc.edu
http://aom.nycc.edu
Admission to the College

The College is committed to providing programs of academic excellence to the best-qualified and most highly motivated individuals. Candidates are selected based on academic credentials and on profiles of successful students and alumni of NYCC.

**ACADEMIC REQUIREMENTS FOR ADMISSION**

Please refer to the individual program section for a complete description of the academic requirements for each degree program.

**THE APPLICATION PROCESS**

**How to Apply**

1. A letter of application and completed application form must be submitted. The letter of application should provide a brief personal profile of the applicant, including motivations for applying to the College.

2. A nonrefundable $60.00 application fee should be remitted.

3. Prospective students must instruct the registrars of ALL colleges or universities they’ve attended to forward OFFICIAL TRANSCRIPTS of academic records directly to the NYCC Admissions Office.

4. Three written references should be submitted as follows:

   - **DC Program** – one from each: an academic instructor, a doctor of chiropractic, and a character reference of choice.
   - **MSA/MSAOM Programs** – one from each: an academic instructor or employer, a healthcare provider, and a character reference of choice.
   - **MSACN Program** – no references required.

5. Eligible applicants are invited to attend an admission interview. The admission interview is used to assess the candidate’s motivational characteristics and personality strengths. In certain instances, the interview may be waived.

6. During the on-campus interview process, applicants may also be asked to generate brief written samples demonstrating communications ability.

**When to Apply**

Completed application forms should be submitted within three to six months of the intended trimester start date.

New students entering the chiropractic program are admitted to start in the September, January and May trimesters.

New students entering the graduate programs are admitted to start in the September trimester of each year.

NYCC operates on a rolling-admission basis. Application should be made after the prospective student has completed at least 50 semester hours of college study; and for chiropractic students, half of the prerequisite science courses should have been completed.

Students who have been admitted to one of NYCC's professional-degree programs (DC or MSA/MSAOM) may apply to the Bachelor of Professional Studies program at any time during their DC or MSA/MSAOM program; however, they are accepted only after successfully completing at NYCC – with a “C” grade or better – 30 credits of basic-science course work.

**Selection of Candidates**

After the applicant has satisfied admission requirements by supplying documentation and completing an interview, the prospective student’s complete application package (transcripts, essays, references, interview evaluation) will be reviewed.

Upon completion of the review, the applicant will be notified of the College’s admission decision. If space is no longer available for the trimester requested on the application, the applicant will be contacted by the Admissions Office and considered for the next available trimester.

Submission of fraudulent documents, misrepresentation, or deliberate omission of any
relevant information in the application process shall be cause for rejection of the candidate, or revocation of admission.

Characteristics of a successful candidate for admission:

- Superior communication skills, both oral and written;
- A good understanding of the nature of the student's intended profession as distinguished from other healing arts;
- Evidence of strong motivation to become a healthcare practitioner;
- Initiative and honesty, as evidenced by the candidate's transactions within the application process and in all information submitted in support of the application;
- Academic achievement that compares favorably to that of successful students at NYCC.

If any academic documentation for admission has not yet been received at the time of acceptance, the applicant is offered a provisional acceptance. An official acceptance occurs only after the selected candidate has supplied official transcripts and other documents as required.

**Notification of Admission Status**

All applicants receive written status updates on their applications. An acceptance letter qualifying the entering class date is sent to all accepted applicants.

**Candidates’ Responses**

Applicants notified of acceptance or invited to continue their candidacy are expected to reply promptly in writing to indicate their enrollment intentions. Those accepting an offer of admission must make a non-refundable deposit of $400 within 30 days following notification to secure a seat in the desired class. The deposit will be applied toward the first trimester's tuition and fees.

Accepted candidates who have deposited for a particular term may defer their admission to a subsequent term, with the approval of the Admissions Office and based on the availability of space.

As a courtesy to other applicants, an accepted candidate who ultimately does not plan to enroll at NYCC is requested to notify the Admissions Office of this fact, so another student can be admitted in this slot.

**Campus Visitation Days and Tours**

NYCC invites students to make individual appointments to tour the campus, attend classes and labs, talk with current students and instructors, sample lunch in NYCC's dining facilities and/or stay overnight in one of the residence halls.

Saturday visits will be offered approximately once a month to accommodate those students who work or have classes during the week. In addition, NYCC hosts Open Houses in the spring and fall of each year.

Admissions counseling is strongly encouraged and is available in conjunction with campus visits.

For further information on visiting NYCC or to schedule an appointment. Contact the Admissions office at 1-800-234-6922.

Address all correspondence regarding admission to:

New York Chiropractic College
Admissions Office
2360 Route 89
Seneca Falls, NY 13148-0800
1-800-234-6922 (NYCC)
(315) 568-3040
Fax: (315) 568-3087

View NYCC on the Internet at www.nycc.edu or aom.nycc.edu

or

E-mail NYCC Admissions at enrollnow@nycc.edu
Tuition & Fees

Tuition

Doctor of Chiropractic Program

Chiropractic students who are scheduled for 17 to 28 credit hours will be charged a flat rate of $8,560 per trimester for the 2008-09 year. Any student who falls outside this range will be credited or charged at a per-credit-hour rate of $384 for each credit hour above 28 credits or below 17 credits. Tuition and fees are subject to adjustments authorized by the Board of Trustees. In such cases, due notice will be given.

School of Acupuncture and Oriental Medicine/School of Applied Clinical Nutrition

Tuition for the graduate programs is $398 per credit for the 2008-09 academic year (NYCC alumni and NYCC chiropractic students pay $327 per credit). Tuition and fees are subject to adjustments authorized by the Board of Trustees. In addition to tuition charges, a general fee and other fees, students incur expenses for books and certain supplies.

Bachelor of Professional Studies Program

A $1,215 fee will be charged to students who are enrolled in the DC or MSA/MSAOM degree programs who seek to earn the Bachelor of Professional Studies (BPS) degree. This fee covers the tuition for the capstone course required for completion of the BPS degree and other associated administrative costs. No additional charges are associated with obtaining the BPS degree.

Fees Per Trimester

- General Fee
  - 1st trimester of enrollment $270
  - Subsequent trimesters $240
- Technology Fee $50
- Meal Plan (required for chiropractic students, trimesters 1-9 enrolled at Seneca Falls campus taking 12 or more credits) $325
- Infirmary Fee (required for chiropractic students at Seneca Falls campus taking 12 or more credits) $50
- Challenge Exam Fee $100

Other Fees

- Application Fee (nonrefundable) $60
- Admission Deferral Fee (nonrefundable) $100
- ID Card Replacement $10
- Late Tuition Payment Fee $100
- Late Registration Fee $50
- Housing Contract Release Fee $200
- Returned Checks $25
- Stop Payment $30
- Outcomes Assessment Review $500
- Study Abroad Fee $890

Required Deposits

- New Student Tuition Deposit $400

Housing Deposit

- First-time Occupants $100

Housing Fees Per Trimester:

- Double Room $1,065
- Single Room $2,065
- Married $2,580
- Family $2,945

Payment Policies

All tuition charges must be paid in full by the date established by the College for each trimester. Students may receive a financial-aid deferment by completing their loan applications and submitting them to the Financial Aid Office by the designated deadline. If outstanding charges exist, students will not be allowed to register on Registration Day and will be required to register late upon payment of tuition and fees, including the appropriate late registration fines.

Students whose balances are not covered by Financial Aid may have the option of remitting one-third of their total balance due on the established tuition due date, the second one-third on the first day of class, and the final one-third thirty days after the start of classes. Students must sign a promissory note upon making the first payment by the initial due date in order to participate. A new contract must be signed each trimester. There is no finance charge for this payment plan; however, any late payment made under this plan will result in the assessment of a $100 late-payment fine and may result in the student being deregistered from classes. Students who have missed three due dates during their enrollment will be required to pay 100% of their charges by the initial due date.

Payments may be made by check, credit card, cash or wire transfer. Payment should be made in U.S. dollars. NYCC accepts MasterCard, Visa, and Discover. No postdated checks will be accepted.
**Student Account Refunds**

A student will receive an overpayment check whenever there is a credit balance reflected on the student account. Credit balances usually result from proceeds received from grants, scholarships, student loans and other payments. The calculation and distribution of student refund checks is facilitated by the Bursar’s office.

Student refund checks resulting from credit balances are made available to the student within 14 days of either the beginning date of the academic term, or the date in which the credit is generated. Financial aid disbursements or refund checks may not be distributed, if the student is not in good academic standing with the College or has an outstanding “I” incomplete grade from a prior academic term. Appeals to the policy may be made to the Financial Aid office.

**Refund Upon Withdrawal**

Students who withdraw from the College prior to the 60% completion point of a term will have their institutional charges adjusted. Tuition, fees, housing charges, and required meal plans will be prorated based on the percentage of the term completed as of the student’s last date of attendance. If a student attends beyond the 60% point of a term, no refund will be made. Students must contact the Center for Excellence in Learning and Teaching to begin the withdrawal process.

**Refund Upon Withdrawal From Concurrent Programs**

Students who concurrently matriculate in more than one degree program and choose to fully withdraw from one of the programs may be entitled to a tuition refund. The withdrawn program’s tuition costs are refunded based on the percentage of the term completed. If a student attends beyond the 60% point of a trimester, no refund will be made.

Withdrawal from individual course(s) results in no refund when it occurs after the drop/add period (refer to the Academic Calendar for deadline).

**Return of Title IV Funds**

When a Federal Student Aid recipient withdraws from the College, the amount of Title IV funds earned is based upon the percentage of the term completed. For withdrawals prior to the 60% point of the term, a pro-rata refund calculation determines the amount of student aid a student has earned. After the 60% point of the term, a student is entitled to 100% of his/her student aid.

When a student who has paid using only personal funds withdraws from the College, any credit balance after returning internal scholarships will be returned to the student.

**Penalties**

The College reserves the right to deny admission or registration to any person who has not paid in full all outstanding financial obligations to the College. Unless the debt has been discharged under the Bankruptcy Reform Act of 1978, the College may, at its sole discretion:

1. Refuse to admit or register the student;
2. Cancel the student’s registration;
3. Bar the student from attending class;
4. Remove the student from residence housing;
5. Withhold the student’s transcripts and diploma.
Financial Aid Programs

The office of Financial Aid endeavors to help students meet their financial obligations to the College with the aid of scholarships, Federal College Work-Study, grants and loans. This section outlines the commonly used sources of financial aid, eligibility criteria and application procedures. The following table is a list of the scholarships, grants and loans available at NYCC, along with main eligibility criteria and application used.

**Sources of Financial Aid at New York Chiropractic College**

**2008-09 Grants & Scholarships**

<table>
<thead>
<tr>
<th>Applicable to</th>
<th>Program Name</th>
<th>Description</th>
<th>Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC and MSA/MSAOM Programs</td>
<td>New York State Regents Professional Opportunity Scholarship</td>
<td>State scholarships awarded to NYS residents who are economically disadvantaged</td>
<td>Maximum of $5,000 per year</td>
</tr>
<tr>
<td></td>
<td>New York State Tuition Assistance Program (TAP)</td>
<td>State grant for NYS residents.</td>
<td>Maximum of $550 per year</td>
</tr>
<tr>
<td>DC Program Only</td>
<td>NYCC Merit Scholarships</td>
<td>Competitive Scholarships awarded to prospective students; based on previous academic achievement, enrolling with 90 cr. hrs. or greater.</td>
<td>3.0-3.49 GPA $1,500 3.5-4.0 GPA $2,500 For first academic year</td>
</tr>
<tr>
<td></td>
<td>NYCC Academic Scholarships</td>
<td>Competitive Scholarships awarded to enrolled students in each class in Trimesters 1-9.</td>
<td>$200 - $400 per trimester</td>
</tr>
<tr>
<td></td>
<td>NYCC International Scholarships</td>
<td>Competitive Scholarships awarded to enrolled nonresident alien students who are classified as Trimester 2 or higher; minimum GPA of 3.0 and essay required.</td>
<td>$500 per trimester $1,500 maximum per award year</td>
</tr>
<tr>
<td></td>
<td>NYCC Education Opportunity Awards</td>
<td>Competitive Awards for enrolled students who have a minimum GPA of 2.75; financial need and essay considered.</td>
<td>$400 per trimester $1,200 maximum per award year</td>
</tr>
<tr>
<td></td>
<td>NYCC Endowed Scholarships</td>
<td>Competitive Scholarships awarded to enrolled students. Details available in Financial Aid Office.</td>
<td>Award amounts vary</td>
</tr>
<tr>
<td>MSA/MSAOM Programs Only</td>
<td>NYCC Acupuncture and Oriental Medicine Scholarship</td>
<td>Competitive Scholarships for enrolled students with a minimum GPA of 3.5; financial need and essay considered.</td>
<td>$500 per trimester $1,500 maximum per award year</td>
</tr>
</tbody>
</table>
### Loan Programs

<table>
<thead>
<tr>
<th>Applicable to</th>
<th>Program</th>
<th>Academic Year Maximum</th>
<th>Interest</th>
<th>Eligibility</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC and Master's Degree Programs</td>
<td>Federal Subsidized Stafford Loan</td>
<td>$8,500</td>
<td>Fixed rate 6.8%</td>
<td>Financial need</td>
<td>Financial Aid Form, Loan Application</td>
</tr>
<tr>
<td></td>
<td>Federal Unsubsidized Stafford Loan</td>
<td>Master's Degree programs: $12,000 DC program: May be awarded up to student budget less other aid.</td>
<td>Fixed rate 6.8%</td>
<td>Financial need</td>
<td>Financial Aid Form, Loan Application</td>
</tr>
<tr>
<td></td>
<td>Graduate PLUS Loan</td>
<td>May be awarded up to student budget less other aid.</td>
<td>Fixed rate 8.5%</td>
<td>Credit worthy</td>
<td>Financial Aid Form</td>
</tr>
<tr>
<td></td>
<td>Federal Perkins Loan</td>
<td>$3,000</td>
<td>Fixed rate 5%</td>
<td>Financial need</td>
<td>Financial Aid Form</td>
</tr>
<tr>
<td></td>
<td>U.S. and International Student Private Loans</td>
<td>Amounts vary.</td>
<td>Vary by loan program</td>
<td>Vary by loan program</td>
<td>Contact the Financial Aid Office for information</td>
</tr>
</tbody>
</table>

### Employment

<table>
<thead>
<tr>
<th>Applicable To</th>
<th>Program</th>
<th>Annual Maximum</th>
<th>Eligibility</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC and MSA/MSAOM Programs</td>
<td>Federal Work Study</td>
<td>Varies according to work load and unmet need</td>
<td>Financial Need</td>
<td>Financial Aid Form and NYCC Application</td>
</tr>
</tbody>
</table>
COST OF EDUCATION/EXPENSE BUDGETS

Eligibility for financial aid is determined by a student’s financial need and the costs associated with attending the institution, called the “student budget” or “cost of education.” The components of a student’s budget include direct costs (tuition, fees, books and supplies) and indirect costs (room and board, personal expenses and transportation) as prescribed by the U.S. Department of Education.

Student Expense Budgets 2008-09

<table>
<thead>
<tr>
<th>Expense</th>
<th>MSA Program</th>
<th>MSAO.M Program</th>
<th>MSACN Program</th>
<th>Seneca Falls Campus</th>
<th>Off-Campus Health Center 7&amp; 8</th>
<th>Off-Campus Health Center 9&amp; 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$11,790</td>
<td>$14,195</td>
<td>$4,776</td>
<td>$17,120</td>
<td>$17,120</td>
<td>$17,120</td>
</tr>
<tr>
<td>Fees</td>
<td>$580</td>
<td>$580</td>
<td>$580</td>
<td>$680</td>
<td>$680</td>
<td>$680</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>$1,400</td>
<td>$1,400</td>
<td>$700</td>
<td>$1,440</td>
<td>$1,440</td>
<td>$1,440</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$7,500</td>
<td>$7,500</td>
<td>$700</td>
<td>$7,500</td>
<td>$8,355</td>
<td>$9,210</td>
</tr>
<tr>
<td>Transportation</td>
<td>$1,750</td>
<td>$1,750</td>
<td>$1,440</td>
<td>$1,750</td>
<td>$1,955</td>
<td>$2,160</td>
</tr>
<tr>
<td>Personal</td>
<td>$1,180</td>
<td>$1,180</td>
<td>$1,180</td>
<td>$1,180</td>
<td>$1,180</td>
<td>$1,180</td>
</tr>
<tr>
<td>Loan</td>
<td>$244</td>
<td>$269</td>
<td>$62</td>
<td>$300</td>
<td>$310</td>
<td>$322</td>
</tr>
<tr>
<td>Total</td>
<td>$24,444</td>
<td>$26,874</td>
<td>$6,118</td>
<td>$29,970</td>
<td>$31,040</td>
<td>$32,112</td>
</tr>
</tbody>
</table>

*These estimated expenses represent two trimesters (one academic year) and may vary due to modest increases or individual factors. Please consult the Financial Aid office on your special individual situations such as child care and insurance expenses.

This Financial Aid information reflects data available at the time of the Catalog and Student Guide publication. State and federal legislation may affect the student’s eligibility and the academic year amounts of the award available. Current funding levels and regulations are available from the NYCC Financial Aid office.

GENERAL ELIGIBILITY GUIDELINES

Citizenship

To receive funds from federal programs, you must be a U.S. citizen or eligible noncitizen. An eligible noncitizen should have an eight- or nine-digit Alien Registration Number and belong to one of the following categories:

- U.S. permanent resident with an Alien Registration Receipt Card (I-151 or I-551);
- Other eligible noncitizen with a Departure Record (I-94) from the U.S. Immigration and Naturalization Service showing any one of the following designations: (a) Refugee, (b) Asylum Granted, (c) Indefinite Parole and/or Humanitarian Parole, or (d) Cuban-Haitian Entrant;
- Other eligible noncitizen with a temporary residency card (I-688);
- Those in the U.S. on only an F1, F2 or M-1 student visa, only a J1 or J2, B1 or B2 (exchange) visitor visa, a G, H or L series visa, are not eligible for Federal or State Aid. Also, anyone with only a “Notice of Approval to Apply for Permanent Residence” (I-171 or I-464) cannot receive Federal Financial Aid Funds.
**Status of Prior Loans**

A student is not eligible to receive federal financial aid if in default on any federal educational loans previously borrowed. Also, a student must not have liens on his/her property due to debt owed to any federal agency.

**Dependency Status**

Students enrolled in any of NYCC’s graduate and professional degree programs are considered to be independent students for the purpose of applying for Federal Student Aid Programs. Parental information is not required to be reported on the Free Federal Application for Federal Student Aid (FAFSA).

**Satisfactory Academic Progress – New York State Financial Aid**

Students are expected to be making satisfactory progress in their course of study to be able to participate in the State Student Financial Assistance Program. The following chart outlines the minimum requirements for financial aid eligibility at each level of study for all students.

<table>
<thead>
<tr>
<th>Doctor of Chiropractic Program</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Before being certified for this payment</td>
<td>A student must have accrued a minimum of</td>
<td>With a cumulative index of at least</td>
</tr>
<tr>
<td>1</td>
<td>0 credits</td>
<td>0.00</td>
</tr>
<tr>
<td>2</td>
<td>18 credits</td>
<td>1.50</td>
</tr>
<tr>
<td>3</td>
<td>36 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>4</td>
<td>55 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>5</td>
<td>75 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>6</td>
<td>95 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>7</td>
<td>120 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>8</td>
<td>145 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>9</td>
<td>165 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>10</td>
<td>185 credits</td>
<td>2.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MSA and MSAOM Programs</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Before being certified for this payment</td>
<td>A student must have accrued a minimum of</td>
<td>With a cumulative index of at least</td>
</tr>
<tr>
<td>1</td>
<td>0 credits</td>
<td>0.00</td>
</tr>
<tr>
<td>2</td>
<td>12 credits</td>
<td>1.50</td>
</tr>
<tr>
<td>3</td>
<td>24 credits</td>
<td>1.75</td>
</tr>
<tr>
<td>4</td>
<td>36 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>5</td>
<td>48 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>6</td>
<td>60 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>7</td>
<td>72 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>8</td>
<td>84 credits</td>
<td>2.00</td>
</tr>
<tr>
<td>9</td>
<td>96 credits</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Students who fail to meet these standards and become ineligible to receive New York State financial aid may have their eligibility reinstated by one of the following methods:

- Make up a deficiency without benefit of state support;
- Be readmitted to the institution after an absence of at least one calendar year by meeting the institution’s academic requirements;
- Transfer to another institution where the student must meet the new institution’s admission requirements.

**Satisfactory Academic Progress for Federal Financial Aid Eligibility**

The federal financial aid programs require students to maintain academic progress in order to remain eligible to receive financial aid funds. This progress is monitored by qualitative and quantitative standards at the end of each student’s academic year. The standards by which a student is considered to be making satisfactory progress are established by the College, monitored by Academic Affairs, and fulfill all requirements for students to maintain their federal financial aid eligibility. At the end of the second academic year, students should be maintaining a standard of performance that will allow them to meet the qualitative graduation requirement of a 2.0 GPA within the program’s maximum time frame.

The normal length of study to complete the DC degree program is five academic years. The normal periods of full-time study to complete the MSA and MSAOM degree programs are eight trimesters (32 months) and nine trimesters (36 months) respectively. A student may need a longer period of time due to personal reasons or academic difficulties. In these instances the appropriate academic dean or director may allow students to extend their
program. This extended period may include repeat courses and/or remedial course work. A student’s progress will continue to be monitored during this time in order to ensure that the student will stay within the degree program’s maximum length of 13 trimesters for the DC program, 12 trimesters for the MSA program, and 14 trimesters for the MSAOM program. Any student needing to go beyond these maximum time limits must follow a formal appeal process with the Academic Standing Committee. A student must document the unusual circumstances that have led to the appeal for a program extension. Federal aid eligibility is regained if the appeal is approved.

Good Academic Standing

The status of good academic standing is defined as any student who is allowed to register for and perform academic course work at the college during any given trimester. A student who, after academic review, has attained a status of Academic Warning or Academic Probation is considered to be in good academic standing. Failure to maintain good academic standing could result in the loss of financial aid eligibility and/or dismissal from the program.

Loan Application Process

The Free Application for Federal Student Aid (FAFSA) must be completed by all U.S. students who wish to be considered for financial aid. Some students may be required to complete a supplemental form.

Award Letter

Prior to beginning enrollment at NYCC, and each academic year following, students will receive an award letter from the Financial Aid office. This letter discloses the student’s expense budget for the upcoming academic year and a financial aid offer to assist in covering the expenses. On the award letter a student has an opportunity to accept, reject or modify the aid package offered. Incoming first-time students are required to sign and return the award letter to the Financial Aid office. For continuing students, the act of not returning the award letter to the Financial Aid office is interpreted as acceptance on the student’s part of the aid package offered.

Loan Applicants

Each loan program may require separate loan applications. Students should contact the Financial Aid office for the appropriate application and guidance in selecting a lender. Since NYCC is on a trimester schedule, two trimesters (eight months) equal one academic year for loan purposes. Loan applications should be submitted approximately three months prior to the academic period. Students are notified of submission dates by the Financial Aid office.

Scholarships and Grants

Scholarship opportunities available to DC students are listed on NYCC Online, the Financial Aid bulletin board, and the College’s message monitors throughout campus. They vary as to the amount of the award and the criteria for eligibility. Some sources of scholarships, both within and outside the College, include the following:

- Kenneth W. Padgett/Alumni Scholarship
- American Specialty Health (acupuncture and chiropractic)
- The Foundation for Chiropractic Education and Research Scholarship
- Don & Kay Allen International Scholarship
- International Chiropractors Association Auxiliary Scholarship
- The American Chiropractic Council of Women Chiropractors Scholarship
- Chiropractic Education Foundation of New York Scholarship
- New York State Financial Aid Administrators Association Scholarship
- New York State Chiropractic Association Scholarship
- Business & Professional Women’s Club of New York State Scholarship
- Chiropractic Academic Research and Excellence Scholarships (CARE)
- Foot Levelers Scholarship
- Dr. Marvin B. Sosnik Scholarship
- Dr. Jack DiBenedetto Memorial Scholarship
The Biofreeze Scholarship
Dr. Arnold (Mickey) and Lucille Goldschmidt Scholarship
William and Florence Crowther Scholarship
George Koenig Scholarship
Walter Vaughn Scholarship
Michael Hoyt Scholarship
Herbert Law Scholarship
Dr. Mark S. Persson Scholarship

**Tuition Assistance Program (TAP)**

Students who have established legal residency in New York State for at least one year prior to the term for which they are requesting aid may be eligible to receive a TAP grant award. Other items used to determine eligibility are dependency status and the previous year’s New York State net taxable income. The application for this program is automatically mailed to students who indicate that they are New York residents on the Free Application for Federal Student Aid (FAFSA).

**Regents Professional Opportunity Scholarship**

These awards provide up to $5,000 per year to students enrolled in a program leading to a degree in one of the following health career fields: physical therapy, chiropractic, dental hygiene, optometry, podiatry, or veterinary medicine. The actual amount of the award is based on total family income and cost of attendance. Payment of awards may be made for up to four years to study.

To be eligible for an award, a student must meet the following criteria:

- Enroll full-time as a matriculated student in a New York State institution that offers an approved program for the particular profession;
- Meet United States and New York State citizenship requirements;
- Be economically disadvantaged and/or a member of an underrepresented minority group.

Scholarship recipients must agree to practice their chosen profession in New York State for 12 months for each annual award. If a recipient fails to comply with the requirements concerning approved practice, the full amount of the award(s), plus a penalty, may be recovered by the state. The amount recovered will be two times the amount of the award received, plus interest, at the maximum prevailing rate, to be paid within a five-year period.

For additional information and applications, contact the Bureau of Higher and Professional Educational Testing, New York State Education Department, Cultural Education Center, Albany, NY 12230.

**Veterans Benefits**

The Doctor of Chiropractic degree program and the School of Acupuncture and Oriental Medicine are approved programs with the Bureau of Veterans Education. For veterans and their dependents who qualify for VA benefits, certification and monitoring of their enrollment status occurs in the Financial Aid office. Students should contact the Financial Aid office concerning any questions about the certification of their benefits. Recipients may receive funding from the various veterans programs, such as Chapters 30, 31 (federal vocational rehabilitation), 35, 1606 (reservist/national guard) and others. Students should contact their Veterans Affairs office to find out for which programs they qualify, or go to the VA Web site at www.gibill.va.gov.

New York State residents may receive benefits through the following programs: Regents Award for Children of Deceased or Disabled Veterans and the Vietnam/Persian Gulf Veterans Tuition Award. Contact New York State Higher Education Services Corporation at 888-697-4372 for more details on these programs.

**Student Loans**

**Federal Stafford Loan Program**

The Federal Stafford Loan Program provides low-interest loans (fixed rate at 6.8%) to eligible students in postsecondary
education. While the student is enrolled at least half-time, and during a six-month grace period or authorized periods of deferment, no payments of principal or interest are made.

Graduate/professional students may borrow a maximum of $8,500 per academic year (two trimesters at NYCC). The actual amount borrowed cannot exceed the difference between the student’s educational expense minus the calculated contribution and any other aid the student expects to receive. The maximum aggregate amount a student can borrow as an undergraduate. Please contact the Financial Aid office for information on effective dates of implementation, insurance premiums, origination fees and current interest rates.

**Federal Perkins Loan**

This is a Federal Loan Program jointly funded by the federal government and NYCC. Students with exceptional need may apply to borrow up to $4,500 per year. Repayment to the College begins nine months after graduation at a 5% rate of interest. To be considered for this loan, a student must demonstrate a very high need as determined by the information provided on the student’s need-analysis form. Applications should be submitted to the Financial Aid office and will be considered on a first-come, first-served basis.

**Federal Unsubsidized Stafford Loan Program**

The Federal Unsubsidized Stafford Loan Program is available to students who do not qualify for sufficient subsidized Federal Stafford Loans to meet their needs. The combined subsidized and unsubsidized Stafford Loan amounts borrowed cannot exceed the student’s total cost of education, minus any other financial aid. The terms and conditions are the same as the Federal Stafford Program except that the borrower is responsible for the interest during the in-school, deferment and grace periods. Please contact the Financial Aid office for information on effective dates of implementation, insurance premiums, origination fees and current interest rates.

**Federal Graduate PLUS Loan**

The Federal Graduate PLUS Loan Program is available to graduate students who do not qualify for sufficient funding from other financial aid programs to meet their financial need. The amount of the PLUS loan that a student receives cannot exceed the student’s total cost of education budget, minus any other financial aid. The loan has a fixed interest rate at 8.5%, and does accrue interest while the student is enrolled in school, in grace and on deferment. Contact the Financial Aid office for further details.

**Deferment/Repayment/Consolidation**

Students who have borrowed from federal loan programs while attending NYCC may become eligible for deferments, loan consolidation and various other repayment options. Detailed information on these topics is available in the Financial Aid office.

**Federal College Work Study Program**

This is a federal program, funded jointly by the federal government and NYCC, that provides part-time employment for eligible students who have an unmet financial need. Work assignments are made in various departments – including the Athletic Center, Library, and administrative offices – as well as in community-service positions. Contact the Financial Aid office for applications and other details.

**Canadian Government Financial Aid**

Many Canadian chiropractic students receive provincial student loans through the Canadian government, private student lines of credit through Canadian lenders, home equity lines of credit, and private U.S. bank loans secured with U.S. co-signers. Call or visit the Financial Aid office for information on how to contact the various individual provinces’ and territories’ financial-aid programs.
The following section highlights the College’s academic policies and regulations. Please refer to the Academic Affairs Policy and Procedure Manual and the Student Guide section of this document for detailed policies and procedures.

**Policy on Academic Freedom/ Academic Responsibility**

New York Chiropractic College is a nonprofit, coeducational, multipurpose professional institution. It is the policy of NYCC to foster and maintain full freedom of discussion, inquiry, teaching and research. Every member of the College’s faculty is entitled to discuss relevant subjects freely in the classroom. In research and publication, faculty are entitled to discuss freely those subjects with which they are versed in order to encourage inquiry and to present and solicit relevant opinions and conclusions. While free to express those ideas which seem justified by the facts, faculty members will maintain standards of sound scholarship and competent teaching. The denigration or disparagement of individuals or ideas is not tolerated.

When speaking or writing as citizens, faculty are free from institutional censorship or discipline. All communication will be in accordance with the principles of scholarship. Faculty will be accurate, exercise appropriate restraint, show respect for the opinions of others, and clearly indicate when they are serving as spokespersons for the College.

Guest speakers are expected to adhere to this policy and maintain the same standards of scholarship as regular faculty, or be prohibited from future College forums.

**Academic Integrity**

Members of the academic community are expected to observe strict integrity in all phases of their work. All cases of academic dishonesty will be handled through the College’s judicial process, and may result in sanctions or permanent dismissal from the College.

**Academic Freedom for Faculty and Students**

The freedom of an instructor to organize his/her course according to the highest academic standards of pedagogical excellence is basic to the academic freedom of both faculty and students.

The 1967 “Joint Statement on Rights and Freedom of Students” makes it clear that students should have the right to freedom of expression and proper academic evaluation:

- Protection of Freedom of Expression: Students should be free to take reasoned exception to the data or views offered in any course of study and reserve judgment about matters of opinion. They are responsible for learning the content of any course of study in which they are enrolled.

- Protection Against Improper Academic Evaluation: Students should have protection through orderly procedures against prejudiced or capricious academic evaluation. At the same time, they are responsible for maintaining standards of academic performance established for each course in which they are enrolled. In keeping with these mutual rights and responsibilities, instructors make it clear in the course syllabus how a course is structured and how students’ progress will be assessed. This evaluation and learning process, in accordance with College policy, will include a final exam.

**Full-Time Status**

New York Chiropractic College defines a full-time student as one who is registered for a trimester course load of twelve (12) semester hours of credit or more.

**Half-Time Status**

New York Chiropractic College defines a half-time student as one who is registered for a trimester course load of six (6) to eleven (11) semester hours of credit.

**Registration**

A student may register for classes after having paid the required tuition and fees, or after having obtained appropriate clearance.
from the Bursar based upon approved financial aid.

Regular registration is conducted during appointed days/hours for students who have been approved to do so by the Bursar, in accordance with the published calendar for tuition payment.

Late registration is conducted for students who fail to qualify for the regular registration or miss the registration dates. After the close of late registration, no additional registration is possible for the term. Late registration entails an additional fee.

**ACADEMIC GRADING SYSTEM**

The following grading system is used to evaluate mastery of course work.

<table>
<thead>
<tr>
<th>Grade Ranges</th>
<th>Basic Science Departments</th>
<th>Chiropractic Clinical Sciences, Clinical Services, Acupuncture and Oriental Medicine, Applied Clinical Nutrition, and Electives</th>
<th>Grade Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A / 4.0</td>
<td>A / 4.0</td>
<td>Consistently exceeds performance standards.</td>
</tr>
<tr>
<td>80-89</td>
<td>B / 3.0</td>
<td>B / 3.0</td>
<td>Meets and occasionally exceeds performance standards.</td>
</tr>
<tr>
<td>70-79</td>
<td>C / 2.0</td>
<td>C / 2.0</td>
<td>Meets performance standards.</td>
</tr>
<tr>
<td>60-69</td>
<td>D / 1.0</td>
<td>F / 0.0</td>
<td>Does not consistently meet performance standards. The student may be required to repeat the course in its entirety.</td>
</tr>
<tr>
<td>0-59</td>
<td>F / 0.0</td>
<td>F / 0.0</td>
<td>Fails to meet minimal performance standards. The student is required to repeat the course in its entirety.</td>
</tr>
</tbody>
</table>

P / 0.0 Indicates successful achievement of all course objectives, including practical and clinical skills. This grade carries no quality points and does not affect the trimester or cumulative grade point average.

**Administrative Grades**

Grades that may be administratively assigned are described below, together with their impact, if any, on the trimester and cumulative GPA.

**W** Indicates withdrawal from a course prior to the completion of two-thirds of the scheduled meeting times. It does not enter into the calculation of either the trimester GPA or the cumulative GPA. The course must be repeated in its entirety.

**WF** Indicates withdrawal from a course after the completion of two-thirds of the scheduled meeting times. The WF grade carries 0.0 quality points and affects the GPA in the same manner as the F grade. The student must repeat the course in its entirety. Upon successful completion of the course, the new grade replaces the WF in cumulative GPA calculation, but the WF remains on the student’s transcript as a component of his/her academic history.

**XF** Indicates failure for excessive absence. The grade of XF carries 0.0 quality points and affects
the GPA in the same manner as the F grade. The student must repeat the course in its entirety. Upon successful completion of the course, the new grade replaces the XF in calculation of the cumulative GPA, but the XF remains on the student’s transcript as a component of his/her academic history.

TC Indicates transfer credit granted for equivalent course work completed at another institution. It does not enter into the calculation of either the trimester or cumulative GPA.

CR Indicates credit granted by evaluation for learning equivalent to specific NYCC course work. It does not enter into the calculation of either the trimester or cumulative GPA.

XA Indicates that a student was registered to audit a course but did not comply with the attendance requirement related to that registration.

AU Indicates that the student has audited the course and no academic credit has been granted upon completion of the course. It does not enter into the calculation of either the trimester or cumulative GPA. Students must have the permission of the instructor and dean to audit courses.

NR Indicates that no grade was reported by the instructor to the Registrar. This is temporary and does not affect the trimester or cumulative GPA.

I Indicates that achievement of course objectives, or internship in the outpatient health centers, was not fully evaluated, and/or an examination or other requirement had not been completed when grades were submitted to the Registrar at the end of the trimester. For other than clinic-service phase courses, if all course requirements are not met by the end of the second week of the next trimester, the I grade becomes an F and the course must be repeated in its entirety. For clinic-service phase courses, all course requirements must be met by the second Friday following the end of that trimester, or the I grade will become an F and the course must be repeated in its entirety.

Academic Honors

Academic excellence is rewarded throughout the program of study as well as at graduation.

The Dean’s List is compiled after the close of each trimester, identifying those students carrying a minimum of 12 credits in the master’s degree programs and 17 credits in the DC program who have achieved a trimester GPA of 3.50 or higher.

Chiropractic students who achieve Dean’s List status for three consecutive trimesters prior to the end of their seventh trimester are named to the honor society Phi Chi Omega.

All graduates who have earned a cumulative grade point average of 3.75 or higher will receive an Honors designation.

In addition, a number of special graduation awards are presented to chiropractic and acupuncture graduates who have distinguished themselves in specific areas. Recipients are selected by the Awards Committee, which includes representatives of the administration, faculty and student body.

These honor designations are indicated on the diploma, and are based on the cumulative GPAs of students who complete their educational study at NYCC.

Student Records

Federal, state and institutional regulations and requirements guide the maintenance, retention and disposal of student records. A directory of where student records are maintained at NYCC, and the institution’s retention/disposal policy, may be viewed in the Registrar’s Office.

Family Educational Rights and Privacy Act

New York Chiropractic College complies with the requirements as set forth by the Family Educational Rights and Privacy Act of 1974, as amended (Buckley Amendment). This Amendment establishes a student’s right to: (a) inspect and review education records; (b) amend education records; and (c) have some control over the disclosure of information from education records. Education records are all those records that: (a) contain information that is directly related to a student;
and (b) are maintained by an educational agency or institution or by a party acting for the agency or institution.

A student is defined as “any individual who is or has been in attendance.” Students are notified of their rights under this amendment on an annual basis at the time of registration. A copy of New York Chiropractic College’s institutional policy statement regarding this Amendment may be reviewed in the Registrar’s Office.

**Trimester Grade Reports**

Following the close of each trimester, a trimester grade report showing course grades, credits and GPA for the trimester, as well as cumulative credits and GPA, is available to each student.

**Transcripts**

Official transcripts are mailed directly by the Registrar’s Office to authorized agencies such as state boards, professional organizations and other educational institutions, upon written request. Unofficial transcripts are issued to the student or former student. All transactions related to transcripts are carried out in compliance with the Family Educational Rights and Privacy Act of 1974, as amended (FERPA). Transcripts are denied to students with unresolved financial obligations to the College, including certain student loans in default, unless the debts have been discharged under the Bankruptcy Reform Act of 1978.

**Course Withdrawal**

A student may voluntarily withdraw from a course prior to the completion of two-thirds of the scheduled meeting times. It is expected that the student who withdraws from a core course will re-enroll in the subsequent trimester or whenever the course is offered next. Withdrawal from core and elective courses may have an impact upon financial aid eligibility, anticipated graduation date and National Board eligibility.

**Program Withdrawal, Leave of Absence, and Readmission**

Official Withdrawal occurs when a student withdraws from the College, completing the required clearance procedures, or when a student is withdrawn administratively from the College.

Unofficial Withdrawal occurs when a student ceases attending classes during a trimester or fails to register for the next trimester, and does not complete the required clearance procedures.

Any withdrawal is a complete separation from the College and a former student is not eligible to register again unless readmitted. To be considered for readmission, a former student must submit a written request to the Registrar’s Office. An interview with a readmission committee may be required.

The grading policies related to course withdrawals apply to full withdrawals.
DOCTOR OF CHIROPRACTIC PROGRAM

Dean: Karen Bobak, BS, BA, DC

PURPOSE AND EDUCATIONAL OBJECTIVES

New York Chiropractic College is dedicated to graduating doctors of chiropractic capable of serving as primary care physicians. In embracing the role of primary care physicians, doctors of chiropractic will serve as portal-of-entry healthcare practitioners, providing diagnoses and patient management. Special emphasis is given to the treatment of neuromusculoskeletal conditions, while fully respecting the human body’s ability to heal naturally. Additionally, NYCC is dedicated to advancing the chiropractic profession by actively supporting chiropractic research and scholarship, and providing healthcare services to the local community and beyond.

ACADEMIC REQUIREMENTS FOR ADMISSION

All applicants for admission into the Doctor of Chiropractic program must provide proof of completing a minimum of 90 semester hours (136 quarter hours) of college credit, from accredited degree-granting institutions. All preprofessional college study must have been completed with a cumulative Grade Point Average (GPA) of 2.5 or higher on a 4.0 scale. Completion of only the 90 college credits, however, may not satisfy the preprofessional criteria for licensure in some states, and in certain states candidates must have completed a baccalaureate degree prior to entering chiropractic college to meet licensure requirements.

The majority of candidates selected for admission have completed 90 or more college credits (most have completed baccalaureate degrees), and have maintained a GPA substantially higher than the minimum requirement. NYCC strives to give good candidates an opportunity to be selected for admission. A campus visit and pre-admission counseling is available and recommended, preferably early in the process of completing preprofessional study.

The following prerequisite courses must be completed before a candidate can enroll at NYCC. All prerequisite course work must be completed with a grade of C (2.0 on a 4.0 scale) or better, and with a cumulative GPA of 2.5 or better.

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Semester Hours</th>
<th>Quarter Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCIENCES</td>
<td>24 *</td>
<td>36 *</td>
</tr>
<tr>
<td>Inorganic (General)</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>Chemistry I &amp; II (with labs)</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>Organic Chemistry I &amp; II (with labs)</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>Biology I &amp; II (with labs)</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>(Biology includes General Biology, Anatomy, Physiology, Cell Biology, Zoology, and Microbiology)</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>Physics I &amp; II (with labs)</td>
<td>6</td>
<td>9</td>
</tr>
</tbody>
</table>

* Note: Required credits in sciences are minimums. Most science courses with labs carry more than 3 semester hours per course. Contact the Admissions office for updates on requirements.

SOCIAL SCIENCES AND HUMANITIES 24 36

English or English Communication Skills 6 9

Psychology 3 4.5

Social Sciences and Humanities 15 22.5

Pre-Chiropractic Articulation Programs

High-priority status is given to students in special pre-chiropractic programs in which an articulation agreement exists with NYCC. Joint-degree programs (BS/DC), during which the student can save a year in the completion of the two degrees, are described later in this Catalog. Candidates for admission should be informed of scholarship opportunities based on academic excellence. Some
scholarships are awarded at the time of admissions and others throughout the program.

**Recency of Prerequisite Course Work**

All science prerequisites should have been completed within 10 years of the matriculation date at NYCC. The College evaluates each case individually and, if necessary, may require refresher courses to help ensure the candidate’s preparation for success at NYCC.

**Advanced Placement Courses**

All college credit earned via Advanced Placement (AP) courses is acceptable toward meeting the entrance requirements, provided the credit was granted by an accredited degree-granting institution. In the instance of science prerequisites, certification of the grade and of the laboratory is required.

**Credit through CLEP or Other Proficiency Examinations**

Up to 20 semester hours of a candidate’s preprofessional requirements can be earned through the College Level Examination Program (CLEP) and certain other college proficiency examinations. These credits likewise must be granted by an accredited degree-granting institution. None of the science prerequisites can be satisfied through examination programs.

**Technical Standards for Program Success**

New York Chiropractic College prepares students to become doctors of chiropractic. Contemporary chiropractic education requires that the accumulation of scientific knowledge be accompanied by the concurrent acquisition of skills, professional attitudes and behavior.

Consequently, New York Chiropractic College maintains that prospective and enrolled students must meet certain technical standards that are essential for successful completion of all phases of the educational program. Candidates for the Doctor of Chiropractic degree must meet the following technical standards, with or without reasonable accommodations. Candidates for admission and students must demonstrate:

1. the strength, coordination, and ability to stand and use the torso and all limbs in the performance of common chiropractic techniques;
2. the strength, manual dexterity, and tactile perceptiveness and ability to perform in all laboratory and clinical settings, to diagnose and treat human ailments, and to maintain the safety and well-being of fellow students and patients without posing a threat to themselves;
3. the visual, hearing and speech skills, and personal hygiene requisite to professional performance including reading all forms of diagnostic imaging, using microscopes, eliciting and recording patient histories, performing all auscultatory exams, and performing any and all other diagnostic and therapeutic procedures;
4. the ability to reason, learn, and perform independently demonstrating the conceptual, integrative, and quantitative skills that are necessary for critical thinking, problem solving, measurement, calculation, the ability to comprehend three-dimensional and spatial relationships, diagnosis, and therapeutic applications;
5. the emotional health required for the full use of their intellectual abilities, the exercise of good judgment, and the prompt and safe completion of all responsibilities; the ability to adapt to change, to display flexibility and to learn to function in the face of uncertainties and stressful situations; empathy, integrity, concern for others, interpersonal skills, interest, and motivation, which will be assessed during the admissions process and throughout their education.
Transfer Applicants

In addition to meeting NYCC’s current entrance requirements, transfer applicants must have met the NYCC entrance requirements in force at the time they enrolled at the health-profession institution from which transfer is sought. Evidence of proficiency in the subject matter will be required for course work from professional schools in countries that do not have accreditation systems equivalent to that of the United States. Course work to be transferred must have been completed within five years of the transfer date. Exceptions may be made for candidates holding a first professional degree or an academic graduate degree in a related discipline from an accredited institution.

To be considered for transfer credit, a course must be equivalent in content and credit hours to the NYCC course for which credit is sought. The student must have earned a grade of “C” or higher, and have used the course to meet entrance requirements. Basic-science academic courses must have been taken at the professional or graduate level. A student cannot transfer any more than 50 percent of course work in a program and must have earned not less than the final 25% of the total credits from NYCC.

Transfer applicants must complete all application procedures and must furnish official transcripts of graduate or professional schools attended. They must obtain and complete an application for transfer credit and wait for an evaluation. An offer of transfer credit, if accepted by the candidate, is not subject to further negotiation after transfer to NYCC. In consultation with appropriate department heads and faculty, the appropriate academic dean or director may grant transfer credit under exceptional or unusual circumstances that vary from the parameters defined above.

International Applicants

NYCC welcomes applications from international candidates. Applicants who are not U.S. citizens must meet the same entrance requirements as U.S. citizens, or be qualified via a CCE-recognized, non-U.S. equivalency program. International candidates must complete the same application procedures as all others, and must additionally provide the following:

- evidence of the ability to read, write and speak English at a level of mastery (minimum score of 500 on the Test of English as Foreign Language (TOEFL));
- a comprehensive evaluation of educational credentials by an appropriate agency such as World Education Services (WES), International Education Resource Foundation (IERF), etc.;
- certified English translation of educational credentials;
- an Ability-to-Pay statement.

Pre-Chiropractic Programs

Baccalaureate Degree Offered in Conjunction With Other Institutions

NYCC has established a “3+1” program leading to the completion of a BA or BS degree and the DC degree in one year less than normally would be required to complete each degree individually. Such programs are established under agreement with the following institutions:

Institution/Location

- Bloomfield College
  Bloomfield, NJ
- Caldwell College
  Caldwell, NJ
- CUNY Queens College
  Queens, NY
- Fairleigh Dickinson University
  Teaneck, NJ
- Felician College
  Lodi, NJ
- Georgian Court College
  Lakewood, NJ
- Indiana University of Pennsylvania
  Indiana, PA
- Iona College
  New Rochelle, NY
- Juniata College
  Huntinggon, PA
- Keuka College
  Keuka Park, NY
- Keystone College
  La Plume, PA
Kings College
Wilkes-Barre, PA
Louisburg College
Louisburg, NC
Manhattan College
Riverdale, NY
Marywood University
Scranton, PA
Neumann College
Aston, PA
Ramapo College of New Jersey
Mahwah, NJ
St. John Fisher College
Rochester, NY
St. Thomas Aquinas College
Sparkill, NY
Shippensburg University
Shippensburg, PA
SUNY College at Cortland
Cortland, NY
University of Bridgeport
Bridgeport, CT
University of Hartford
West Hartford, CT
Utica College
Utica, NY
Villa Maria College
Buffalo, NY

Other Pre-Chiropractic Articulation Programs

In addition to the “3+1” programs described above, New York Chiropractic College maintains articulation agreements with selected institutions, leading to the assurance of admission to NYCC for students completing baccalaureate programs with a specified GPA and meeting all other admission criteria. These programs are designed to provide the exact preparation needed by students planning to enroll at NYCC. Please contact the NYCC Admissions Office for additional information about these programs.

SUNY at Buffalo
Buffalo, NY
West Chester University
West Chester, PA

Accelerated Science Sequence

Off-campus and on-campus Accelerated Science Sequences are designed for students who already have the basic academic preparation necessary for enrollment but lack some of the science prerequisites for the Doctor of Chiropractic program at New York Chiropractic College. The Accelerated Science Sequence helps persons changing careers and wishing to accelerate entry into the DC program. In this program, students may complete their science prerequisites in roughly one-half the normal time it takes to complete these courses at regular pace. This sequence is not appropriate for students seeking quicker entry into the chiropractic program who have not yet acquired a significant college background.

All accelerated science courses are scheduled to coincide with NYCC’s schedule for entry in September, January or May. Each of the science prerequisites is typically scheduled every semester, allowing students to register for up to four (4) classes each semester. NYCC may extend an early offer of admission (Provisional Acceptance) to those students who enroll in the Accelerated Science Sequence.

Duration of the Doctoral Program

The curriculum leading to the Doctor of Chiropractic (DC) degree requires a minimum of 10 trimesters of 15 weeks (three years, four months) of full-time resident study, including the clinical internship. This is the equivalent of five academic years; those students who want or need to complete the program over a period longer than this minimum may do so under the guidance of the Dean of Chiropractic. To be awarded the DC degree, it is mandatory that degree requirements be completed within seven calendar years of original matriculation.
**DOCTOR OF CHIROPRACTIC**

**SUMMARY OF COURSE HOURS**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>585</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>75</td>
</tr>
<tr>
<td>Physiopathology</td>
<td>345</td>
</tr>
<tr>
<td>Microbiology and Public Health</td>
<td>120</td>
</tr>
<tr>
<td>Diagnosis</td>
<td>540</td>
</tr>
<tr>
<td>Diagnostic Imaging</td>
<td>270</td>
</tr>
<tr>
<td>Clinical Laboratory</td>
<td>75</td>
</tr>
<tr>
<td>Associated Studies</td>
<td>150</td>
</tr>
<tr>
<td>Chiropractic Philosophy</td>
<td>195</td>
</tr>
<tr>
<td>Chiropractic Technique</td>
<td>615</td>
</tr>
<tr>
<td>Ancillary Therapeutic Procedures</td>
<td>90</td>
</tr>
<tr>
<td>Clinical Practice Issues</td>
<td>240</td>
</tr>
<tr>
<td>Clinical Experience and Outpatient Services</td>
<td>1,320</td>
</tr>
</tbody>
</table>

Total Core Hours                          4,620

Elective Courses                         225

**Total Core Hours & Elective Course Hours**   4,845
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Lecture Hours</th>
<th>Lab Hours</th>
<th>Contact Hours</th>
<th>Credits Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Trimester</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANA 6102</td>
<td>Cell &amp; Tissue Biology</td>
<td>4</td>
<td>2</td>
<td>90</td>
<td>5</td>
</tr>
<tr>
<td>ANA 6104</td>
<td>Neuroscience I</td>
<td>4</td>
<td>2</td>
<td>90</td>
<td>5</td>
</tr>
<tr>
<td>ANA 6105</td>
<td>Gross Anatomy I</td>
<td>3</td>
<td>4</td>
<td>105</td>
<td>5</td>
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<tr>
<td>PHL 6105</td>
<td>Reflections on Chiropractic</td>
<td>1</td>
<td>0</td>
<td>15</td>
<td>1</td>
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<tr>
<td>BCH 6101</td>
<td>Principles of Biochemistry</td>
<td>3</td>
<td>0</td>
<td>45</td>
<td>3</td>
</tr>
<tr>
<td>PHL 6101</td>
<td>Chiropractic Philosophy &amp; History</td>
<td>2</td>
<td>0</td>
<td>30</td>
<td>2</td>
</tr>
<tr>
<td>TCH 6101</td>
<td>Technique I: Psychomotor Skills</td>
<td>0</td>
<td>2</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>TCH 6102</td>
<td>Technique II: Intro to Palpation</td>
<td>0</td>
<td>2</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>17</td>
<td>12</td>
<td>435</td>
<td>23</td>
</tr>
<tr>
<td><strong>Second Trimester</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANA 6204</td>
<td>Gross Anatomy II</td>
<td>3</td>
<td>4</td>
<td>105</td>
<td>5</td>
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<tr>
<td>ANA 6205</td>
<td>Neuroscience II</td>
<td>4</td>
<td>2</td>
<td>90</td>
<td>5</td>
</tr>
<tr>
<td>BCH 6203</td>
<td>Biochemistry of Nutrition &amp; Metabolism</td>
<td>2</td>
<td>0</td>
<td>30</td>
<td>2</td>
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<tr>
<td>PHL 6203</td>
<td>Issues in Chiropractic Research</td>
<td>1</td>
<td>0</td>
<td>15</td>
<td>1</td>
</tr>
<tr>
<td>RAD 6203</td>
<td>Spinal Radiology</td>
<td>0</td>
<td>1</td>
<td>15</td>
<td>.5</td>
</tr>
<tr>
<td>PHY 6201</td>
<td>Systems Physiology</td>
<td>4</td>
<td>2</td>
<td>90</td>
<td>5</td>
</tr>
<tr>
<td>TCH 6203</td>
<td>Chiropractic Tech. III: Spinal Assessment &amp; Intro to Tech.</td>
<td>2</td>
<td>4</td>
<td>90</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>16</td>
<td>13</td>
<td>435</td>
<td>22.5</td>
</tr>
<tr>
<td><strong>Third Trimester</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td>ANA 6304</td>
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**TOTAL HOURS**: 146 174 4,845 233
DOCTOR OF CHIROPRACTIC
CORE COURSE DESCRIPTIONS

ANATOMY
(585 Hours)

ANA 6102

Cell and Tissue Biology
90 hours, 5 credits

A lecture and laboratory course that gives the student an essential understanding of the structure and functions of human body tissues, organs and systems. Focus is on the fundamental characteristics of the mammalian cell. The student will gain an appreciation of cellular structure and function, cell specialization, and the contribution of cells to the maintenance of homeostasis. Where appropriate, correlations with gross anatomy, physiology, biochemistry, pathology and chiropractic are included.

ANA 6105

Gross Anatomy I
105 hours, 5 credits

ANA 6204

Gross Anatomy II
105 hours, 5 credits

ANA 6304

Gross Anatomy III
105 hours, 5 credits

Prerequisite: ANA 6105

An integrated sequence of courses covering the gross anatomy of the human body, with a heavy emphasis on functional neuromusculoskeletal anatomy of the limbs and trunk, including osteology, arthrology, muscle action, innervation and blood supply. The sequence also includes a thorough examination of the visceral contents of the head and neck, thorax, abdomen, pelvis and perineum, with particular reference to clinical relevancy of portal-of-entry physicians. Each course will have lecture and laboratory each week.

ANA 6104

Neuroscience I
90 hours, 5 credits

A multidisciplinary approach integrating relevant topics in neuroanatomy, physiology, embryology, histology, endocrinology and introductory neuropathology. The lectures will be supplemented by laboratory exercises in neuroanatomy and neurophysiology, with emphasis on clinical correlation. The neuroanatomical and neurophysiological basis of chiropractic practice will also be explored.

ANA 6205

Neuroscience II
90 hours, 5 credits

Prerequisite: ANA 6104

A detailed analysis of neural function encompassing an integrated system approach. This course will include extensive coverage of neural anatomy, physiopathology, radiology and case studies in both lecture and laboratory.

BIOCHEMISTRY
(75 Hours)

BCH 6101

Principles of Biochemistry
45 hours, 3 credits

A lecture course introducing the basic chemical components found in the diet and/or utilized by the body. The structure and major biochemical functions of carbohydrates, lipids, nucleic acids, proteins, hormones and vitamins are explored.

BCH 6203

Biochemistry of Nutrition and Metabolism
30 hours, 2 credits

Prerequisite: BCH 6101

A lecture course involving the study of enzymes, enzymatic reaction, digestion and the major biochemical pathways involving carbohydrates, lipids, amino acids, nucleic acids and metabolism of xenobiotics. The relationship of these mechanisms to nutrition and to the health of the human body is stressed. Nutritional deficiencies and the resulting clinical consequences are introduced.
PHYSIOPATHOLOGY

(345 Hours)

PHY 6201

Systems Physiology
90 hours, 5 credits

A lecture and laboratory course that examines the function of the cardiovascular, respiratory, renal, digestive, endocrine and reproductive systems. The control of each of these physiological systems is discussed and analyzed, with an emphasis on clinical ramifications. The laboratory provides a practical understanding of normal functions of cardiovascular, respiratory and renal systems. Laboratory exercises include EKG, Spirometry and Renal Clearance, which are integrated with clinical problem solving.

PHY 6302

Principles of Physiopathology
90 hours, 5 credits

Prerequisite: PHY 6201

A lecture and laboratory course that gives the student a basic understanding of physiology at the cell and tissue level and provides an introduction to pathology and the process of disease through the application of physiologic principles. Adaptive responses of cells and tissues, cell injury and death, neoplasia, immune response, inflammation and repair, genetic disorders, and fluid and hematological disorders are explored using a problem-solving format.

PHY 6404

Musculoskeletal Physiopathology
90 hours, 5 credits

Prerequisite: PHY 6302

A lecture and laboratory course that provides for the study of normal physiology and pathology of bone, joint, muscle and endocrine systems. This will lead the student to a practical understanding of normal function, dysfunction and disease. Laboratory exercises focus on physiologic, pathologic, radiographic and clinical presentations. Through correlating lecture material and the laboratory experience, the student will be expected to develop a practical knowledge of the musculoskeletal (MS) system.

PHY 6405

Visceral Pathology
75 hours, 4 credits

Prerequisite: PHY 6302

A lecture and laboratory course in which the student will develop comprehensive knowledge of disease processes, their causes and their clinical effects. Structural abnormalities of the cells and tissues at the gross and microscopic levels will be stressed.

MICROBIOLOGY AND PUBLIC HEALTH

(120 Hours)

MPH 6301

Clinical Microbiology
75 hours, 4 credits

A lecture and laboratory course that focuses on the structure, biochemistry and genetics of organisms associated with human infectious disease. Modes of transmission, epidemiology, mechanisms of specific and nonspecific host resistance, methods of disinfection and prevention are emphasized.

MPH 6402

Environmental Health
45 hours, 3 credits

A lecture course that presents current topics of concern in both public and environmental health. Course topics include a study of public health, toxicology, and environmental concerns – such as water and air pollution – that impact the public health. Classroom discussion and analysis of the current literature are integral parts of the lecture presentation.

DIAGNOSIS

(540 Hours)

DIA 6403

Patient Assessment Methods I
105 hours, 5 credits
A course designed to introduce the chiropractic student to the components and techniques of history taking, the development of a differential diagnosis list, the complete neurological evaluation of central and peripheral neural structures, and the comprehensive orthopedic and vascular evaluations of the spine and extremities. All course topics are integrated by chief complaint and history taking.

DIA 6502

*Patient Assessment Methods II*

90 hours, 4 credits

A lecture and laboratory course in which the student further refines case history-taking skills and develops examination skills of the integumentary, respiratory, cardiovascular, gastrointestinal, genitourinary and endocrine systems. Normal findings as well as common abnormal findings will be presented and discussed.

DIA 6606

*General Diagnosis*

45 hours, 3 credits

Prerequisites: DIA 6403, DIA 6502, RAD 6504

A lecture course focusing on common chief complaints which may present to the chiropractors office for an initial diagnosis. Emphasis will be placed upon the details and practical application of history taking, patient interaction, formulating a differential diagnosis, selecting appropriate diagnostic examination procedure(s) and interpreting collective data to formulate a final diagnosis for the patient. Appropriate treatment and co-management plans will be mentioned.

DIA 6605

*Correlative Patient Assessment*

60 hours, 2 credits

Prerequisites: DIA 6403, DIA 6502

A laboratory course focusing on organizing a strategy to evaluate and diagnose various patient complaints which may present to the chiropractors office for an initial diagnosis. Emphasis will be placed upon the details and practical application of history taking, patient interaction, formulating a differential diagnosis, selecting appropriate diagnostic examination procedure(s) and interpreting collective data to formulate a final diagnosis for the patient. Appropriate action steps such as treatment and co-management plans will be mentioned.

TCH 6604

*Flexion Distraction Technique*

60 hours, 3 credits

Prerequisites: DIA 6403, TCH 6508

Corequisites: ATP 6603, ATP 6604

A technique lecture and lab course that covers the epidemiology, biomechanics, diagnosis, treatment and management of conditions affecting the lumbar and cervical spine. Strong emphasis will be placed on assessment and treatment utilizing flexion distraction.

TCH 6705

*Evidenced Based Clinical Case Management*

60 hours, 3 credits

Prerequisites: TCH 6604, ATP 6603, ATP 6604

An integrative course that covers the management of conditions common to chiropractic practice. The course will utilize “best practice” guidelines based on current literature. This course will cover treatment plans, frequency and duration of care and assessment of the patient condition. Treatment plans will include appropriate imaging algorithms and referral algorithms. These treatment plans will utilize the Educational and Patient Care Protocols for the New York Chiropractic College Health Centers and review current studies which evaluate treatment methods.

TCH 6706

*Diagnosis and Management of Extremities Conditions*

60 hours, 3 credits

Prerequisites: TCH 6305, ATP 6604, DIA 6403

An integrative diagnosis and
technique lecture and laboratory course that emphasizes the assessment, treatment and management of extraspinal disorders.

DIA 6708

Human Developmental Diagnosis
60 hours, 4 credits

A lecture course focusing on normal and abnormal development of the human throughout life. Common physical problems and disorders of conception, pregnancy, infancy, childhood, and the aged are addressed with emphasis on chiropractic care of the individual throughout life. A two-hour presentation on child abuse is included.

Diagnostic Imaging
(270 Hours)

RAD 6203

Spinal Radiology
15 hours, .5 credit

A laboratory course with focus upon plain film radiography of the spine and pelvis. The course emphasizes normal anatomy, common congenital anomalies, variants of normal, and mensuration procedures of the spine and pelvis.

RAD 6304

Extremities Radiology
15 hours, .5 credit

Prerequisites: RAD 6203, ANA 6204

A laboratory course with focus upon plain film radiography of the upper and lower extremities. The course emphasizes normal anatomy, common congenital anomalies, variants of normal, and mensuration procedures of the extremities.

RAD 6504

Bone and Joint Imaging
120 hours, 6 credits

Corequisite: DIA 6502

A lecture and laboratory course focusing upon the recognition, interpretation and reporting of normal and pathological changes revealed by radiography and other imaging methods. The main areas of pathology include neoplastic, inflammatory, metabolic, arthritic and traumatic changes in the tissues of the skeleton and articulations. Correlation with CT, MR and other specialized diagnostic-imaging methods is also introduced in this course.

RAD 6608

Principles of Diagnostic Imaging
30 Hours, 2 credits

This lecture course addresses the principles of x-ray production and their effects. The radiation protection principle of issuing ionizing radiation “as little as reasonably achievable” (ALARA) is emphasized. The course concentrates on the best available techniques for achieving desirable radiographs with minimal radiation to the patient.

RAD 6610

Radiographic Examination
30 hours, 1 credit

Corequisite: RAD 6608

A laboratory course in radiological positioning procedures. Emphasis will be placed upon preparing the student to obtain diagnostic quality plain film radiographs of the spine and extremities. Proper operation of radiographic equipment, patient positioning, as well as operator and patient radiation protection will be emphasized.

RAD 6705

Advanced Imaging
60 hours, 3 credits

A didactic and laboratory course designed to introduce the student to advanced diagnostic procedures related to the practice of chiropractic. The course is divided into two sections: (1) Imaging Protocols and Advanced Imaging, focusing on spinal topics that include MRI, CT, Myelography, Nuclear medicine, SPECT, and PET; (2) Diagnostic Imaging of pathologic conditions of the abdomen and chest.
**Clinical Laboratory (75 Hours)**

DIA 6508

Clinical Laboratory Diagnosis
75 hours, 4 credits

A lecture and laboratory course that focuses on the pathophysiologic basis and clinical interpretation of diagnostic laboratory tests. Emphasis is placed upon the clinical presentation and relevant laboratory findings in order to establish a differential or definitive diagnosis. Routine lab testing – including urinalysis, CBC, blood chemistries, serology, and immunology – will be presented. Special laboratory procedures and new laboratory methodologies will also be introduced. Venipuncture technique will be presented in the laboratory portion.

**Associated Studies (150 Hours)**

AST 6304

Basic Human Nutrition I
30 hours, 2 credits

Prerequisite: BCH 6203

This lecture course deals with the study of food sources of basic nutrients for human life. The digestion and metabolism of carbohydrates, lipids and proteins, as well as the intermediary metabolism, will be reviewed. Emphasis is placed on the role and requirements of minerals, vitamins and common herbs in human nutrition. Health effects of sugars, lipids and proteins will be discussed.

AST 6504

Basic Human Nutrition II
15 hours, 1 credit

Prerequisite: AST 6304

This lecture course deals with nutrition and weight control; causes and treatment of obesity; eating disorders – Anorexia Nervosa and Bulimia Nervosa; vitamin interactions, deficiencies and toxicity; mineral deficiencies and toxicities; nutrition during infancy, childhood, adolescence, and nutrient needs of older adults; nutrition during lactation, and malnutrition and pregnancy; and nutrition and metabolic responses during severe stress.

AST 6802

Clinical Psychology
30 hours, 2 credits

Course is being offered online as an independent study, web-based course. Clinical psychology in practice, general concepts, psychological assessment, mental/emotional disorders and behavioral management strategies will be covered. The course will focus on a biological and psychosocial perspective on human behavior and its application in clinical practice.

AST 6806

Concepts in Pharmacology
30 hours, 2 credits
An introductory lecture series presenting basic principles of clinical pharmacology. The course is designed to familiarize the student with the most commonly used pharmaceuticals, their actions, indications, contraindications, side effects and adverse effects as well as the chiropractic implications of same.

**Chiropractic Philosophy (195 Hours)**

**PHL 6101**  
*Chiropractic Philosophy & History*  
30 hours 2 credits

A lecture course in which the history of chiropractic is traced from its origins to the present day. The basic concepts of chiropractic philosophy as they were originally formulated and as they have evolved to present-day scientific thinking are discussed at length.

**PHL 6105**  
*Reflections On Chiropractic*  
15 hours 1 credit

A course for students entering the Doctor of Chiropractic degree program to assist in the orientation of resources and expectations at New York Chiropractic College. This course will assist students in identifying the trends of the profession and their individual goals.

**PHL 6203**  
*Issues in Chiropractic Research*  
15 hours 2 credits

This course will provide chiropractic students with the basic knowledge and skills necessary to be an educated consumer of the professional literature. It will enhance the student’s understanding of evidence-based practice and the value of research to the practicing chiropractor and to the chiropractic profession.

**PHL 6304**  
*Chiropractic and Philosophy*  
30 hours 2 credits

This is a lecture and discussion course in which the student is introduced to various components of academic philosophy in light of both historical chiropractic philosophy and modern philosophical discourse. The subject matter applies to philosophical issues within the profession as well as in the scientific community and the public square. Emphasis is placed on logic, ethics, philosophy of science, and the relationship between science and metaphysics. The primary goal is to equip students to examine their worldviews and grasp the implications of their choices about a variety of ethical and metaphysical issues in chiropractic.

**PHL6405**  
*Chiropractic Theories*  
45 hours 3 credits

This course combines chiropractic and academic philosophy with current scientific thought and clinical research about the reasons for the benefits and successes of the chiropractic profession and paradigm. Various theories about chiropractic subluxations are surveyed for specific subluxation hypotheses as well as the scientific evidence supporting these claims. Also surveyed are the purported etiologies of subluxations, as well as possible mechanisms to explain why chiropractic adjusting/manipulation succeeds in improving health and well-being.

**PHL6605**  
*The Scientific Basis for Chiropractic Care*  
30 hours 2 credits

The Scientific Basis for Chiropractic Care is a capstone course that will integrate and expand on the knowledge and skills acquired in previous principles courses. The scientific basis for a patient-centered and scientifically based chiropractic philosophy will be presented. The course material represents the current peer-reviewed literature in multiple scientific fields establishing the basis of the subluxation and for chiropractic care of the symptomatic and asymptomatic patient.
PRI 6705

*Patient Communication*

30 hours, 2 credits

A lecture and discussion course that presents a variety of effective methods of communication with individuals or groups of people. Students practice communication skills with each other and in front of the class.

**Chiropractic Technique**

(615 Hours)

TCH 6101

*Chiropractic Technique I: Psychomotor Skills*

30 hours, 1 credit

An introductory laboratory course in which the student begins to develop those psychomotor skills necessary for proper stance, palpation, speed and dexterity – all critical for delivery of the chiropractic adjustment. Biomechanics and specific psychomotor techniques as they relate to both the doctor and the patient are introduced and assessed.

TCH 6102

*Chiropractic Technique II: Introduction to Palpation*  
30 hours, 1 credit

Corequisite: ANA 6105

Introduction to palpation is a laboratory course designed to introduce the student to the basics of palpation. The location and identification of the bony structures of the vertebral column, the pelvis, and the superficial musculature of the back and neck are emphasized. The concepts of layer palpation and postural evaluation are introduced. The student will also be introduced to topographical extremity palpation. The information received in this course will lay the foundation for all techniques the student of chiropractic will learn.

TCH 6203

*Chiropractic Technique III: Spinal Assessment and Introduction to Techniques*  
90 hours, 4 credits

Prerequisites: TCH 6101, TCH 6102, ANA 6105  
Corequisite: RAD 6203

A lecture and laboratory course that integrates spinal biomechanics, assessment and basic chiropractic adjusting skills. Emphasis is placed on static and motion palpation, developing tissue sense, psychomotor skills, and basic spinal and pelvic adjustive techniques. Contraindications to spinal adjustments and screening tests are discussed, demonstrated and practiced.

TCH 6304

*Chiropractic Technique IV*  
90 hours, 4 credits

Prerequisite: TCH 6203  
Corequisite: PRI 6305

A lecture and laboratory course that focuses on chiropractic assessment and adjustment of the axial skeleton. Essential biomechanics and functional anatomy are reviewed and principles of adjustive techniques discussed. Patient assessment skills include history, range of motion, palpation, postural and gait analysis, and soft tissue considerations. Continued emphasis is placed on tissue sense, psychomotor skills, and basic spinal and pelvic adjustive techniques. Soft-tissue diagnosis and treatment is also introduced.

TCH 6305

*Extremities Technique I*  
45 hours, 2 credits

Prerequisites: ANA 6204, TCH 6203  
Corequisite: RAD 6304

A lecture and laboratory course focusing on biomechanics, assessment and treatment of the lower extremities. Emphasis will be placed on mechanical diagnosis, which will include history, range of motion, palpation, postural and gait analysis, and soft-tissue considerations. Tissue sense will be developed and delivery skills and adjustive techniques practiced.
TCH 6406

*Extremities Technique II*

45 hours, 2 credits

Prerequisite: TCH 6305

A lecture and laboratory course focusing on biomechanics, assessment and treatment of the upper extremities. Emphasis will be placed on mechanical diagnosis which will include history, range of motion, palpation, postural and gait analysis and soft tissue considerations. Tissue sense will be developed and delivery skills and adjutative techniques practiced.

TCH 6407

*Chiropractic Technique V*

90 hours, 4 credits

Prerequisites: TCH 6304, ANA 6204

A lecture and laboratory course that continues to emphasize chiropractic assessment and treatment skills. Focus is on the axial skeleton with an introduction of the appendicular skeleton and the closed kinematic chain. Essential biomechanics, functional anatomy and adjutative technique principles are reviewed. Emphasis continues on developing tissue sense, delivery skills, and basic and intermediate adjutative techniques; in addition advanced adjutative techniques are introduced and practiced. Diagnosis and practical management considerations for common neuromusculoskeletal conditions related to the cervical spine are discussed. The relative efficacy and safety of commonly used clinical treatments for various cervical spine disorders is discussed in detail. Students are introduced to clinical reasoning skills that will assist in identifying contraindications for conservative management of spine-related conditions.

TCH 6508

*Chiropractic Technique VI*

90 hours, 4 credits

Prerequisite: TCH 6407

A lecture and laboratory course that expands upon soft-tissue assessment and treatment. A variety of soft-tissue procedures are studied and practiced.

TCH 6512

*Postural Assessment*

15 hours, 1 credit

Prerequisites: ANA 6204, PRI 6305, TCH 6305, TCH 6304

Basic principles and concepts of posture and dynamic stabilization in chiropractic diagnosis, treatment, rehabilitation and patient education are expanded upon. Skills in muscle-length assessment, movement-pattern assessment, and chiropractic manual diagnosis are practiced and correlated. Clinical presentations of painful conditions common to chiropractic practice are discussed, as well as conditions affecting the functioning of the neuromusculoskeletal system as a whole.

TCH 6610

*Contemporary Concepts in Chiropractic Technique/Practice Lab*

30 hours, 1 credit

Prerequisites: TCH 6406, TCH 6508

This laboratory course will focus on allowing students to continue to review, practice and refine previously studied techniques, as well as on
presenting an alternative model of the subluxation (or chiropractic manipulable lesion) in the application of some of those techniques.

**Ancillary Therapeutic Procedures (90 Hours)**

**ATP 6603**

*Passive Care*  
45 hours, 2 credits

This course provides a description of various modalities commonly found in practice that are used for pain control, edema reduction, enhanced healing, muscle spasm reduction and muscle strengthening. Lecture material will cover physiologic effects, indications, contraindications and proper techniques for using the covered modalities while laboratory time will provide the opportunity to practice the application of the modalities for a variety of conditions to different areas of the body. The National Board exam in Physiotherapy will also be discussed.

**CLP 6806**

*Ethics, Practice Management and the Law*  
30 hours, 2 credits

An online, independent study course consisting of discrete units of material covering legal and ethical issues within chiropractic, together with regular assessments. An initial orientation session introducing the students to the use of the online delivery system is provided via the distance learning in each of the outpatient health centers.

**CLP 6905**

*Getting Into Practice*  
30 hours, 2 credits

This course will provide information about the variety of practice types and opportunities commonly available to chiropractors. Information provided is intended to furnish students with a sound foundation for making appropriate choices and developing professional relationships in order to begin a successful career in the chiropractic field.

**Clinical Practice Issues (90 Hours)**

**CLS 6601**

*Introduction to Student Clinic*  
15 hours, 1 credit

This course is designed to provide the necessary information on health center policies and procedures that the student will need to function as an intern in the health centers. Health center forms will be introduced and the case-clearing process will be discussed. Proper record keeping and documentation will be covered through both lecture and practical exercises, with emphasis on their relationship to patient care and the doctor of chiropractic’s legal and moral responsibilities to the patient.
CLS 6701

*Introduction to Clinical Services*

105 hours, 4 credits

Prerequisite: Must have completed all course work through the sixth trimester.

In this lecture and practical course, students are introduced to the procedures, protocols and requirements of the campus and outpatient-care facilities. Students begin the process of active patient care by evaluating and providing services to fellow students under supervision of the clinical faculty. Case-history taking, physical, radiological and laboratory examination, and diagnosis and development of a patient-management plan are stressed.

CLS 6804

*Clinical Service Phase I*

330 hours, 12 credits

Prerequisites: CLS 6601, CLS 6701 and must have completed all course work through the seventh trimester.

Under close supervision and guidance of licensed faculty clinicians, interns are engaged in the various aspects of clinical practice, including the evaluation and management of health center patients. As interns achieve quantitative procedural requirements, the faculty provides qualitative evaluation and feedback regarding developing competencies. The practical aspects of patient care are supplemented by a variety of presentations and exercises intended to enhance and reinforce clinical knowledge and skills.

CLS 6904

*Clinical Service Phase II*

450 hours, 16 credits

Prerequisite: CLS 6803

Interns continue to be progressively engaged by clinical faculty members in the various aspects of clinical practice while receiving periodic qualitative evaluation and feedback regarding their development of required clinical competencies. The practical experiences of patient interactions are supplemented by presentations and exercises intended to enhance and reinforce clinical knowledge and skills.

CLS 7006

*Clinical Service Phase III*

420 hours, 15 credits

Prerequisite: CLS 6904

Interns continue to be engaged by faculty clinicians in the various aspects of clinical practice while completing their quantitative and qualitative clinical graduation requirements. Practical aspects of patient care experiences are supplemented by presentations and exercises intended to assist students’ transition to the field.

**BUSINESS PRACTICE MANAGEMENT**

BPM 6601

*Business Practices*

30 hours, 1 credit

BPM 6701

*Coding, Billing & Documentation*

60 hours, 2 credits

BPM 6801, 6901

*Online Billing Lab I, II*

60 hours, 2 credits

BPM 7001

*Marketing a Clinical Practice*

30 hours, 2 credits

The Business and Practice Management curriculum integrates business theory and application to the clinical setting. Courses focus on healthcare business and operational best practices, patient education, and practice economics to prepare students for the financial realities of running a natural healthcare practice.

**ELECTIVE COURSE DESCRIPTIONS**

The elective program is designed to be dynamic and responsive to changes within chiropractic education and healthcare. The scope and frequency of elective
course offerings are dependent upon student interest and faculty expertise and availability.

ANA 6504

*Craniofacial Biology*

*15 hours, 1 credit*

Prerequisite: Completion of the core basic sciences

This lecture course will review the basics of craniofacial growth and lay the foundations to understand common craniofacial malformations such as cleft lip and palate, craniosynostoses, and pharyngeal arch syndromes. Furthermore, growth and dysfunction of the temporomandibular (TMJ) joint and the inner ear will be explored. Chiropractic faculty will present three lectures, and they will discuss diagnosis and treatment aspects of craniofacial problems and cranial adjusting techniques.

ANA 6505

*Forensic Osteology*

*15 hours, 1 credit*

This course will provide an overview of the skeletal features that can be used to help identify victims of accidents and crimes in forensic cases when identification is not possible by other means. These methods include estimating age at death, sex, ethnic background, stature and even facial features. This information is critical for those interested in working with or as coroners and other law enforcement officials.

ANA 6514

*Advanced Arthrology and Bone Mechanics*

*15 hours, 1 credit*

This course is an advanced discussion of the joints of the human body and the mechanical properties of the tissues of the skeleton: bone, cartilage, tendons, and ligaments. The primary emphasis of the course will be the synovial joints of the axial and appendicular skeleton and the solid joints of the vertebral column (discs and ligaments). The course will be in a lecture format, with laboratory presentation of relevant prosected materials.

ANA 6520

*Mechanics and Pathomechanics in Craniofacial Complex*

*15 hours, 1 credit*

This course will review the biomechanics of skeletal muscle and cartilage. The process of mastication, vocalization and deglutition will be defined. Normal muscle function will be discussed (mechanics), followed by abnormal muscle function (pathomechanics) so that students can appreciate how pathomechanics interferes with the normal process of mastication, vocalization and deglutition.

ANA 6522

*Mechanics and Pathomechanics of the Pelvis and Lower Extremity*

*15 hours, 1 credit*

This course present functional anatomy (a discussion based upon kinesiology and moment arms) of the pelvis and lower extremity. Normal mechanics will be described for the pelvis and lower extremity within the context of the pelvic floor dysfunction, hip, knee, ankle, and foot. After normal mechanics are discussed, pathomechanics are examined for each ROM at a joint. Specific reference will be made to what happens at that joint when a particular muscle is weak or tight. The course will end with a discussion of the gait cycle and how it is altered by the pathomechanics presented earlier in the course.

ANA 6606

*Clinical Anatomy*

*45 hours, 3 credits*

This course is a review of gross anatomy coupled with clinical exposition on applied anatomical topics. The gross anatomy review will be coupled with various clinical conditions students are likely to encounter in their practice. The lecture portion will concentrate on describing common musculoskeletal conditions. The laboratory aspect will identify anatomical structures.

AST 6510

*Be Healthy, Buy Healthy, Cook Healthy*

*30 hours, 2 credits*

This course allows the student interested in nutrition to further
pursue how to practically use nutrition learned in the curriculum. Emphasis will be on how to shop for, prepare and design a proper nutritional diet. Exercise and its effects on the basal metabolic rate will also be discussed in reference to nutrition.

**AST 6515**

*Bioterrorism and Public Health*

15 hours, 1 credit

This course is designed to introduce the healthcare practitioner to the potential of bioterrorism and how to react to it. The course will look at the history and development of biological and chemical warfare and their uses in bioterrorism. It will discuss the types of bioterrorism, such as toxins, biologicals and chemicals. Emphasis will be on the use of biological agents that are possible terrorist weapons. The course will discuss biodefense capabilities that exist today. Also reviewed will be the defense of food and water supplies, and the preparations and plans the healthcare community should have in the event of a bioterrorism attack.

**AST 6517**

*Practical Rheumatology for Chiropractors*

15 hours, 1 credit

This course will address common rheumatic conditions seen in chiropractic offices. Identification and recognition of conditions will be discussed. Students will be able to identify physical, environmental and psychological considerations that impact rheumatology patients and their families. There will be focus on patient quality of life and coping skills.

**AST 6550**

*Women’s Healthcare Issues*

30 hours, 2 credits

This course is designed to allow students to gain an understanding of the aspects of human biology and healthcare that are uniquely female. The course material will include information on the role of healthcare in a woman’s life. Topics such as research funding for women’s health issues will be discussed. Basic information on female anatomy and physiology will be studied; however, the focus will be on issues of medicine and science relating to women. Major diseases that affect women – such as cardiovascular disease, osteoporosis, lung and breast cancer – will be studied. The role of scientific research and patient education will be explored. In addition, major diseases that are associated with each system of the body and most commonly occur in women will be studied. Issues surrounding the female sexual response, pregnancy and infertility will be explored. Mental health issues will also be studied.

**AST 6551**

*Chiropractic Perspectives in Women’s Healthcare Issues*

This course will enhance the student’s capability of providing a more well rounded, holistic treatment program for female patients. Addressed are conditions which frequently, if not exclusively, affect women.

**AST 6556**

*Preparation as a College Educator*

30 hours, 2 credits

This interactive course will explore the elements of how to prepare and deliver courses at the college level. The content will include adult education theories, current educational research and course design. Class discussion and projects will include practical and theoretical aspects of course design including: parameters of learning objectives and syllabus design, decisions in course content, preparation and delivery, assessment design, analysis and grading and issues of instructional inclusiveness.

**AST 6558**

*Food as Medicine*

30 hours, 2 credits

This course is designed to provide an in-depth history of food used as medicine. Ancient Aryuvedic, Chinese, and Native American use of food and herbs will be explored as well as modern day applications. Food sources, organic versus inorganic farming and the effects of food processing on nutrition will be explored. The possible effects different
diets (macrobiotic, vegan, carnivorous, etc.) have on health will be examined. Integration of the use of this information in the chiropractic practice will be demonstrated.

AST 6710

Clinical Correlations Overview
30 hours, 2 credits

Prerequisite: The learner should have successfully completed all 6th trimester coursework.

This course is designed to assist students in the review process of clinical correlations. The course is offered as a guided self study. The learners will gain personal insight of how to best prepare and integrate clinical information both cognitively and behaviorally. The course will also assist in reviewing and refining the learners’ clinical correlations skills in radiology, orthopedics, neurology, physical examination procedures and chiropractic technique.

AST 6818

Comprehensive Clinical Review
45 hours, 3 credits

The purpose of this course is to help the upper-trimester students prepare for their National Board Part IV examinations. The content of this course will be an overview of common radiological conditions that present on a somewhat regular basis. The course will also review and clinically correlate – through case study presentations – both orthopedic tests and neurological evaluation. History taking procedures will also be worked on through actual history taking and follow-up valuation of the history. Some common technique listings as presented on the boards will be reviewed.

DIA 6537

Clinical Pediatric Chiropractic Care
15 hours, 1 credit

A lecture and discussion course – with some laboratory time – that presents concerns and problems affecting the pediatric population. The areas in which chiropractic can intervene will be thoroughly discussed, utilizing academic and clinical knowledge and examples. Topics covered will include, but are not limited to, anatomy and physiology of the neonate and young child, radiological considerations of the child, diagnostic laboratory tests and findings, and chiropractic techniques designed to deliver a safe chiropractic adjustment. Topics will be integrated in a case study format for half of the course. Students will gain a greater appreciation of pediatric diagnostic ability and corrective care.

DIA 6551

Meridian Therapy
45 hours, 2 credits

Meridian Therapy is a lecture and lab course that introduces the student to the identification and utilization of acupuncture points that may be useful in the management of a myriad of disorders. The course emphasizes the identification and location of acupuncture points that can be stimulated in alternative ways other than traditional acupuncture needling. Fundamental approaches to treating meridians such as the use of established empirical formulae, balancing the energy within the meridians, and a combination of the two approaches will be presented. Topics to be covered beyond point identification will be on non-needle methods of stimulation such as pressure, percussion, electric stimulation, and heat applications. One of the goals of this course is to promote appreciation for integrative practices and provide the student with simple clinical tools quite useable in practice.

DIA 6552

Introduction to Electrodiagnostics
60 hours, 3 credits

This lecture and lab course is designed to offer the upper-trimester chiropractic student a fundamental background in the selection, performance and interpretation of needle electromyography and nerve conduction studies.

DIA 6554

Developmental Pediatrics
30 hours, 2 credits

This course is designed to
emphasize the growth of the child from birth to adolescence. Individual organ or system changes during the growth period and their physiological impact on the growing child are stressed. Due to changes in structure of individual organs or systems, certain types of diseases are common in different age groups. These conditions are explained.

DIA 6557
Introduction to Homeopathic Therapeutics
30 hours, 2 credits
This is a lecture course that introduces basic principles and practical therapeutics of homeopathy in the care of first aid, acute illnesses and selected neuromusculoskeletal conditions. The emphasis is to prepare the student in understanding the basic applications of this form of therapy and how to make recommendations for their use in clinical practice and/or for personal health care. In addition it provides the student with information relevant to educating and understanding patients who may be utilizing this type of therapy as a self-help treatment. The history and philosophy of this form of therapeutics will be introduced. Current literature in research and practice will also be discussed.

DIA 6564
Survey of Complementary and Alternative Medicine Therapies
30 hours, 2 credits
This is an online survey course designed to introduce students to complementary and alternative therapeutic approaches to healthcare. Major systems of healing will be addressed such as Traditional Chinese Medicine, Naturopathy, Homeopathy, Botanical medicine (East, West, Native American), and Tibetan medicine. Other systems of therapeutics such as somatic therapies, nutritional approaches to disease management, spiritual practices, hypnosis and meditation will also be introduced.

DIA 6565
Diabetology
15 hours, 1 credit
This course is designed to enhance the students’ understanding of Diabetes Mellitus in detail including the nutritional management, medications used in Diabetes, drug interactions, metabolic control and metabolic emergencies in Diabetes.

DIA 6566
Tunnel Syndromes Diagnosis and Management
15 hours, 1 credit
A lecture course designed to provide a comprehensive overview regarding the identification and treatment options for canal and tunnel syndromes and other neural and neurovascular entrapment syndromes. The course will provide examples of conditions from a clinical perspective, with emphasis on identifying causes and preventative strategies, chiropractic management and other approaches to management. Discussion of conditions will consist of topics ranging from anatomy, functional neurology, ergonomics and biomechanics, and some physiology. Examination strategies will include history taking, typical and special physical, neurological and orthopedic examination procedures, radiographic and special imaging studies, and some laboratory testing procedures. Management options include chiropractic adjusting and manipulative therapy, soft tissue treatments, ancillary treatments, physical therapy including strengthening and stretching, splints and supportive devices, and several medically oriented
approaches. Additional discussion includes options for co-management of surgical and cases involving medical intervention.

DIA 6568

Ergonomics/Human Factors
30 hours, 2 credits

A lecture course in which the student will learn to evaluate an environment and how that environment (typically a work environment) will impact a given person. Students will develop the ability to analyze a specific environment, evaluate required tasks of a given job description, and examine an employee for the purpose of developing a safety and/or prevention program. Classes will include lectures and practical exercises, with emphasis on integrating previously accumulated knowledge and skills with those developed in the course.

DIA 6653

Advanced Clinical Neurology
15 hours, 1 credit

A lecture intended to improve the level of knowledge and diagnostic skills of the chiropractic student with respect to chiropractic applications of treatment, treatment protocols complementary to the spinal adjustment, nuances in examination procedures, and mechanisms of neurological activity. This will be accomplished by focusing on specific clinical topics and patient presentations, reviewing appropriate anatomy and neural mechanisms, and discussion of treatment protocols.

DIA 6656

Advanced Concepts in Geriatrics I
30 hours, 2 credits

This course expands upon the core curriculum geriatric course hours in human development by adding additional hours of geriatric specific education and training. The course seeks to better prepare students in the area of geriatrics for clinical opportunities available through the college’s clinics such as Monroe Community Hospital, the Buffalo VA hospital and Salvation Army clinics as well as for future clinical practice. A strong emphasis is placed upon national public health initiatives and objectives in the areas of cardiovascular disease management and prevention, the application of functional assessments and the prevention of falls in the geriatric patient. Specific geriatric concerns and disorders will be presented in the various systems of the body that are not covered in the core curriculum course of human development. Chronic diseases, psychosocial issues, and end of life issues will be some of the topics discussed.

Case studies, problem solving exercises, and utilization of Internet materials will be part of the instructional methods used to deliver course content.

DIA 6750

Hospital Procedures and Protocol
15 hours, 1 credit

The purpose of this course is to provide the core knowledge bases necessary in the chiropractic academic environment so that the graduate practitioner is comfortable with and able to function smoothly in a hospital setting, and able to build and integrate a chiropractic practice from within a hospital. Students must realize that in order to participate in a hospital setting, they will be required to follow infection-control rules and regulations established by federal and state agencies and may require screenings and immunizations.

DIA 6752

Clinical Dermatology
45 hours, 3 credits

This lecture course deals with learning primary and secondary skin lesions. The normal anatomy and physiology of skin will be reviewed. Emphasis is placed on the common skin abnormalities. Skin growths are common, and it is important to recognize their features. The course also involves the cutaneous changes most often associated with systemic conditions.

DIA 6851

Advanced Athletic Assessment Management
45 hours, 3 credits
Prerequisites: TCH 6520, TCH 6522

Students in this course will be evaluated in clinical competencies including, but not limited to, history taking, preparticipation and on-field examination, acute-injury assessment, re-evaluation, chiropractic adjustment, adjunctive therapy, exercise and rehabilitation, diagnostic imaging, professional management of athletic injury-type cases, taping and wrapping procedures, and first-aid and emergency procedures.

PRI 6512

Health Promotion and Wellness
30 hours, 2 credits

Overview of current health information (e.g., HP 2010) concerning the impact of personal responsibility and lifestyle on patient health issues. This course focuses on disease prevention and wellness promotion through education, modification of risk factors, and behavioral changes. Topics include, but are not limited to: chronic and communicable disease, communication, nutrition, stress management, psychological and environmental health. Special focus will be made in to relate these factors to the chiropractic realm and how these topics influence the delivery and practice of chiropractic within the healthcare model.

PRI 6810

Healer’s Art
15 hours, 1 credit

Educational objectives include reinforcing the human dimensions of the student practitioner, preventing burnout and strengthening a sense of personal mission and meaning in professional work. By nature the course is heavily experiential and participatory based via small group workshops facilitated by faculty members.

TCH 6518

The Study of Elite Sports Science at the Lake Placid Olympic Training Center
15 hours, 1 credit

The purpose of this course is to teach the student current practices in elite athlete development with the inclusion of chiropractic care in the role of performance enhancement and restoration and regeneration. The student will also be introduced to current practices and application of training theory and sport science as they apply to the development of speed, strength, power and endurance in the elite athlete.

TCH 6520 & TCH 6522

Sports Chiropractic Intern Programs
Modules I and II
Each module: 15 hours, 1 credit

Modules I and II will develop a consistent standard of care by the students who chose to participate in off-campus chiropractic care at supervised events. Potential treatment opportunities are divided into three tiers, depending on the most common presenting complaints and the diagnostic complexity of these presenting complaints.

TCH 6530

Activator Methods Chiropractic Technique
75 hours, 3 credits

Activator Methods will expose
students to Activator Methods Chiropractic Technique. Both the assessment methods and the use of the Activator instrument will be learned. The course will cover both the Basic Scan and the Advanced Techniques used to address specific chief complaints associated with the spine and the extremities commonly treated in clinical chiropractic practice.

TCH 6535

*Drop Table Technique*

*75 hours, 3 credits*

The course is designed to explore adjutse procedures and patient management using the drop table. Techniques taught will include, but will not be limited to, HIO and Thompson. The course will address full spine care, extremity adjusting, and special needs patients such as pediatrics, geriatrics, pregnant patients, etc.

TCH 6551

*Introduction to Applied Kinesiology*

*15 hours, 1 credit*

This is a survey course designed to provide an overview of the principles of Applied Kinesiology. Applied Kinesiology is a diagnostic system that uses the neuromusculoskeletal system to augment normal examination procedures. An Applied Kinesiology examination depends upon knowledge of functional neurology, anatomy, physiology, biomechanics and biochemistry and is combined with standard physical, neurological and orthopedic examination procedures, laboratory findings, x-rays and history taking.

TCH 6560

*Sacro Occipital Technique I*

*15 hours, 1 credit*

The student enters this course on the basis that they wish to become extremely proficient in the use of Sacro Occipital Technique. Basic principles of the SOT procedure are covered in detail. This is a practical course. The student will be able to practice the application of this procedure proficiently.

TCH 6565

*Yoga in a Chiropractic Setting*

*30 Hours 1 Credit*

This elective course is designed to introduce chiropractic students to the basic precepts of traditional Hatha Yoga including its usefulness as a tool for general health and wellness, as well as some practical ways in which Yoga can be implemented in a chiropractic practice setting. The primary focus will be the use of Yoga postures for rehabilitation post-injury, and functional restoration of postural alignment due to muscle imbalance, repetitive use syndromes, handedness, etc.

TCH 6660

*Sacro Occipital Technique II*

*15 hours, 1 credit*

An overview of the Category system of diagnostic indicators as developed by Dr. M.B. DeJarnette is presented. The diagnosis and treatment of Category 1, with its related distortions of the dura, and Category 3, the disc related category, are presented in detail. This is a hands on course designed to increase the students proficiency of osseous and soft tissue distortion correction.

TCH 6651

*Applied Soft Tissue Technique*

*60 hours, 3 credits*

A lecture and laboratory course designed to teach students of chiropractic various soft-tissue analysis systems and technique applications. This course is designed to build on the students’ previous exposure to introductory soft-tissue diagnosis and treatment methods. Emphasis will be placed on the use of postural analysis and functional examination procedures for the determination of appropriate treatment. Treatment will include rehabilitative exercises, stretches, ADLs and the Merrick chart which are given to increase outcome assessments through patient compliance. Basic soft tissue treatment methods will be reviewed and expanded upon. Various advanced soft-tissue methods will be introduced.
TCH 6559

**Introduction to Nimmo**

*45 hours, 2 credits*

The course will provide a comprehensive understanding of this premier soft tissue technique. Students will become familiar with the neurophysiology on which it was based. Participants will become skilled practitioners of this precise pressure point technique. The technique will be demonstrated in small increments and students will practice on each other under close supervision as they acquire the complex psychomotor skills necessary to locate and eliminate myofascial trigger points in all areas of the body.

TCH 6655

**Nimmo II**

*45 hours, 2 credits*

Prerequisite: None

Participants will acquire detailed knowledge of the evolution of trigger point and soft tissue technique in the chiropractic profession and an in-depth understanding of the neurophysiological explanations developed by Nimmo and Vannerson. Students will develop expertise in the science and art of the location and elimination of myofascial trigger points in all major muscles of the body. They will learn to utilize this skill as an adjunct in the chiropractic treatment of most musculoskeletal problems.

TCH 6662

**Myofascial Technique**

*30 hours, 1 credit*

The myofascial technique laboratory 30 hour 1 credit course will provide the students with efficient and effective soft tissue skills. This course is designed to maximize the hands-on application of learning advanced myofascial manipulation. Multiple clinical conditions will be addressed, as well as regional and specific protocols for therapeutic application. The course will discuss and apply soft tissues strategies, treating specific clinical conditions. The laboratory experience will concentrate on the utilization of a multitude of soft tissue approaches. Traditional myofascial approaches will be complimented with techniques such as neuromuscular therapy, manual lymphatic drainage, traditional therapeutic massage, facilitated stretching, and muscle energy techniques. The laboratory experience will also focus on efficient ergonomic technique application, patient dialogue and technique variation based on patient/doctor ability.

TCH 6715

**Technique Practice Lab II**

*30 hours, 1 credit*

A laboratory course in which students meet to continue practicing their skills in spinal and extremity manipulation. In addition, students will be able to bring to class the problems they encounter in their experience as first trimester interns in the student health center and, with the help of senior technique faculty, work through their difficulties.

**Requirements for Graduation**

In order to be eligible for graduation from the DC program, candidates must meet the following criteria:

1. successful completion of a minimum of four academic years of resident study at an accredited institution granting a first professional degree, of which the last four trimesters must have been in residence at New York Chiropractic College;

2. successful completion of all required course work with a cumulative Grade Point Average of 2.00 or higher;

3. completion of a seminar in the identification and reporting of child abuse in accordance with standards specified by the New York State Education Department;

4. successful completion of all clinical internship requirements at the College’s outpatient health centers;

5. satisfactory completion of Outcome Assessment requirements;

6. timely application for the Doctor of Chiropractic degree;
7. fulfillment of all financial obligations to the College;

8. completion of the above requirements within seven calendar years following the date of original matriculation.

It is solely the responsibility of the degree candidate to comply with all requirements for the degree. The institution’s effort to monitor student progress toward graduation does not relieve the individual of primary responsibility in this matter.

Visit our Web site at nycc.edu for the most recent information regarding graduation rates.

**Policy on Adjusting**

Since its inception, the chiropractic profession has, as its primary method of treatment, utilized the adjustment for the correction of biomechanical and neurophysiological dysfunction. New York Chiropractic College prohibits the unauthorized and unsupervised use of any chiropractic technique on students or patients.

The application of any chiropractic adjusting procedure must be done under the supervision of the licensed DC faculty of New York Chiropractic College. Administering unauthorized or unsupervised chiropractic techniques may constitute the unlicensed practice of chiropractic and could affect future licensure.

Therefore, any student who administers, receives, or observes an unsupervised and/or unauthorized chiropractic adjustment is obligated to report such activity to the Dean of Chiropractic or respective Chief of Staff, who will then determine if there is cause for appropriate disciplinary action. Such action may include a judicial hearing and possible sanctions, dependent upon the outcome of the hearing.

**Educational Requirements for Licensure**

**Requirements for Licensure – United States**

State laws require that all persons engaged in the practice of chiropractic must possess a Doctor of Chiropractic degree, pass an examination conducted by the state or a designated equivalent assessment process, and be licensed by the state licensing board. New York Chiropractic College makes every reasonable effort to qualify its students to sit for all state licensing examinations, but makes no assurances that any graduate will be qualified to take the licensing examination in any particular state or pass such examination.

State licensing laws and boards of examiners’ administrative rules and regulations experience periodic changes; therefore, each candidate desiring to pursue the professional program offered by the College is responsible to ascertain all information relative to his/her qualifications to practice in any jurisdiction that he/she selects. The board of trustees, officers and faculty cannot be held responsible in this regard. Detailed information regarding the licensure requirements of these and all other states is available in the Registrar’s office and Career Development Center.

**Preprofessional Requirements for Licensure**

Several state chiropractic boards have preprofessional licensure requirements that are not included in NYCC’s minimum entrance requirement, such as a bachelor’s degree prior to chiropractic study. It is the applicant’s responsibility to ascertain and comply with the licensure requirements for any state in which licensure is desired. This information must be sought directly from state boards of chiropractic to ensure accuracy.

Applicants who desire detailed information relative to licensure in a particular state should contact that state’s board (individual state board addresses are available at the Career Development Center), or the Federation of Chiropractic Licensing Boards (901 54th Avenue, Suite 101, Greeley, CO 80634).

**Requirements For Licensure – Foreign Jurisdictions**

Many foreign countries now have chiropractic licensure laws. Applicants or students who have interest in this area are advised to
contact the chiropractic authorities of the country in which they wish to practice.

**The National Board of Chiropractic Examiners**

The National Board of Chiropractic Examiners was incorporated on June 19, 1963, for the purpose of conducting a chiropractic examination program at the national level as a service to the state boards of examiners, to the chiropractic colleges and their students, and to the graduate chiropractor. Prior to the introduction of the national boards, graduates were required to take a complete battery of examinations for each state in which they sought licensure.

**Structure of the National Board Examinations**

The National Board examinations are given in sections titled: Part I, Part II, Physiotherapy, Part III and Part IV.

Part I contains individual examinations in the core science disciplines of general anatomy, spinal anatomy, physiology, chemistry, pathology, and microbiology and public health.

Part II tests the clinical skills with examinations in chiropractic principles, chiropractic practice, diagnostic imaging, and general diagnosis.

Physiotherapy measures the knowledge and skills required to perform physiotherapy procedures which fall within the scope of practice of chiropractors in some states.

Part III is Written Clinical Competency Examination (WCCE). Many states no longer administer their own written examination and mandate successful completion of the WCCE as a prerequisite to licensure.

Part IV is a practical competency examination that some states are recognizing in lieu of a state-administered competency examination. (For a list of states recognizing Part IV, consult the Registrar’s office.)

**Requirements for Participation**

Students are eligible to take Part I, Part II and Physiotherapy only when certified by the College. NYCC students usually take Parts I and II before completion of their eighth trimester. Physiotherapy is taken after completion of the seventh trimester. Part III eligibility is constituted by successfully having completed all of Part I and being within eight months of graduation. Eligibility for Part IV is contingent upon successful completion of all of Parts I and II. Students should consult the individual states in which they seek licensure for additional eligibility requirements.

**Application for Examination**

Applications are available from the Registrar’s office or directly from the National Board. Properly completed applications must be mailed by the Registrar’s office directly to the Board. Dates of examinations and filing deadlines appear in the Academic Calendar.
Purpose

The Acupuncture and Oriental Medicine Master of Science programs provide a comprehensive professional education in acupuncture and Oriental medicine that, combined with instruction in biomedicine, prepares graduates to practice in a wide range of clinical settings. The programs emphasize an integrative and holistic approach to healthcare.

Educational Objectives

Graduates of the Acupuncture and Oriental Medicine programs will:

- be able to demonstrate comprehensive knowledge of traditional Oriental medical theory, and able to apply theory to clinical practice;
- be able to use traditional Chinese medicine assessment and diagnostic techniques in order to develop treatment plans for patients with a diverse range of medical conditions, and help patients maintain and enhance wellness and vitality;
- be able to utilize acupuncture, moxibustion and, where appropriate, Chinese herbal medicine as primary treatment modalities, as well as incorporate into practice elements of Tui Na, nutritional counseling, exercise and breathing techniques, and other related modalities;
- demonstrate a fundamental knowledge of the historical and philosophical foundations of Oriental medicine, as well as the diversity of Oriental medical theories and clinical approaches;
- be conversant with biomedical terminology, pharmacology, diagnostic procedures, and conventional treatment options in order to communicate effectively with patients and other healthcare practitioners, as well as make timely and appropriate referral for emergency conditions and conditions not readily treatable by Oriental medicine;
- be able to practice integratively and collaboratively in a wide range of healthcare settings, including hospitals and multidisciplinary medical clinics, and to work safely and effectively with patients;
- be able to describe basic scientific research methodology, and to demonstrate the ability to critically assess research literature in acupuncture and Oriental medicine;
- be able to demonstrate knowledge of the ethical, legal and professional requirements of licensed acupuncture practice;
- be able to demonstrate the practice management skills necessary for entering practice.

Advisory Board

Elizabeth Giabocchi, BS, DC, EdD
Betsy East, BS, MS, MILR
Steven Finando, BA, PhD, LAc
Jonathan McDonell, AAS, LMT, MSAOM, LAc
Michael Mestan, BS, DC
Shaune Ralph, BS, MAc, LAc
Daniel Seitz, BA, MAT, JD, EdD
Charles Ventresca, DC, MSA, LAc

Invited Guest:
John DeCicco, BS, DC

Honorary Guest:
Frank J. Nicchi, BA, MS, DC

Admission to the MSA/MSAOM Degree Programs

The field of Oriental medicine draws students of all ages and from all walks of life who share an interest in a holistic approach to healthcare. In assessing applicants, NYCC looks for individuals who demonstrate the potential to succeed in NYCC’s rigorous master’s degree programs in Acupuncture (MSA) and Acupuncture and Oriental Medicine (MSAOM), as well as a
commitment to helping people through a healing profession. Successful candidates exhibit strong communication skills, integrity, professionalism, and a basic understanding of acupuncture and Oriental medicine. Direct contact with an acupuncturist as a patient, volunteer assistant or employee is strongly encouraged as a way of becoming more knowledgeable about the field.

Applicants trained in another healthcare profession — such as chiropractic, medicine or nursing — are encouraged to apply, and may be eligible to receive credit for prior learning for some or all of the course work in basic sciences and biomedicine completed at another institution.

**Academic Requirements for Admission**

Applicants are required to show proof of successfully completing 90 semester hours (136 quarter hours) of college credit, including nine credits of bioscience course work, from an accredited, degree-granting institution. Students must have achieved a grade of “C” or better in the prerequisite bioscience course(s). A cumulative Grade Point Average (GPA) of 2.5 or higher on a 4.0 scale is desired for preprofessional college study.

For qualified students who meet the 90-credit entrance requirement but lack a bachelor’s degree, NYCC offers the option of earning a Bachelor of Professional Studies (BPS) with a major in Life Sciences. To be eligible for the BPS, students are required to have completed a minimum of 33 college credits in liberal arts and science courses at an accredited college or university. (See BPS Program Requirements for AOM Students.)

**Credit through CLEP or Other Proficiency Examinations**

Up to 20 semester hours of a candidate’s preprofessional requirements can be earned through the College Level Examination Program (CLEP) and certain other college proficiency examinations. These credits likewise must be granted by an accredited degree-granting institution. None of the science prerequisites can be satisfied through examination programs.

**Technical Standards for Program Success**

New York Chiropractic College’s School of Acupuncture and Oriental Medicine prepares students to become practitioners of acupuncture and Oriental medicine. Contemporary acupuncture and Oriental medicine education requires that the accumulation of theoretical knowledge be accompanied by the concurrent acquisition of skills, professional attitudes and behavior.

NYCC maintains that prospective and enrolled students must meet certain technical standards that are essential for successful completion of all phases of the educational program. Candidates for the degree must meet the following technical standards with or without reasonable accommodations. Candidates for admission and students must demonstrate:

1. the strength, coordination, and ability to perform common acupuncture and Oriental medicine techniques;

2. the strength, manual dexterity, and tactile perceptiveness and ability to perform in all laboratory and clinical settings, to diagnose and treat human ailments, and to maintain the safety and well-being of fellow students and patients without posing a threat to themselves;

3. the visual, hearing and speech skills requisite to professional performance including reading medical reports, eliciting and recording patient histories, performing all diagnostic exams and procedures, and performing all therapeutic procedures;

4. the ability to reason, learn, and perform independently, demonstrating the conceptual, integrative, and quantitative skills that are necessary for critical thinking, problem solving, measurement, calculation; and displaying the ability to comprehend three-dimensional and spatial relationships, diagnosis, and therapeutic applications;

5. the emotional health required for the full use of
their intellectual abilities, the exercise of good judgment, and the prompt and safe completion of all responsibilities; the ability to adapt to change, display flexibility, and learn to function in the face of uncertainties and stressful situations; empathy, integrity, concern for others, interpersonal skills, interest, and motivation – all of which will be assessed during the admissions process and throughout their education.

Transfer Applicants

NYCC welcomes applicants who have completed course work in Oriental medicine at another institution and who are interested in transferring.

Transfer credit will be considered for courses that are equivalent in content and credit hours to the NYCC courses for which credit is sought. The student must have earned a grade of “C” or higher, and the course cannot be used to meet entrance requirements. Western science and acupuncture and Oriental medicine course work must have been taken at the master’s degree level or equivalent to be considered for transfer credit. Individuals without a master’s level education who have an earned professional license (e.g., RN, PT) with relevant work experience may be eligible to receive credit for prior learning for Western science courses. Evidence of proficiency in the subject matter will be required for course work from professional schools in countries that do not have accreditation systems equivalent to that of the United States. Course work to be transferred must have been completed within five years of the transfer date. Exceptions may be made for candidates holding a first professional degree or an academic graduate degree in a related discipline from an accredited institution.

Credit for prior learning or transfer credit may be awarded to students who can show equivalent training in Tai Ji Chuan or Qi Gong, even if training was received at nonaccredited institutions or in informal learning situations. Students must show evidence of previous study through transcripts or letters from instructors certifying dates and length of study (in hours), and/or must take and pass a challenge exam.

Transfer applicants must complete all application procedures prior to matriculation and must furnish official transcripts of graduate or professional schools attended. They must obtain and complete an application for transfer credit and wait for an evaluation. An offer of transfer credit, if accepted by the candidate, is not subject to further negotiation after transfer to NYCC. No more than 50 percent of the program credits may be met through transfer credit or credit for prior learning.

Credit for Prior Learning

Credit for prior learning may be granted for basic science and Western medicine courses at NYCC to individuals with an earned health-professional license (e.g., RN, PT) who have received significant Western science education and training but have not earned a graduate degree. Credit for prior learning may also be granted for basic science courses to individuals who have earned significant education in a particular field that provides equivalent mastery to an NYCC course.

Individuals in this category will be required to take a challenge exam in order to receive credit for prior learning. Students pay a $100 challenge fee for each exam taken. Based on the evaluation of exam results, transcripts, and work experience, the Prior Learning Assessment Committee will determine the Western science courses for which an individual may receive credit for prior learning. Any
Credit for prior learning must be determined prior to matriculation for applicants to receive credit in this category. Applicants who wish to receive credit for prior learning must submit a completed Credit for Prior Learning Request Form to the Admissions office. Students may audit courses for which they received credit for prior learning.

International Applicants

NYCC welcomes applications from international candidates. Applicants who are not U.S. citizens must meet the same entrance requirements as U.S. citizens, or be qualified via a CCE-recognized, non-U.S. equivalency program. International candidates must complete the same application procedures as all others, and must additionally provide the following:

- official TOEFL exam results of 213 on the computer-based test or 550 on the paper-based test (PBT). Internet-based test (iBT) scores are currently set at 79 and are subject to change for the entering class of 2006.
- evidence of the ability to read, write and speak English at a level of mastery sufficient to successfully complete the course of study for the graduate programs in acupuncture and Oriental medicine;
- a comprehensive evaluation of educational credentials by an appropriate agency such as World Education Services (WES), International Education Resource Foundation (IERF), etc.;
- certified English translation of educational credentials;
- an Ability-to-Pay statement;

Curriculum Summary

The curriculum leading to the MSA degree requires a minimum of eight trimesters (each of 15 weeks’ duration) of full-time resident study, including the clinical internship. This is the equivalent of 32 calendar months. The curriculum leading to the MSAOM degree requires a minimum of nine trimesters, equivalent to 36 calendar months. Those students who want or need to complete the program over a period longer than this minimum may do so under the guidance of the School of Acupuncture and Oriental Medicine. To be awarded the MSA degree, it is mandatory that degree requirements be completed within six calendar years of original matriculation. To be awarded the MSAOM degree, it is mandatory that degree requirements be completed within eight calendar years of original matriculation.
# CURRICULUM SUMMARY

Requirements for the Master of Science Programs in Acupuncture and Acupuncture and Oriental Medicine

Master of Science in Acupuncture (MSA) and Master of Science in Acupuncture and Oriental Medicine (MSAOM) programs degree requirements are listed below. Note that courses ~ below are required for the MSAOM program only; all other courses are required for both the MSA and MSAOM programs. Courses preceded by an * indicate a clinical course with equivalent credits and contact hours taken by both MSA and MSAOM students; however, the course name and course number are different depending on whether student is in the MSA or MSAOM program.

<table>
<thead>
<tr>
<th>First Trimester</th>
<th>Credits</th>
<th>Contact Hours</th>
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<tbody>
<tr>
<td>AOM 5135 Introduction to Chinese Herbology</td>
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<tr>
<td>AOM 5101 Meridians and Points I</td>
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<td>45</td>
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<tr>
<td>AOM 5100 Oriental Medicine Theory I</td>
<td>3</td>
<td>45</td>
</tr>
<tr>
<td>AOM 5141 Musculoskeletal Anatomy</td>
<td>4</td>
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<tr>
<td>AOM 5143 Chemistry for Health Sciences</td>
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<td>45</td>
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<tr>
<td>AOM 5120 Clinical Observation I</td>
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<tr>
<th>Second Trimester</th>
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<tr>
<td>AOM 5206 History and Philosophy of Oriental Medicine</td>
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<tr>
<td>AOM 5205 Introduction to Tai Ji/Qi Gong</td>
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<tr>
<td>AOM 5201 Meridians and Points II</td>
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<td>AOM 5200 Oriental Medicine Theory II</td>
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<tr>
<td>AOM 5300 Oriental Medicine Theory III</td>
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<tr>
<td>AOM 5301 Meridians and Points III</td>
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<tr>
<td>AOM 5310 Introduction to Asian Bodywork</td>
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<td>AOM 5305 Qi Gong</td>
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<td>AOM 5341 Neuroanatomy</td>
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<td>AOM 5342 Systems Physiology</td>
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<tr>
<td>AOM 5401 Clinical Skills I</td>
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<td>AOM 5410 Oriental Medicine Theory IV</td>
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<tr>
<td>AOM 5405 Tai Ji</td>
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<td>AOM 5445 Clinical Psychology</td>
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<td>AOM 5441 Principles of Pathophysiology</td>
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<tr>
<td>AOM 5515 Oriental Medicine Theory V</td>
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<td>30</td>
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<tr>
<td>AOM 5503 Clinical Skills II</td>
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<tr>
<td>AOM 5505 Disease Patterns I</td>
<td>3</td>
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<td>AOM 5541 Systems Pathophysiology</td>
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<td>AOM 5542 Western Clinical Medicine II</td>
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<td>AOM 5550 Introduction to Nutrition</td>
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<td>AOM 5601 Clinical Skills III</td>
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<td>AOM 5602 Tui Na</td>
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<td>AOM 5650 Medical Research Concepts &amp; Methodology</td>
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<td>AOM 5643 Pharmacology &amp; Toxicology</td>
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<td>AOM 5612 Records &amp; Documentation</td>
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<tr>
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<td>AOM 5712 Eastern Dietary Therapy</td>
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<td>AOM 5744 Integrative Medical Practice II</td>
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<tr>
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<tr>
<td>AOM 5805 Clinical Case Studies</td>
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<tr>
<td>AOM 5842 MSA Clinical Internship IV OR</td>
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<tr>
<td>*AOM 5843 MSAOM Clinical Internship IV</td>
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<tr>
<td>AOM 5847 MSA Clinical Internship V OR</td>
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<td>*AOM 5848 MSAOM Clinical Internship V</td>
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<td>AOM 5830 ~Chinese Prepared Medicines</td>
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<td>AOM 5832 ~Chinese Medical Classics I</td>
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<td>AOM 5831 ~Clinical Chinese Herbology I</td>
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<tr>
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<td>(3)</td>
<td>(45)</td>
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Total Credits/Contact Hours Required for the MSA Program: 119 Credits/2,250 Contact Hours.
Total Credits/Contact Hours Required for the MSAOM Program: 161 Credits/3,015 Contact Hours.
An Emergency Procedures/Red Cross Certification course must be completed prior to the start of Clinical Internship training.
In addition: ELECTIVES

AOM5800 – ADVANCED CLINICAL SKILLS ELECTIVE
AOM5801 – ACUPUNCTURE FOR INFERTILITY, PREGNANCY & CHILDREN
AOM5802 – CHINA ABROAD ELECTIVE
AOM5803 – TREATMENT OF PAINFUL CONDITIONS
AOM 5900 – BLOOD STASIS & IMMUNE DEFICIENCY CONDITIONS IN TCM
AOM 5902 – ADVANCED TRADITIONAL CHINESE MEDICINE DIAGNOSIS

COURSE DESCRIPTIONS

Courses listed under the Chinese Herbal Medicine Department heading are not required for the MSA program, with the exception of two courses, Introduction to Chinese Herbology and Eastern Dietary Therapy. Also, Clinical Internship VI and VII are not required for the MSA program. All other courses are required for both the MSA and MSAOM programs.

ACUPUNCTURE COURSES

AOM 5206

*History and Philosophy of Oriental Medicine*
30 hours, 2 credits

The history of Oriental medicine is discussed from its beginnings in Asia to the modern era. This course covers the evolution of Oriental medicine in China, as well as further developments in Japan, Korea, Europe and the United States. Students gain an understanding of Chinese philosophy and its intricate relationship to Oriental medicine. The philosophic traditions of Shamanism, Confucianism, Taoism and Buddhism and their connection to Oriental medical concepts are explored. The current status of Oriental medicine in the U.S. is also discussed.

AOM 5205

*Introduction to Tai Ji/Qi Gong*
15 hours, .5 credit

This course introduces students to Qi Gong and Tai Ji concepts and exercises. Students learn to cultivate qi as part of ongoing practice of Qi Gong and basic Tai Ji movements are introduced. The course is delivered on two Sundays in a workshop format.

AOM 5305

*Qi Gong*
15 hours, .5 credit

Prerequisite: AOM 5205 or instructor approval

This course teaches students the practice of Qi Gong. Qi Gong literally means Qi exercise or calisthenics and Qi Gong conditions the body and helps to connect mind, body, and spirit. Qi Gong utilizes controlled physical motion with deep natural breathing, while fostering a mental attitude of both concentration and tranquility. During practice, the actions are not strenuous and the student learns to conserve energy and strength. After practicing, the student will experience an increase in mental clarity, and a sense of physical rest and repose.

AOM 5405

*Tai Ji*
15 hours, .5 credit

Prerequisite: AOM 5205 or instructor approval

This course presents the Standardized and Simplified 24-Form Tai Ji Quan (TJQ). TJQ is one of the most famous types of Chinese Martial Arts. Although TJQ is a form of fighting self-defense, it is mostly regarded as a nonconfrontational form of exercise that both conditions the body and helps to connect mind, body, and spirit. TJQ utilizes controlled physical motion with deep natural breathing, while fostering a mental attitude of both concentration and tranquility. TJQ increases awareness of one’s body, and augments intellectual focus through physical movement. During practice, the actions are not strenuous and the student learns to conserve energy and
strength. After practicing, the student will experience an increase in mental clarity, and a sense of physical rest and repose.

AOM 5101

Meridians and Points I
45 hours, 3 credits

Prerequisite: AOM 5101

AOM 5201

Meridians and Points II
45 hours, 3 credits

Prerequisite: AOM 5201

AOM 5301

Meridians and Points III
45 hours, 3 credits

Prerequisite: AOM 5201

This series of three courses covers the names, numbers, physical location and anatomical landmarks of acupuncture points, as well as the names and pathways of the 12 main channels, internal pathways, and the 6 divisions of channels and body areas. Additional material covered will include: divergent & luo-connecting channel pathways, tendinomuscular meridians, special groupings of points, functions & indications of points, forbidden points, “extra points” (not located on primary channels), contraindications of point usage, pinyin names of some major points, and clinically important channel intersections. Students will also be introduced to the pathways, physiology & pathology of the Eight Extraordinary Meridians. The course series incorporates demonstration and practice. Techniques for locating points, and the actual location of points, will be demonstrated, and students will practice these skills on one another under supervision.

AOM 5100

Oriental Medicine Theory I
45 hours, 3 credits

AOM 5200

Oriental Medicine Theory II
45 hours, 3 credits

Prerequisite: AOM 5100

AOM 5300

Oriental Medicine Theory III
45 hours, 3 credits

Prerequisite: AOM 5200

AOM 5410

Oriental Medicine Theory IV
45 hours, 3 credits

Prerequisite: AOM 5300

This series of four lecture courses covers the fundamental theories of Oriental medicine that are the foundation for understanding patterns of disharmony in the body. Yin and yang, qi, blood, jing, fluids, five elements, pathogenic factors and the etiology of disease, zang fu organ systems, four levels, and six divisions are covered. Students then learn in-depth the 4 pillars of diagnosis in Oriental medicine: inspection, palpation, inquiry and listening and smelling. As students proceed through the series, they study the fundamentals of pathology in accordance with pattern differentiation/ Bian Zheng theory. Finally, students begin to put together all the information gathered along with their understanding of Oriental medicine theory to reach the ultimate goal of an Oriental medicine diagnosis.

AOM 5515

Oriental Medicine Theory V
30 hours, 2 credits

Prerequisite: AOM 5410

In this course, students learn to apply all of the information learned in OM Theory I-IV to go in-depth to formulate a diagnosis, differentiate patterns, and develop treatment plans. Treatment principles and representative prescriptions of acupuncture points and formulas are covered with an emphasis placed on case studies. In discussing case studies, comparison between Western disease descriptions and “syndromes” as defined in TCM is introduced.

AOM 5310

Introduction to Asian Bodywork
30 hours, 1 credit

Prerequisites: AOM 5100, AOM 5101
Students are introduced to various Asian bodywork techniques along with an introduction to Tui Na. This course is designed to teach students how to incorporate bodywork into their clinical practice. It is a practicum-based course, with students spending much of their time working on each other in class.

**AOM 5401**

*Clinical Skills I*

60 hours, 3 credits

Prerequisites: AOM 5200, AOM 5201

**AOM 5503**

*Clinical Skills II*

45 hours, 2 credits

Prerequisite: AOM 5401

**AOM 5601**

*Clinical Skills III*

45 hours, 3 credits

Prerequisite: AOM 5501

This series of courses teaches needle theory and skills, and other techniques used in clinical practice. Hands-on skills are taught for needle insertion and manipulation for body points, scalp acupuncture, and microsystems. Other clinical skills are taught for moxibustion, electrical stimulation, gua sha and cupping, and plum blossom needling. Emphasis is placed on clean needle technique, complying with OSHA requirements, and common contraindications and precautions.

**AOM 5505**

*Disease Patterns I*

45 hours, 3 credits

Prerequisite: AOM 5400

**AOM 5605**

*Disease Patterns II*

45 hours, 3 credits

Prerequisite: AOM 5505

**AOM 5705**

*Disease Patterns III*

45 hours, 3 credits

Prerequisite: AOM 5605 Students become familiar with the major diseases and most of the minor illnesses encountered in clinical practice in this series of courses. In studying specific diseases, students learn traditional etiology, differentiation of patterns, and appropriate treatment from an Oriental medicine perspective. Students learn to integrate Eastern and Western theories of physiology and pathology, with special emphasis on case studies. Students will be introduced to recent clinical research on specific conditions such as cancer, addiction, HIV/AIDS, hepatitis, and musculoskeletal pain. Emphasis is also placed on acupuncture points and techniques commonly used in treatment.

**Tui Na**

30 hours, 1 credit

Prerequisite: AOM 5310

This course shows students how to perform basic techniques of Tui Na, a form of Oriental massage and bodywork. Theoretical and practical application of techniques are covered, with hands-on practice emphasized in order for students to achieve the skill necessary to administer Tui Na effectively.

**AOM 5805**

*Clinical Case Studies*

45 hours, 3 credits

Prerequisites: AOM 5300, AOM 5301, AOM 5501, AOM 5605

Cases are presented to illustrate practical application of Oriental medicine theories. Students learn how to effectively approach case evaluations in order to make a comprehensive diagnosis followed by appropriate treatment principles and plan. This course also provides a forum for discussion of actual cases that are currently being seen in the clinic. Emergency medicine and referral are discussed.
**BASIC SCIENCES COURSES**

AOM 5141

*Musculoskeletal Anatomy*

75 hours, 4 credits

This lecture and lab course covers the anatomy of the musculoskeletal system, from cell and tissue to the theory of muscle coordination and movement. Emphasis is on surface anatomy and anatomical landmarks relevant to acupuncture point location. Anatomy lab time includes work with cadavers.

AOM 5241

*Visceral Anatomy*

60 hours, 3 credits

This lecture and lab course covers the anatomy of the major organ systems, from cell and tissue to the physiological characteristics of each organ. Anatomy lab time includes work with cadavers.

AOM 5341

*Neuroanatomy*

60 hours, 3 credits

This lecture and lab course covers the anatomy of the central nervous system, which comprises the brain and spinal cord; and the anatomy of the peripheral nervous system, which comprises the cranial and spinal nerves. The autonomic, parasympathetic, sympathetic and endocrine systems are studied. Anatomy lab time includes work with cadavers.

AOM 5143

*Chemistry for Health Sciences*

45 hours, 3 credits

This course introduces students to the basic principles of three types of chemistry: inorganic, organic and biochemistry. The inorganic portion of the course will establish basic knowledge of nomenclature, measurements, equations, reactions and enzymatic theory. The organic portion of the course will introduce the student to carbon-based chemistry, reactions, bonding structures, and compound information. The biochemistry portion will focus on metabolism of the major macromolecules including carbohydrates, proteins, lipids and nucleic acids. Finally, implications of metabolism and diet on overall health will be discussed.

AOM 5242

*Human Physiology*

30 hours, 2 credits

This lecture course covers the normal physiological function of the human body and prepares students for the study of Western medical pathology. Focus is on the study of cell physiology, cellular transport and intercellular signaling. The physiological function of the muscular and cardiovascular systems is covered.

AOM 5342

*Systems Physiology*

30 hours, 2 credits

This lecture course covers the general principles of disease processes in the human body as they relate to specific disorders affecting individual body systems and organs. Pathology related to the cardiovascular, respiratory, genitourinary, gastrointestinal, endocrine, neuromuscular and special sense systems is covered.

AOM 5441

*Principles of Pathophysiology*

45 hours, 3 credits

Prerequisites: AOM 5242, AOM 5341

This lecture course introduces fundamental concepts in pathology; provides a detailed study of general pathology that is concerned with the basic reaction of cells and tissues to abnormal stimuli that underlie all diseases; and provides a study of specific disease processes, including inflammation, immune-mediated diseases, neoplasms, and vascular diseases.

AOM 5541

*Systems Pathophysiology*

45 hours, 3 credits

Prerequisite: AOM 5241, AOM 5341

This course covers the general principles of disease processes in the human body as they relate to specific disorders affecting individual body systems and organs. Pathology related to the cardiovascular, respiratory, genitourinary, gastrointestinal, endocrine, neuromuscular and special sense systems is covered.
AOM 5445

Clinical Psychology
30 hours, 2 credits

This introductory course provides students with the counseling skills and understanding of psychology necessary for a clinical practice. The course explores the fundamental relationships of body, brain, emotion, mind and soul in illness and health. It covers current psychological theory, including interviewing and basic counseling techniques, mental status, behavioral assessment, and diagnosis of psychological disorders. Emphasis is placed on the application of this knowledge to the practice of Oriental medicine and to the interpersonal skills necessary in the doctor-patient relationship.

AOM 5442

Western Clinical Medicine I
45 hours, 3 credits

Prerequisites: AOM 5342, AOM 5341

AOM 5542

Western Clinical Medicine II
45 hours, 3 credits

Prerequisites: AOM 5342, AOM 5341

These two courses cover common clinical patterns in Western medicine. Students will examine the signs and symptoms of diseases from the point of view of Western clinical medicine.

Presentation will include concepts and methodologies of screening, evaluation, approach and management, with an emphasis on recognition of the disease in order to facilitate appropriate referral when necessary, especially in emergency situations. Basic physical-assessment techniques and common diagnostic and laboratory tests are covered.

AOM 5643

Pharmacology and Toxicology
45 hours, 3 credits

Prerequisites: AOM 5541, AOM 5542

Introduction to the principles of Western pharmacology, including, pharmacokinetics, pharmacodynamics, drug classifications, and interpreting dosage. Students learn how to use basic pharmacological reference texts. The effects and side effects of commonly prescribed Western medications are studied in order to enable the Oriental medical practitioner to evaluate a patient who is taking prescription medication. Issues of toxicology between Chinese herbs and Western prescription drugs are covered.

AOM 5550

Introduction to Nutrition
15 hours, 1 credit

Prerequisite: AOM 5143

The course presents basic Western nutrition concepts – such as biochemistry of nutrition, digestion, absorption and elimination – and characteristics of nutrients, including carbohydrates, fats, protein, vitamins and minerals. Recent advances in nutrition and the role of nutrition in common diseases is also covered.

AOM 5610

Integrative Medical Practice I
15 hours, 1 credit

Prerequisite: Second-year student status

AOM 5744

Integrative Medical Practice II
30 hours, 2 credits

Prerequisite: Second-year student status

This course series covers clinic start-up and management principles, focusing on day-to-day operations and management of a medical practice including business structure, basic accounting principles, insurance forms and billing, staffing and payroll, and marketing. Issues related to risk management are also discussed. In this course series, students learn about the acupuncture profession and its related organizations in the United States. The role of acupuncture and Oriental medicine in an integrative clinical model, including how to practice as team members in multidisciplinary environments such as allopathic medical clinics, hospitals, and other group settings, is also
explored. Students learn how to handle referrals to and from other health-care fields, including complementary and alternative medicine providers and allopathic medicine.

AOM 5612

Records and Documentation
15 hours, 1 credit

Prerequisite: Second-year student status

This course covers HIPAA regulations and how to comply, appropriate charting, medical report writing, legal responsibilities related to documentation, and overall management of record-keeping systems in a medical practice. Issues related to professional ethics are also discussed.

AOM 5650

Medical Research Concepts & Methodology
45 hours, 3 credits

Students learn how to access existing clinical research in the field of acupuncture and Oriental medicine – from both Western and Asian sources – and develop critical thinking in the area of medical research. Students gain understanding of the Western clinical research model, including standard procedures for design and implementation of research projects. The course explores the challenges of using Western research approaches to study holistic medical modalities such as acupuncture and Oriental medicine. Students also learn about basic statistical methods.

Clinical Training Courses

AOM 5125, 5225, 5325

Clinic Observation I-III
150 hours, 5 credits

The clinical observation courses help to prepare students for clinical assistantship and clinical internship training by exposing students to all aspects of the practice of traditional Oriental medicine - including diagnosis and treatment - in a variety of settings, and by providing students an opportunity to gain hands-on experience in clinic operation. Students also observe medical history-taking; charting of clinical information and proper record-keeping; and become familiar with how to interact professionally with patients. Students may also be involved with discussions concerning diagnosis and treatment of patients. In the assistantship phase, students begin to assist the practitioner with adjunct clinical skills appropriate to their level of training and ability. In Assistantship II, students also begin needling and become familiar with performing treatment on patients. Passing Clinical Skills I is a prerequisite for needling. It can be performed ONLY under licensed clinician’s supervision and direction.

Additionally, students become familiar with the practical and safety procedures that apply to clinic management and practice. Clean needle techniques are observed and students learn OSHA standards on the risks and prevention of blood-borne pathogen transmission and how to follow the clinic’s exposure control plan.

AOM 5425, 5525

MSA O.M. Clinical Assistantship I & II
90 hours, 3 credits

The clinical observation courses help to prepare students for clinical assistantship and clinical internship training by exposing students to all aspects of the practice of traditional Oriental medicine - including diagnosis and treatment - in a variety of settings, and by providing students an opportunity to gain hands-on experience in clinic operation. Students also observe medical history-taking; charting of clinical information and proper record-keeping; and become familiar with how to interact professionally with patients. Students may also be involved with discussions concerning diagnosis and treatment of patients. In the assistantship phase, students begin to assist the practitioner with adjunct clinical skills appropriate to their level of training and ability. In Assistantship II, students also begin needling and become familiar with performing treatment on patients. Passing Clinical Skills I is a prerequisite for needling. It can be performed ONLY under licensed clinician’s supervision and direction.

Additionally, students become familiar with the practical and safety procedures that apply to clinic management and practice. Clean needle protocol and clean needle techniques are observed and students learn OSHA standards on the risks and prevention of blood-borne pathogen transmission and how to follow the clinic’s exposure control plan.

AOM 5426, 5526

MSA O.M. Clinical Assistantship I & II
90 hours, 3 credits

The clinical observation courses help to prepare students for clinical assistantship and clinical internship training by exposing students to all aspects of the practice of traditional Oriental medicine - including diagnosis and treatment - in a variety of settings, and by providing students an opportunity to gain hands-on experience in clinic operation. Students also observe medical history-taking; charting of clinical information and proper record-keeping; and become familiar with how to interact professionally with patients. Students may also be involved with discussions concerning diagnosis and treatment of patients. In the assistantship phase, students begin to assist the practitioner with adjunct clinical skills appropriate to their level of training and ability. In Assistantship II, students also begin needling and become familiar with performing treatment on patients. Passing Clinical Skills I is a prerequisite for needling. It can be performed ONLY under licensed clinician’s supervision and direction.

Additionally, students become familiar with the practical and safety procedures that apply to clinic management and practice. Clean needle protocol and clean needle techniques are observed and students learn OSHA standards on the risks and prevention of blood-borne pathogen transmission and how to follow the clinic’s exposure control plan.

AOM 5426, 5526

MSA O.M. Clinical Assistantship I & II
90 hours, 3 credits
pathogen transmission and how to follow the clinic’s exposure control plan.

AOM 5627, 5737, 5742, 5842, 5847

**MSA Clinical Internship I-V**
525 hours, 17.5 credits

Under the supervision of clinical instructors who are experienced, licensed practitioners, student interns diagnose and treat patients in NYCC’s health centers and at other health-care clinics. Working individually or in pairs, interns apply the knowledge and skills of acupuncture and other Oriental medicine modalities taught in the program. Over the course of this series, MSA students complete a total of 250 patient treatments.

Internship represents the final application of all previously learned didactic and practical course work. Students are expected to be competent in diagnostic skills, pattern differentiation and diagnosis, treatment principles and methods and all the clinical skills taught in the program. The student intern will be exposed to a variety of clinical settings by the time he/she has completed all the internship courses - including the Campus Student Health Center, the Seneca Falls Integrated Health Center, a hospital setting and a detoxification clinic. At each level of internship the student will become increasingly skillful and autonomous until s/he is able to work through the case analysis, diagnosis and pattern differentiation, treatment plan, therapeutic application and case management with minimal direction by the supervisor. In addition to acupuncture therapy the student will apply all the adjunctive therapies including, moxibustion, plum blossom, cupping, gua sha, electric stimulation and body work treatment.

AOM 5628, 5738, 5743, 5843, 5848, 5929, 5931

**MSAOM Clinical Internship I-VII**
735 hours, 24.5 credits

Under the supervision of clinical instructors who are experienced, licensed practitioners, student interns diagnose and treat patients in NYCC’s health centers and at other health-care clinics. Working individually or in pairs, interns apply the knowledge and skills of acupuncture, Chinese herbal medicine, and other Oriental medicine modalities taught in the program. Over the course of this series, MSAOM students complete a total of 350 patient treatments. Internship represents the final application of all previously learned didactic and practical course work. Students are expected to be competent in diagnostic skills, pattern differentiation and diagnosis, treatment principles and methods and all the clinical skills taught in the program. The student intern will be exposed to a variety of clinical settings by the time he/she has completed all the internship courses - including the Campus Student Health Center, the Seneca Falls Integrated Health Center, a hospital setting and a detoxification clinic. At each level of internship the student will become increasingly skillful and autonomous until s/he is able to work through the case analysis, diagnosis and pattern differentiation, treatment plan, therapeutic application and case management with minimal direction by the supervisor. In addition to acupuncture and recommendation of herbs, the student will apply all the adjunctive techniques including, moxibustion, plum blossom, cupping, gua sha, electric stimulation and body work treatment. Students will integrate acupuncture and herbal medicine in clinical internship courses I-V. More emphasis will be placed on the herbal component in courses VI & VII.

**Chinese Herbal Medicine Courses**

AOM 5135

*Introduction to Chinese Herbology*
30 hours, 2 credits

This lecture course introduces the history, development and basic principles of Chinese herbal medicine. The history of medicinal herb use in both Asia and the Western world is discussed. The basic principles of Chinese herbology are presented, including taste, nature, meridians entered, color, dosage, preparation of herbs for medical usage and organizational categories. Students learn the pinyin and Latin binomial nomenclature. In addition to basic Western botanical concepts, students learn commonly
identified active constituents and their typical functions. Modern issues affecting herbal medicine will be covered including use of potentially toxic substances and ingredients derived from endangered species, Good Manufacturing Practice standards and FDA regulatory involvement.

AOM 5712

Eastern Dietary Therapy
30 hours, 2 credits

Prerequisite: Third year student status

This course covers the practice of nutrition and dietary therapy from the Eastern perspective. Approaches to diet, energetic qualities of frequently used foods, and dietary therapy to treat common conditions are covered from a Chinese medicine perspective.

AOM 5938

Pharmacognosy & Botanical Medicine
45 hours, 3 credits

Prerequisite: AOM 5143

This course investigates the disciplines of toxicology and pharmacognosy in relation to issues that are of particular concern to practitioners of herbal medicine in general and Chinese herbal medicine in particular. The course addresses areas that are critical to biomedical pharmacology as well as to the clinical application of the Chinese materia medica. The course constitutes a formal introduction to biomedical toxicology and to pharmacognosy as it pertains to natural products, drugs of natural origin and Chinese medicinal agents.

AOM 5232

Materia Medica I
45 hours, 3 credits

Prerequisite: AOM 5135

AOM 5332

Materia Medica II
45 hours, 3 credits

Prerequisite: AOM 5232

AOM 5432

Materia Medica III
45 hours, 3 credits

Prerequisite: AOM 5332

This three course series introduces students to the names, properties and usage of individual substances in Chinese herbal medicine. Approximately 300 medicinal substances are studied. Material covered includes names in English, Latin and Chinese (pinyin transliteration); general categories; and specific characteristics including taste, nature, channels entered, and therapeutic actions. Common combinations, contraindications, dosage, preparation methods and relevant research are presented.

AOM 5533

Herbal Formulas I
45 hours, 3 credits

Prerequisite: AOM 5332

AOM 5633

Herbal Formulas II
45 hours, 3 credits

Prerequisite: AOM 5533

AOM 5733

Herbal Formulas III
45 hours, 3 credits

Prerequisite: AOM 5633

This course sequence teaches students how multiple combinations of herbs are used in the treatment of medical conditions. Emphasis is on strengthening the student’s ability to analyze individual patients’ conditions and to develop appropriate herbal formulas to achieve desired therapeutic actions. Students learn how to understand action of herbal formulas based on the combination of herbs included, and how to build and modify formulas. Over 150 formulas and their variations are covered.

AOM 5831

Clinical Chinese Herbology I
30 hours, 2 credits

Prerequisite: AOM 5633
AOM 5932

Clinical Chinese Herbology II
30 hours, 2 credits

Prerequisite: AOM 5733

This two-course sequence is an advanced discussion focusing on clinical application of Chinese herbs for the treatment of diseases, integrating the concepts of differential diagnosis of diseases according to Chinese medicine with those of disease identification in Western medicine. The courses integrate all previous theoretical information together with TCM Bian Zheng / pattern differentiation. Clinical case studies will be used to help the student reinforce the knowledge of identifying TCM pattern/s with the treatment of Chinese herbs, with focus on principle formula and corresponding modifications.

AOM 5731

Herb Dispensary Practicum
30 hours, 1 credit

Prerequisite: AOM 5533

This course introduces common preparation techniques for Chinese herbs and formulas. Students are given the opportunity to prepare decoctions, tinctures, medicinal wines, ointments, medicinal soups, congees, powders, drafts, pills, pastes, syrups, medicated pancakes, soft extracts, topical liniments, washes, plasters and herbal douches & enemas. Additional discussions include introduction to the cultivation of Chinese medicinal plants, issues to consider when establishing a Chinese herb dispensary, modern methods of herb preparation (i.e., granular products) and political issues confronting practicing herbalists today.

AOM 5830

Chinese Prepared Medicines
30 hours, 2 credits

Prerequisite: AOM 5633

This course provides information on available and commonly prescribed Chinese Prepared ("patent") Formulas, and the types of conditions for which they are useful. Students learn how to incorporate prepared medicines into their practice, including appropriate dosages and product combinations. This course also examines safety and regulatory issues concerning prepared herbal medicines, such as contamination, adulteration and accurate labeling. Product lines from a variety of popular herb suppliers are examined and compared.

AOM 5832

Chinese Medical Classics I
30 hours, 2 credits

Prerequisite: Third year student status

AOM 5935

Chinese Medical Classics II
30 hours, 2 credits

Prerequisite: Third year student status

This two-course series is an advanced study of the pathogenesis of disease according to two major Chinese medical classics: the *Shang Han Lun* and the *Wen Bing*. The *Shang Han Lun* – translated in English as *Treatise on Febrile Diseases Caused by Cold* – has been a primary Oriental medical resource for nearly 2,000 years. It delineates the symptoms and treatment of disease in six stages. *Wen Bing* presents the warm-disease theory and treatment of feverish diseases caused by exogenous pathogenic factors. In-depth case studies will be presented to illustrate the concepts put forth in both of these theories.
**ELECTIVE COURSES**

Elective courses change from year to year, depending on student interest and faculty expertise and availability. Below are representative examples of elective courses.

AOM 5800

*Advanced Clinical Skills Elective*
*30 hours, 2 credits*

Prerequisite: AOM 5501

This course teaches advanced clinical skills to students in their third year of the program. Students will advance their clinical techniques by practicing free hand needling, advanced threading, manipulation techniques and Japanese acupuncture techniques.

AOM 5801

*Acupuncture for Infertility, Pregnancy and Children*
*30 hours, 2 credits*

Prerequisite: Third year student status

The treatment of gynecological disorders, including fertility, is an extremely important aspect of the clinical use of acupuncture. This acupuncture elective goes in-depth into the diagnosis and treatment of infertility (both male & female), the use of acupuncture during pregnancy and labor and delivery, and the post-natal use of acupuncture. In addition, the course addresses the diagnosis and treatment of common pediatric conditions.

AOM 5802

*China Abroad Elective*
*90 hours, 3 credits*

Prerequisite: Students must be approved by Lead Instructor to participate in the course.

The China Abroad elective course consists of extensive hours in the clinical setting of Zhejiang TCM Hospital # 2 in the People’s Republic of China over a three week period of time. Students also attend guest lectures as arranged by the course instructor and as presented by different Oriental medicine physicians who are affiliated with the hospital in China. Topics will cover a range of theoretical and skill areas particular to the lecturer’s area of expertise.

AOM 5803

*Treatment of Painful Conditions*
*30 hours, 2 credits*

Prerequisite: AOM 5501

This course covers advanced clinical skills in the treatment of common painful conditions such as headaches, toothaches, shoulder pain/frozen shoulder, low back pain, knee pain, stomach pain, and dysmenorrhea. Through case discussion, students review treatment approaches for specific conditions and focus is on point selection and herb recommendation. Clinical application of other specific techniques such as Tui Na, moxibustion, and special cupping techniques is also reviewed. Class time includes needling practice of specific points to enhance students’ clinical skills.

**OUTCOMES ASSESSMENTS**

The knowledge and skills necessary for a student to graduate from the MSA/MSAOM programs at New York Chiropractic College are measured throughout the course of study to ensure that they have been successfully acquired. They are first measured through tests and performance evaluations in each course, up to and including final examinations. The broader outcomes of the learning experience - including the ability to retain, integrate and apply the knowledge and skills acquired over the entire program - are assessed at specific intervals.

Several comprehensive case study assignments and clinical practical exams are included in specific courses and students must demonstrate successful achievement on these assignments and practical exams to meet outcomes assessment requirements. The case study assignments and practical exams that serve as comprehensive outcomes assessment requirements are clearly spelled out on course syllabi. Additionally, students are required to pass two major written comprehensive outcomes assessment exams at the end of their first and second calendar years in the program in order to successfully pass outcomes assessment requirements.
**Level 1 Key Areas**
Point Location/Meridians; Oriental Medicine Theory; Anatomy and Physiology

**Level 2 Key Areas**
Clinical Skills; Pattern Diagnosis; Western Clinical Medicine and Physical Assessment

**Level 3 Key Areas**
Diagnosis and Treatment Planning; Referral/Collaborative Care

**MSAOM Students:** Materia Medica and Herbal Formulas are measured comprehensively through cumulative final exams in the courses Materia Medica III and Herbal Formulas III and these final exams must be passed to meet outcomes assessment requirements.

Completion of each level is achieved by successfully completing the assessments for each section contained within that level. Successful completion of each level is a requirement in order to remain in the program and to continue to progress toward the MSA or MSAOM degree.

Full-time students complete each level by the end of each calendar year. Students are expected to successfully complete outcomes assignments or exams on the first attempt, as each measure learning competencies the student has achieved in completing course work prior to that evaluation. Failure on an outcomes assignment or exam indicates weakness in retention, integration and application of those competencies in key areas. Students may be given the opportunity to re-submit an assignment or re-take an exam dependent on departmental approval.

In order to complete each level, students must successfully pass the work required in each section. Those that fail to do so, are required to take a non-credit bearing remediation course, Outcomes Assessment Review. Not successfully completing work includes:

- students who fail more than two sections on a written exam;
- students who fail two assignments and/or practical exams on the first attempt;
- students who fail a re-take in one or more sections of the written exam.

Outcomes Assessment Review is a directed self-study under the supervision of an AOM faculty member over the course of a trimester. The faculty member assists the student in identifying weaknesses and provides support for the student to develop the required competencies before repeating the work required to successfully complete a level. Students pay a fee of $500.00 for the Outcomes Assessment Review Course.

Students who are eligible to receive transfer credit or credit for prior learning for any course work will be required to successfully complete the assessments pertaining to those sections which evaluate the program content contained in the courses for which they are receiving advanced standing or transfer credit. Successful achievement of relevant assessments may be required before final transfer credit is awarded.

**Clinical Study**

Students enrolled in the MSA/MSAOM programs receive a diverse clinical experience. During clinical internship, students rotate through various clinical sites to meet NYCC’s goal of enabling graduates to work within any healthcare setting, whether it is a small private practice, an integrative clinic, or a hospital setting. The clinical sites include on-campus health centers and other clinical sites in the upstate New York area. Students are required to provide their own transportation to clinical sites for clinical observations, assistantships, and clinical internships.

Students are approved to enter into Clinical Internship I only after successfully completing all of the following: (a) Clinical Observation and Assistantship V; (b) Exit exam for Clinical Skills II (AOM 5501); (c) AOM 5505 (Disease Patterns I) and AOM 5510 (OM Theory V); (d) AOM 5441 (Principles of Pathophysiology) and AOM 5442 (Western Clinical Medicine II) and students must also have completed or be concurrently enrolled in AOM 5541 (Systems Pathophysiology) and AOM 5542 (Western Clinical Medicine II); (e) emergency procedures/Red Cross certification course.
Students make their own arrangements to take the Clean Needle Technique (CNT) course through the Council of Colleges of Acupuncture and Oriental Medicine and pay course-related fees directly to CCAOM. NYCC strives to have the CNT course offered on campus. CNT is a one-day course, generally scheduled on a Sunday. Successful completion of the CNT course is required by the National Certification Commission for Acupuncture and Oriental Medicine (NCCAOM) for eligibility to take the national board exams. Once students have successfully completed the CNT course to meet NYCC's clinical internship entrance requirements, then the CNT requirement for NCCAOM has also been met. Information on the CNT course can be obtained on the CCAOM Web site at ccaom.org, or by calling the CCAOM office at (301) 313-0868. Applications for the course should be sent to: Council of Colleges of Acupuncture and Oriental Medicine, CNT Course, 7501 Greenway Center Drive, Suite 820, Greenbelt, MD 20770.

**Requirements for Graduation**

In order to be eligible for graduation from the MSA/MSAOM programs, candidates must meet the following criteria:

1. successful completion of all required course work with a cumulative Grade Point Average of 2.00 or higher;

2. completion of a seminar in the identification and reporting of child abuse in accord with standards specified by the New York State Education Department;

3. successful completion of the Clean Needle Technique course offered by the Council of Colleges of Acupuncture and Oriental Medicine;

4. successful completion of all clinical internship requirements at the College's clinical sites;

5. satisfactory completion of comprehensive Outcomes Assessment requirements;

6. fulfillment of all financial obligations to the College;

7. completion of the above requirements within six calendar years for MSA and eight calendar years for MSAOM following the date of original matriculation.

It is solely the responsibility of the degree candidate to comply with all requirements for the degree. The institution’s effort to monitor student progress toward graduation does not relieve the individual of primary responsibility in this matter.

**Policy on Conducting Acupuncture Treatment and Herbal Recommendation**

New York Chiropractic College prohibits the unauthorized and unsupervised use of any acupuncture needling techniques, electrical stimulation, or herbal recommendation. The application of these Oriental medicine procedures must be done under the supervision of NYCC's licensed faculty. No individual is to be treated in the College’s health centers or outpatient clinics unless a completed case history is on file. Any student who administers prohibited techniques or treatment without proper supervision or authorization may be subject to immediate dismissal from the program.

**Educational Requirements for Licensure**

**Acupuncture Licensure and Certification in the U.S.**

More than 40 states in the U.S. officially regulate or license the practice of acupuncture and Oriental medicine. Since these regulations differ from state to state, prospective students should obtain a copy of the regulations from the state in which they intend to practice.

The National Certification Commission for Acupuncture and Oriental Medicine is the only nationally recognized certification available to qualified
practitioners of acupuncture and Oriental medicine. NCCAOM certification in acupuncture, Chinese herbology, and/or Asian bodywork serves as a professional recognition and does not authorize or license an individual to practice. Licensure and registration are state regulatory functions, but it should be noted that most states require NCCAOM examination and/or certification in acupuncture in order to be licensed.

NYCC’s programs in acupuncture and Oriental medicine exceed the educational standards of NCCAOM for acupuncture and Chinese herbology certification in terms of hours spent in class and clinic. NCCAOM also requires applicants enrolled in acupuncture school after June 1999 to graduate from a program that is either accredited or in candidate status with the Accreditation Commission for Acupuncture and Oriental Medicine in order to be eligible for certification. NYCC is proud to note that it is one of few acupuncture schools able to claim regional accreditation by the Commission on Higher Education, Middle States Association of Colleges and Schools.

To obtain more information regarding national certification, contact:

NCCAOM
11 Canal Central Plaza, Suite 300
Alexandria, VA 22314
Web site: nccaom.org
Phone: 703-548-9004

To obtain more information about school accreditation, contact:

ACAO
Maryland Trade Center #3
7501 Greenway Center Dr., Suite 820
Greenbelt, MD, 20770
Web site: acao.org
Phone: 301-313-0855

Preprofessional Requirements for Licensure

Several state acupuncture boards have preprofessional licensure requirements that are not included in NYCC’s minimum entrance requirements, such as a bachelor’s degree prior to acupuncture study or specified hours of biosciences. It is the applicant’s responsibility to ascertain and comply with licensure requirements for any state in which licensure is desired.

New York State Licensure

Acupuncture has been a licensed profession in the State of New York since 1991. Licensed acupuncturists are primary healthcare providers under New York State law and may treat patients without first obtaining a medical referral. Practitioners enjoy a wide scope of practice in New York and are not limited to a particular type of disease or condition, although the practitioner must advise his/her patients of the importance of medical consultation regarding their conditions. To qualify for licensure to practice acupuncture in the state of New York, students must have received 60 semester hours of preprofessional education, including at least nine semester hours in the biosciences, from an accredited college or university or its equivalent. Biosciences are defined as biological sciences and do not include chemistry or physics. Course work completed to satisfy your professional educational requirement cannot be used to also satisfy the biosciences requirement. No bioscience credit may be applied toward both requirements.

Students must provide evidence of satisfactory completion of a course of formal study or its substantial equivalent in accordance with the commissioner’s regulation. Students must also pass the NCCAOM examination. Students are encouraged to read the complete description of license requirements for New York State and to obtain a copy of the state regulations from the NYS Education Department, Office of the Professions, State Education Building, Albany, NY 12234.
School of Applied Clinical Nutrition

MASTER OF SCIENCE DEGREE IN APPLIED CLINICAL NUTRITION (MSACN) PROGRAM

Acting Dean: Mary Balliett, BS, DC

PURPOSE AND EDUCATIONAL OBJECTIVES

Purpose

The Master of Science graduate program in Applied Clinical Nutrition provides a comprehensive professional education that focuses on nutrition and its application in prevention and disease management that prepares graduates to practice in a wide range of clinical, consulting and industry settings. The program emphasizes an integrative approach to healthcare.

Educational Objectives

Graduates of the Master of Science Degree in Applied Clinical Nutrition will:

- be able to utilize food, vitamins, minerals and herbs, where appropriate, as well as incorporate into practice nutritional counseling, and other related modalities;
- be conversant in drug and food interactions, pharmacognosy, developmental nutrition, and technology’s influence on the nutrient content of food in order to communicate effectively with patients and other healthcare practitioners, as well as make timely and appropriate referral for emergency conditions and conditions not readily treatable by Clinical Nutrition;
- be able to practice integratively and collaboratively in a wide range of healthcare settings, including hospitals and multidisciplinary medical clinics, and to work safely and effectively with patients undergoing conventional medical treatment;
- understand basic scientific research methodology, and have the ability to critically assess research literature on Applied Clinical Nutrition;
- be conversant in the ethical, legal and professional requirements of licensed applied clinical nutrition practice, and have the practice management skills necessary for entering practice.

ADMISSION TO THE MSACN DEGREE PROGRAM

The field of Applied Clinical Nutrition draws students of all ages and from all walks of life who share an interest in a holistic approach to healthcare. In assessing applicants, NYCC looks for individuals who demonstrate the potential to succeed in NYCC’s rigorous master’s degree programs in Applied Clinical Nutrition, as well as a commitment to helping people through a healing profession. Successful candidates exhibit strong communication skills, integrity, and professionalism.

Academic Requirements for Admission

Applicants are required to show proof of successfully completing 90 semester hours (136 quarter hours) of college credit, including nine credits of bioscience course work prior to matriculation, from an accredited, degree-granting institution. Students must have achieved a grade of “C” or better in the prerequisite bioscience course(s). A cumulative Grade Point Average (GPA) of 2.5 or higher on a 4.0 scale is desired for pre-professional college study. No transfer credit or credit for prior learning will be granted.

Technical Standards for Program Success

NYCC maintains that prospective students must meet certain technical standards, which are essential for successful
completion of all phases of the educational program. Candidates for the degree must meet the following technical standards with or without reasonable accommodations. Candidates for admission and students must demonstrate:

1. the observation and communication skills requisite to professional performance including eliciting and recording patient histories, analysis of studies and completion of reports;

2. access to a computer with internet and basic proficiency in utilizing e-mail, Internet, Microsoft Office including Word, PowerPoint and Excel;

3. the ability to reason, learn, and perform independently, demonstrating the conceptual, integrative, and quantitative skills that are necessary for critical thinking, problem solving, measurement, and calculation;

4. the emotional health required for the full use of their intellectual abilities, the exercise of good judgment, and the prompt and safe completion of all responsibilities; the ability to adapt to change, to display flexibility and to learn to function in the face of uncertainties and stressful situations; empathy, integrity, concern for others, interpersonal skills, interest, and motivation which will be assessed during the admissions process and throughout their education.

**International Applicants**

NYCC welcomes applications from international candidates. Applicants who are not U.S. citizens must meet the same entrance requirements as U.S. citizens, or be qualified via a CCE-recognized, non-U.S. equivalency program. International candidates must complete the same application procedures as all others, and must additionally provide the following:

- evidence of the ability to read, write and speak English at a level of mastery sufficient to successfully complete the course of study for the graduate programs in acupuncture and Oriental medicine;

- a comprehensive evaluation of educational credentials by an appropriate agency such as World Education Services (WES), International Education Resource Foundation (IERF), etc.;

- certified English translation of educational credentials;

- an Ability-to-Pay statement.

**Curriculum Summary**

The curriculum leading to the MSACN degree requires a minimum of six trimesters (each of 15 weeks' duration) of part-time study. This is the equivalent of 24 calendar months.
## SUMMARY BY TRIMESTER

<table>
<thead>
<tr>
<th>Course No./ Title</th>
<th>Lecture</th>
<th>Contact Hours</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>First Trimester</strong></td>
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<tr>
<td>NTR 5101 Carbohydrates, Fats, and Proteins</td>
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<tr>
<td>NTR 5102 Vitamins, Minerals, and Amino Acids</td>
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<tr>
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<tr>
<td>NTR 5303 Clinical Nutrition for Pain and Inflammation</td>
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<td>NTR 5402 Drug Induced Nutrient Depletion and Herb/Drug Interaction</td>
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<td>3</td>
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<td>NTR 5403 Experimental Analysis</td>
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<td><strong>Fifth Trimester</strong></td>
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<td>NTR 5501 Exercise Physiology and Sport Nutrition</td>
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<td>NTR 5502 Critical Evaluation of the Current Nutrient Literature</td>
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COURSE DESCRIPTIONS

All courses are three credits. Students will take two three-credit courses per trimester.

APPLIED CLINICAL NUTRITION

NTR 5101

Carbohydrates, Fats and Proteins: The Macronutrients
45 hours, 3 credits

The course is designed to prepare students to understand how carbohydrates, fats and proteins function in the body; how each macronutrient, alone and when combined, undergoes integrated metabolism in tissues; and how the macronutrients integrate to affect overall metabolism as well as disease risk and recovery. Suggestions for client counseling on these issues will be presented.

NTR 5102

Vitamins, Minerals, and Amino Acids
45 hours, 3 credits

A fundamental course in micronutrients (vitamins, minerals, amino acids) and their interactions on body cellular metabolism. The course will include the history of micronutrients, their use in the diets of industrialized countries, food sources of micronutrients, the variability of requirements of individuals, nutrient functions, signs and symptoms of deficiencies, knowledge of dosages of absorbable form of each nutrient, disease prevention and nutritional therapy, toxicity, and interactions as a result of the metabolic process.

Prerequisites: NTR 5101, NTR 5102

Clinical nutrition assesses deficiency states but can also be used to improve health by optimizing food selection and nutritional supplementation needs. A clinical and laboratory assessment allows the healthcare provider the opportunity to develop an individualized therapeutic program. The provider needs to know and understand the options available in evaluating nutritional status. This course provides knowledge of nutritional assessment tools and techniques for nutritional evaluation and counseling.

NTR 5202

Nutritional Assessment
45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102

An advanced course focusing on the use of natural materials (plants, fungi, marine organisms and others) as therapeutic agents. Plants have yielded many important medicines in the past, and one of the main interests is to better understand the pharmacological and biological effects of medicinal plants used around the world. The biochemical constituents of plant extracts and the isolation of their active components, as well as clinical studies, will be explored. Phytotherapy specifically looks at medicinal plants, used as well-defined extracts for specific illnesses.

NTR 5203

Developmental Nutrition
45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102

A course focusing on the fundamentals of normal nutrition from preconception to old age. Special attention will be paid to the clinical and nutritional interventions that apply to each part of the life cycle. In addition to the essential nutritional concepts, physiological principles and nutritional recommendations, we will apply case studies to real life at each stage of development, with consideration of cultural competence and effective client counseling.

NTR 5302

Pharmacognosy
45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102

A didactic course designed to facilitate the use of diet and basic nutritional supplements in clinical practice. The focus is nutritional applications to reduce inflammation and pain. The inflammatory process will
be studied in significant detail and related to the process of nociception and pain. Also examined will be the relationship between chronic inflammation and various degenerative diseases such as cancer, heart disease, syndrome X, Alzheimer’s disease, depression, cold/flu symptoms, and other conditions. Practical nutritional applications will be directed at reducing inflammation with diet and supplements.

NTR 5402

*Drug-Induced Nutrient Depletion and Herb/Drug Interaction*

45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102

Numerous drugs can cause depletions through a variety of biochemical mechanisms. Depletion of nutrients can lead to alterations in physiology, leading to side effects, symptoms or other conditions and disease. It will review the most significant drug-induced nutrient depletions (DIND) and their impact on the body. This course will also review the most significant herb/drug interactions and provide a review of databases and information relating to this topic. Scientific studies that report, verify and explain these two prominent issues in integrative care will be reviewed and discussed.

NTR 5403

*Experimental Analysis*

45 hours, 3 credits

Prerequisites: NTR 5101, NTR 5102

This course is designed to introduce the graduate student to typical methods of analyzing biomedical data using descriptive and inferential statistics.

NTR 5501

*Exercise Physiology and Sports Nutrition*

45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102, NTR 5301

Using exercise physiology as a basis, students will understand the acute and chronic adaptations of the body to high physiological demands of physical activity and sports. Topics covered include physiology of the skeletal, muscular, cardio-respiratory and endocrine systems. Nutritional concepts relating to how the body uses the macronutrients and micronutrients to fuel energy systems will be explored. Popular performance enhancing and weight-loss supplements will be examined.

NTR 5502

*Critical Evaluation of the Current Nutritional Literature*

45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102, NTR 5201

This advanced course will require the student to critically review a number of current journal articles in the field of nutrition. Students will produce a capstone paper integrating knowledge from their previous courses within the context of a critical review.

NTR 5601

*Therapeutic Nutrition*

45 hours, 3 credits

Prerequisite: All course work Trimesters 1 through 5.

An advanced course focusing on the use of nutritional therapy in the management of health and disease. Specific nutritional intervention including diet, vitamins, minerals, botanicals, essential fatty acids and amino acids will be explored for a wide variety of diseases commonly encountered in clinical practice. The biochemistry of each intervention will be discussed for a full understanding of how to integrate nutritional therapy into patient care.

NTR 5602

*Food Science*

45 hours, 3 credits

Prerequisite: NTR 5101, NTR 5102, NTR 5202, NTR 5302, NTR 5402

This course is designed to provide an overview of food science and technology and how they influence food safety, food quality, and nutritive content in a rapidly changing, global marketplace.
EDUCATIONAL REQUIREMENTS FOR CERTIFICATION

Nutrition Certification in the U.S.

New York Chiropractic College makes every reasonable effort to qualify its students to sit for all state certifying examinations but makes no assurances that any graduate will be qualified to take the certifying examination in any particular state or pass such examination.

Several state nutrition boards have pre-professional certification requirements which are not included in NYCC’s minimum entrance requirement. It is the applicant’s responsibility to ascertain and comply with the certification requirements for any state in which certification is desired. This information must be sought directly from state boards of Nutrition to ensure accuracy.

State licensing and certification laws and Boards of Examiners’ administrative rules and regulations experience periodic changes; therefore, each candidate desiring to pursue the professional program offered by the College is responsible to ascertain all information relative to his/her qualifications to practice in any jurisdiction that he/she selects. Applicants who desire detailed information relative to certification in a particular state should contact the state board.

It is the applicant’s responsibility to ascertain and comply with certification requirements for any state in which certification is desired.

To obtain more information regarding certification, contact:

CBNS
Certification Board of Nutrition Specialists
300 South Duncan Ave, Suite 225
Clearwater, FL 33755
Web site: www.cert-nutrition.org
Phone: 727-446-6086

To obtain more information regarding the diplomate exam in Nutrition, contact:

ACBN
American Clinical Board of Nutrition
6855 Browntown Road
Front Royal, VA 22630
Web site: www.acbn.org
Phone: 540-635-8844

New York Chiropractic College has received approval for our Master of Science Degree in Applied Clinical Nutrition to satisfy the educational requirements for the CBNS and ACBN exams. Those interested need to contact those agencies regarding additional qualifications.
The Bachelor of Professional Studies Program offers a 123-semester-credit-hour baccalaureate degree program: the Bachelor of Professional Studies (BPS) with a major in Life Sciences. Only students who have been admitted into the DC or MSA/MSAOM programs at NYCC are eligible to participate in the BPS program.

For those students who lack a baccalaureate degree upon matriculation into NYCC's DC or MSA/MSAOM programs, the BPS program is designed to serve two purposes: (1) enable professional program graduates to be eligible for licensure in those jurisdictions where a baccalaureate degree is required in addition to graduation from a professionally accredited program; and (2) allow NYCC graduates to be eligible for enrollment in graduate programs that require an undergraduate degree in a life science-oriented field.

A fee of $1,215 is charged to students seeking to earn the BPS with a major in Life Sciences. This fee covers capstone course tuition, administration of the comprehensive examination, and other administrative costs.

### BPS Program Requirements for DC Students

- completion of 90 undergraduate credits, including 33 credits in liberal arts and sciences;
- completion of 30 credits taken at NYCC from among the following DC curriculum courses: Cell and Tissue Biology, Gross Anatomy I, Gross Anatomy II, Gross Anatomy III, Neuroscience I, Neuroscience II, Principles of Biochemistry, Biochemistry of Nutrition/Metabolism, Systems Physiology, Clinical Microbiology, Environmental Health, Basic Human Nutrition I, Basic Human Nutrition II;
- completion of the three-credit capstone course, Integrative Healthcare (BPS 4000).

A grade of C or better must be earned in each course to be counted for credit toward the BPS degree. Full-time DC students could satisfy all requirements for the BPS degree at the end of their third trimester of study.

### BPS Program Requirements for AOM Students

- completion of 90 undergraduate credits, including 33 credits in liberal arts and sciences;
- completion of 30 basic science credits taken at NYCC, to include all of the following AOM curriculum courses: Anatomy, Neuroanatomy, Human Physiology, Principles of Pathophysiology, Systems Pathophysiology, Chemistry for Health Sciences, Pharmacology and Toxicology, Pharmacognosy and Botanical Medicine;
- completion of the three-credit capstone course, Integrative Healthcare (BPS 4000).

A grade of C or better must be earned in each course to be counted for credit toward the BPS degree. Full-time AOM students could satisfy all requirements for the BPS degree at the end of their sixth trimester of study.

For additional information, contact Kristina Petrocco-Napuli, DC, Director of the BPS program, at (315) 568-3886, or by e-mail at kpetrocco@nycc.edu.

### Course Description – BPS Capstone Course

**BPS 4000**

**Integrative Healthcare**

45 hours, 3 credits

This is the capstone course for students registered in the Bachelor of Professional Studies program. This is a lecture course that presents and discusses the roles of complementary and alternative medicine (CAM) and allopathic practices in integrative healthcare settings. The course provides information and discussion regarding the accepted definition of various healthcare therapies, primary conditions addressed, and potential benefits obtained by the therapy. An emphasis of this course is to explore, where possible, the current scientific theory behind the therapies discussed, and prepare students to obtain and evaluate information to direct future patient education. Students will prepare written case studies and complete a written final examination. A grade of C or better must be earned in the capstone course for the BPS degree to be awarded. Students who do not meet the requirement of C or better will be permitted to repeat the capstone course.
MASTER OF SCIENCE IN DIAGNOSTIC IMAGING (MSDI) PROGRAM

Director: Jean-Nicolas Poirier, DC, DACBR

The residency is a three-year, full-time program devoted to the discipline of chiropractic radiology and includes academic, clinical, and scholarly components. The program leads to a Master of Science degree in Diagnostic Imaging and qualifies successful candidates to sit for the examinations leading to the professional certification “Diplomate of the American Chiropractic Board of Radiology” (DACBR).

The program is rigorous and residents are selected on a competitive basis for limited openings. Applicants are chosen based upon a written examination, oral practical examinations, and an interview with the residency selection committee. Resident duties include teaching in laboratories and lectures of various radiology courses, didactic and film interpretation tutorial sessions, clinical rotations in outpatient clinics, and rotations through outside imaging centers. Additionally, residents are responsible for the design and completion of a master’s thesis.

Position Requirements:

- Candidates must apply by submitting an application to the Human Resources Department.
- Applicants must have a radiology course CGPA of at least 3.0 with no grade lower than a “C” in any radiology course.
- It is recommended that the candidate have at least a 3.0 overall chiropractic college GPA.
- Applicants must hold a Doctor of Chiropractic degree and have successfully completed all National Board examinations.
- Applicants must hold a bachelor’s degree or its equivalent from an accredited institution of higher learning.

Residents are paid a competitive salary, are eligible to participate in NYCC’s benefits package, and also may qualify for postdoctoral grants with certain funding agencies.

Interested individuals should contact the Director of the MSDI program for an application:

Jean-Nicolas Poirier, DC, DACBR
New York Chiropractic College
2360 State Route 89
Seneca Falls, NY 13148

E-mail: npoirier@nycc.edu
Phone: (315) 568-3197

ACADEMIC PROGRAM TOTAL: 810 CONTACT HOURS, 54 CREDITS

AST 6556
Preparation as a College Educator
30 hours, 2 credits

This interactive course will explore the elements of how to prepare and deliver courses at the college level. The content will include adult education theories, current educational research and course design. Class discussion and projects will include practical and theoretical aspects of course design including: learning objectives and syllabus design; decisions in course content, preparation and delivery; assessment design, analysis and grading; and issues of instructional inclusiveness.

RAD 5101
Hematopoietic, Metabolic, Endocrine, and Nutritional Disturbances of Bone
22.5 hours, 1.5 credits

A tutorial group (session) and laboratory course focusing upon hematopoietic, metabolic, endocrine and nutritional disturbances of bone. This course represents an intermediate level study of the pathologic and diagnostic imaging manifestations of these disorders. Additional areas to be covered include epidemiology, general diagnostic criteria, advanced imaging, management, prognosis, and associated diseases. Evaluation of plain film radiographic abnormalities will be emphasized.
RAD 5110

**Infectious Disorders of Bone**

7.5 hours, .5 credit

A tutorial group (session) and laboratory course focusing upon infectious lesions of bone. This course represents an intermediate level study of the pathologic and diagnostic imaging manifestations of osteomyelitis and infectious related disorders. Additional areas to be covered include epidemiology, general diagnostic criteria, advanced imaging, management, prognosis, and associated diseases. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5112

**Chest Imaging**

30 hours, 2 credits

A tutorial group (session) and laboratory (film and anatomy) course focuses upon normal and pathologic conditions of the thorax. This course represents an intermediate level study of the epidemiological, plain film radiographic and advanced imaging manifestations of pathologic disorders of the chest. Additional areas to be covered include terminology, associated imaging, management, prognosis, and allied topics. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5202

**Arthritides**

15 hours, 1 credit

A tutorial group (session) and laboratory course focusing upon articular abnormalities. This course represents an intermediate level study of the pathologic and diagnostic imaging manifestations of arthritis and arthritic related disorders. Additional areas to be covered include epidemiology, general diagnostic criteria, advanced imaging, management, prognosis, and associated diseases. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5204

**Neoplastic and Neoplastic-Like Lesions of Bone**

15 hours, 1 credit

A tutorial group (session) and laboratory course focuses upon neoplastic and neoplastic-like lesions of the musculoskeletal system. This course represents an intermediate level study of the epidemiological and diagnostic imaging manifestations of neoplastic and neoplastic-like lesions of the musculoskeletal system and related disorders. Additional areas to be covered include terminology, advanced imaging, management, prognosis, and associated topics. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5206

**Gastrointestinal/Genitourinary Tract Imaging**

30 hours, 2 credits

A tutorial group (session) and laboratory (film and anatomy) course focuses upon disorders of the Gastrointestinal / Genitourinary Tract. This course represents an intermediate level study of the anatomic, etiologic, conventional imaging, and advanced imaging of the Gastrointestinal / Genitourinary Tract and related disorders.

RAD 5302

**Physical Injury of the Skeletal System**

15 hours, 1 credit

A tutorial group (session) and laboratory course focuses upon physical injury (trauma) of the skeletal system. This course represents an intermediate level study of the etiologic and diagnostic imaging manifestations of physical injury of the skeletal system and related disorders. Additional areas to be covered include terminology, advanced imaging, management, prognosis, and associated topics. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5304

**Internal Derangement of Joints**

15 hours, 1 credit

A tutorial group (session) and
laboratory (film and anatomy) course focuses upon internal derangement of joints. This course represents an intermediate level study of the etiologic and advanced imaging (MRI) of internal derangement of joints and related disorders. Additional areas to be covered include principals of magnetic imaging, terminology associated with internal derangement of joints, diagnostic imaging manifestations, management, prognosis, and associated topics. Identification of advanced imaging (MRI) abnormalities will be emphasized.

RAD 5306

Neuroimaging
30 hours, 2 credits

An intermediate level course using tutorial group (session) and laboratory (film and anatomy) focusing upon the anatomic, etiologic, conventional imaging, and advanced imaging of the brain and spinal cord.

RAD 5402

Advanced Hematopoietic, Metabolic, Endocrine and Nutritional Disturbances of Bone
22.5 hours, 1.5 credits

A tutorial group (session) and laboratory course focusing upon hematopoietic, metabolic, endocrine and nutritional disturbances of bone. This course represents an advanced level study of the pathologic and diagnostic imaging manifestations of these disorders. Additional imaging, management, prognosis, and allied topics. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5404

Advanced Infectious Disorders of Bone
7.5 hours, .5 credit

A tutorial group (session) and laboratory course focusing upon infectious lesions of bone. This course represents an advanced level study of the pathologic and diagnostic imaging manifestations of osteomyelitis and infectious related disorders. Additional areas to be covered include epidemiology, general diagnostic criteria, advanced imaging, management, prognosis, and associated diseases. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5406

Advanced Chest Imaging
30 hours, 2 credits

A tutorial group (session) and laboratory (film and anatomy) course focuses upon normal and pathologic conditions of the thorax. This course represents an advanced level study of the epidemiological, plain film radiographic and advanced imaging manifestations of pathologic disorders of the chest. Additional areas to be covered include terminology, associated imaging, management, prognosis, and associated topics.

RAD 5502

Advanced Arthritides
15 hours, 1 credit

A tutorial group (session) and laboratory course focusing upon articular abnormalities. This course represents an advanced level study of the pathologic and diagnostic imaging manifestations of arthritis and arthritic related disorders. Additional areas to be covered include epidemiology, general diagnostic criteria, advanced imaging, management, prognosis, and associated diseases. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5504

Advanced Neoplastic and Neoplastic-Like Lesions of Bone
15 hours, 1 credit

A tutorial group (session) and laboratory course focuses upon neoplastic and neoplastic-like lesions of the musculoskeletal system. This course represents an advanced level study of the epidemiological and diagnostic imaging manifestations of neoplastic and neoplastic-like lesions of the musculoskeletal system and related disorders. Additional areas to be covered include terminology, advanced imaging, management, prognosis, and associated topics.
Identification of plain film radiographic abnormalities will be emphasized.

**RAD 5506**

*Advanced Gastrointestinal/Genitourinary Tract Imaging*

*30 hours, 2 credits*

A tutorial group (session) and laboratory (film and anatomy) course focuses upon disorders of the Gastrointestinal / Genitourinary Tract. This course represents an advanced level study of the anatomic, etiologic, conventional imaging, and advanced imaging of the Gastrointestinal / Genitourinary Tract and related disorders.

**RAD 5508**

*Special Topics in Clinical Radiology I*

*30 hours, 2 credits*

This course is an in-depth examination of a specific topic in radiology. The graduate student will assess the state of the current literature on a specific subject with purpose of communicating the information in the form of a case study suitable for publication. Content will be based on the subject selected and will discuss the epidemiology and pathogenesis, clinical presentation, diagnostic features with an emphasis on diagnostic radiology, treatments, prognosis and outcomes.

**RAD 5602**

*Advanced Physical Injury of the Skeletal System*

*15 hours, 1 credit*

A tutorial group (session) and laboratory course focuses upon physical injury (trauma) of the skeletal system. This course represents an advanced level study of the etiologic and diagnostic imaging manifestations of physical injury of the skeletal system and related disorders. Additional areas to be covered include terminology, advanced imaging, management, prognosis, and associated topics. Identification of plain film radiographic abnormalities will be emphasized.

**RAD 5604**

*Advanced Internal Derangement of Joints*

*15 hours, 1 credit*

A tutorial group (session) and laboratory (film and anatomy) course focuses upon internal derangement of joints. This course represents an advanced level study of the etiologic and advanced imaging (MRI) of internal derangement of joints and related disorders. Additional areas to be covered include principals of magnetic imaging, terminology associated with internal derangement of joints, diagnostic imaging manifestations, management, prognosis, and associated topics. Identification of advanced imaging (MRI) abnormalities will be emphasized.

**RAD 5606**

*Advanced Neuroimaging*

*30 hours, 2 credits*

An advanced level course using tutorial group (session) and laboratory (film and anatomy) focusing upon the anatomic, etiologic, conventional imaging, and advanced imaging of the brain and spinal cord.

**RAD 5608**

*Business of Radiology*

*30 hours, 2 credits*

A business course designed for the Masters of Science in Diagnostic Imaging in which the basic fundamentals of business will be discussed. This course will assist residents in accounting, marketing, strategic planning, organizational framework of a chiropractic radiology practice. Students will be able to identify potential markets, streamline practice growth, and have a basic understanding of the business culture related to health care. They will be able to apply these basic principles to their radiology practice. This course will assist students in identifying the marketing trends that are pertinent in the health care industry. As the health care market evolves it is necessary for the health care profession to understand the principles and applications of business in the health care environment. This will be a graduate level business course with a health care concentration.
RAD 5702

*Congenital Anomalies and Skeletal Dysplasias*
*30 hours, 2 credits*

A tutorial group (session) and laboratory course focusing upon congenital anomalies and skeletal dysplasias. This course represents an advanced level study of the pathologic / genetic and diagnostic imaging manifestations of congenital anomalies and skeletal dysplastic related disorders. Additional areas to be covered include epidemiology, general diagnostic criteria, advanced imaging, management, prognosis, and associated diseases. Identification of plain film radiographic abnormalities will be emphasized.

RAD 5704

*Principles of Diagnostic Imaging*
*30 hours, 2 credits*

A tutorial group (session) and laboratory course focusing upon principals of diagnostic imaging. This course represents an advanced study of the physical principals involved in obtaining plain film radiographs, radiation protection, radiobiology, and advanced imaging.

RAD 5706

*Teaching Practicum I*
*30 hours, 2 credits*

This course is the first in a series of three teaching practicum where the graduate student will be directing the instruction of professional level courses at NYCC. The student will take the responsibility of course director for one radiology course in the DC program. The teaching experience will vary, depending upon course offerings at the time, but will typically include one of the following: physics of diagnostic imaging, normal spinal radiological anatomy, normal extraspinal radiological anatomy, soft tissue and advanced imaging, radiographic positioning or an elective class. The MSDI student will act under the guidance of the MSDI director.

RAD 5802

*Special Topics in Clinical Radiology II*
*30 hours, 2 credits*

This course is a second look at an in-depth examination of a specific topic in radiology. The graduate student will assess the state of the current literature on a specific subject with purpose of communicating the information in the form of a case study suitable for publication. Content will be based on the subject selected and will discuss the epidemiology, pathogenesis, clinical presentation, diagnostic features with an emphasis on diagnostic radiology, treatments, prognosis and outcomes.

RAD 5902

*Special Topics in Clinical Radiology III*
*30 hours, 2 credits*

This course is an in-depth examination of four specific topics in radiology. The graduate student will assess the state of the current literature of four specific subjects with the purpose of communicating the information in the form of a presentation to interns enrolled in the doctor of chiropractic program and their supervising clinicians. The selected topics should be based upon clinical cases encountered by the graduate student during his/her residency and must include the following: three musculoskeletal case studies all of which must have plain films, at least one must be of the spine, and at least one must
have advanced imaging; and one other case study, in either chest, abdomen, or neuroradiology areas. Content will be based on the subject selected and will discuss the epidemiology, pathogenesis, clinical presentation, diagnostic features with an emphasis on diagnostic radiology, treatments, prognosis and outcomes.

RAD 5906

Teaching Practicum III
30 hours, 2 credits

This course is the third in a series of three teaching practicum where the graduate student will be directing the instruction of professional level courses at NYCC. The student will take the responsibility of course director for one radiology course in the DC program. The teaching experience will vary, depending upon course offerings at the time, but will typically include one of the following: physics of diagnostic imaging, normal spinal radiological anatomy, normal extradural radiological anatomy, soft tissue and advanced imaging, radiographic positioning or an elective class. The MSDI student will act under the guidance of the MSDI director.

RES 5208

Experimental Design and Research Methodologies
30 hours, 2 credits

A discussion meeting / on-line course designed to introduce the graduate student to typical biomedical research methods. This advanced course will require the student to critically review a number of current journal articles in the field of Radiology.

RES 5308

Experimental Analysis
30 hours, 2 credits

A discussion / on-line course designed to introduce the graduate student to typical methods in analyzing biomedical data using descriptive and inferential statistics. This course will help guide the graduate student in developing research studies, conducting statistical analyses and reading / evaluating the literature.

RES 5410

Thesis I
30 hours, 2 credits

This course is an intermediate step in the creation of the graduate student’s thesis project. The graduate student will determine a hypothesis or question to answer in the field of diagnostic imaging, perform a literature review and develop a research methodology to answer that question. Content will be based on the subject selected and will discuss the feasibility of the project, introduction, method, discussion, conclusion of the literature review, and sample, measures, design, procedures of the methodology.

RES 5810

Thesis II
30 hours, 2.0 credits

This course is the second intermediate step in the creation of the graduate student’s thesis project. After having previously formulated a research hypothesis, performed a literature review and developed a research method, the student will examine the research data and present the results analysis. Content will be based on the subject selected and will discuss the data preparation, descriptive statistics and conclusion validity.

RES 5910

Thesis III
30 hours, 2 credits

This course is the final step in the creation of the graduate student’s thesis project. After having previously formulated a research hypothesis, performed a literature review, developed a research method, analyzed the research results, the student will finalize the project by developing an introduction, discussing the results, giving recommendations and concluding on the project. Content will be based on the subject selected and will include the creation of a title page, structured abstract, introduction, methods, results, discussion, recommendations, conclusion and references. Emphasis will be placed on the introduction and discussion portions of the thesis, as the methods and results have been previously assessed.
Academic Warning
A student is placed on academic warning when any one of the following occurs:

- a grade of F, XF, or WF is earned;
- two or more grades of C are earned in one trimester;
- a trimester GPA under 3.0 is earned.

A student on academic warning is in good academic standing and ordinarily eligible to continue in the full program, unless a grade of F, XF, W, or WF is obtained in a course. Such a course must be repeated the next time the course is offered. This will affect the student’s program, as any course(s) for which the course being repeated is a prerequisite, or with which it conflicts, cannot be taken during that trimester. This may also impact the student’s anticipated graduation date. A student on academic warning must meet with the Dean of the Center for Excellence in Learning and Teaching (CELT) during the trimester to assess progress.

Academic Probation
A student is placed on academic probation when any of the following occurs:

- a grade of F, XF or WF is earned and the trimester GPA is less than 3.0;
- the cumulative GPA falls below 3.0;
• a student quantitatively fails to complete 77% of the course work attempted during a given trimester of enrollment.

A student on academic probation:

• may be required to carry a reduced course load;

• may not fail any courses attempted during the trimester of probation – including any courses in which a grade of F, XF, or WF had been obtained during the previous trimester – and must earn a trimester GPA of 3.0 or better;

• any course in a given trimester for which the course(s) being repeated serves as a prerequisite, or which has a schedule conflict with the repeated course(s), cannot be taken;

• this will additionally affect the student’s program and anticipated graduation date (fellowships will not be extended);

• a student on academic probation must meet with the Dean of the Center for Excellence in Learning and Teaching (CELT) during the trimester to assess academic progress;

• if the cumulative GPA has also fallen below 3.0, it must be raised to 3.0 or better.

Failure to meet these criteria during the next trimester results in academic dismissal. A student is ordinarily permitted only one trimester of academic probation during his/her academic career at NYCC. Additional probation may only be granted by the dean of the program.

### Academic Dismissal

A student is academically dismissed when he/she:

• fails to achieve a GPA of 2.00 or better in the first trimester;

• fails to comply with all terms of academic probation;

• meets the criteria of academic probation for a second time;

A first academic dismissal may be appealed. Reinstatement to the academic program is contingent upon approval of the Academic Standing Committee. Upon reinstatement, the student must maintain satisfactory academic progress for the duration of his/her program. Failure to do so will result in permanent separation from the College.

### Course Descriptions

**AST 6556**

*Preparation as a College Educator*

Prerequisites: Entrance requirements

This interactive course will explore the elements of how to prepare and deliver courses at the college level. The content will include adult education theories, current educational research and course design. Class discussion and projects will include practical and theoretical aspects of course design including: parameters of learning objectives and syllabus design, decisions in course content, preparation and delivery, assessment design, analysis and grading and issues of instructional inclusiveness.

**CAN 5203**

*Teaching Methodology*

Prerequisite: Preparation as a College Educator

Continuation of topics covered in Preparation as a College Educator. This interactive course will explore the elements of teaching and assessment in medical education. The content will build upon previous theories and teaching methods with an emphasis on effective teaching, skilled educational planning and informed assessment and evaluation.
**CAN 5302**  
*Cross Sectional Imaging Anatomy*  
Prerequisites: Entrance requirements  
A Web-based/self-directed course examining advanced topics in medical imaging anatomy, concentrating on cross-sectional images such as magnetic resonance imaging and computed tomography.

**CAN 5102**  
*Developmental Anatomy*  
Prerequisites: Entrance requirements  
Gametogenesis, gastrulation, neurulation, implantation and the physiology of human pregnancy. The embryology, growth and development of the circulatory system. Musculoskeletal embryology and limb development. The embryology and development of the gastrointestinal, respiratory and urinary systems. The anatomy and function of the thoracic viscera, with emphasis on the heart, pulmonary system, and the autonomic nervous system.

**CAN 5101**  
*Special Topics - Gross Anatomy*  
Prerequisites: Entrance requirements  
This course is an in-depth examination of specific topics in general gross anatomy, examined in greater detail than in the required prerequisite human gross anatomy sequence. Content will be organized around organ systems, with particular emphasis on developmental and acquired diseases and defects, and implications for health and well-being.

**CAN 5201**  
*Special Topics – Neuroanatomy*  
Prerequisites: Entrance requirements  
This course is an in-depth examination of specific topics in neuroanatomy and neurophysiology, examined in greater detail than in the required prerequisite neurosciences sequence. Content will address clinical applications, with particular emphasis on developmental and acquired diseases and defects, and implications for health and well-being.

**CAN 5301**  
*Special Topics – Histology*  
Prerequisites: Entrance requirements.  
This course is an in-depth examination of specific topics in histology, examined in greater detail than in the prerequisite cell and tissue biology prerequisite. Content will be organized around tissues and organ systems, with particular emphasis on organogenesis, genetic control of development, developmental defects, and implications for postnatal health and well-being. When resources permit, hands-on preparation and examination of histological specimens will be included in the course.

**CAN 5503**  
*Seminar in Anatomical Sciences*  
Prerequisite: Admission to MSCA program  
A seminar in topic relevant to anatomical education at the professional school level (including chiropractic, medical, osteopathic, podiatric, and nursing programs). Professionals in anatomical education and related disciplines will address students on various topics related to professional basic sciences education.
RES 5601

Experimental Design and Research Methodologies

Prerequisites: Admissions requirements

A self-directed on-line course designed to introduce the graduate student to typical methods in analyzing biomedical data using descriptive and inferential statistics. This course will help guide the graduate student to preparing a thesis.

CAN 5502

Advanced Special Dissection

Prerequisites: Entrance requirements

A practical course in which the students, under the direction of the course coordinator, will complete specific dissections upon a prosection cadaver. The dissections will be prepared for the purpose of serving as demonstration specimens for the anatomy components of the DC and A.O.M. programs.

CAN 5401

Teaching Practicum

Prerequisite: Preparation as a College Educator II

In the second year of the program, the student will fully participate in the teaching of professional level courses at one of the three participating institutions. The teaching experience will vary, depending upon course offerings at the participating institutions, but will typically include gross anatomy, neuroanatomy, embryology and histology. The MSCA student will act as an assist/co-lead instructor under the guidance of the particular course coordinator.

CAN 5601

Thesis Research

Prerequisite: Approval of thesis director

Research toward a topic approved by the student’s thesis committee. May be taken for 1 to 6 hours of credit, up to a maximum of 6 hours of credit.
The New York Chiropractic College Center for Postgraduate and Continuing Education offers a wide variety of seminars designed for practicing doctors of chiropractic and practitioners of acupuncture and Oriental medicine. Presented by practicing healthcare providers with established expertise in their fields, these seminars provide the field practitioner with important clinical perspectives in topics such as principles, diagnostic imaging, techniques, skills, neurodiagnostics, and alternative/complementary healthcare.

The Postgraduate department also offers a number of courses throughout the country for fulfillment of individual state license renewal requirements, in addition to diplomate and certificate programs.

Program credits can be utilized to fulfill the annual continuing education requirements of managed-care and health maintenance organizations.

For more information or a complete listing of all postgraduate programs, please call 800-434-3955, or visit our Web site at www.nycc.edu and click on POSTGRADUATE.
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Dean of the School of Acupuncture and Oriental Medicine/Assistant Professor. MAC, New England School of Acupuncture, 1997; BS, The Pennsylvania State University, 1986

Wright, Jason A.
Assistant Professor. MS, Bastyr University, 1996; BS, Bastyr University, 1995

Zhang, Qunce
Assistant Professor. CMD, Beijing University of Chinese Medicine and Pharmacology, 1985

LIBRARY

Boni, Bethyn A.
Associate Librarian. MLS, SUNY Buffalo, 1996; BA, SUNY Potsdam, 1977

Kanaley, Daniel
Director/Associate Librarian. MLS, State University College of Arts and Sciences, Geneseo, 1973; MS, SUNY Binghamton, 1982; MA, SUNY Albany, 1970; BA, SUNY Oswego, 1969

Sheldon, John C.
Associate Librarian. MLS, Syracuse University, 1990; BS, Westbrook College, 1983; AA, Westbrook College, 1980

RESEARCH

Burke, Jeanmarie R.
Director of Research/Associate Professor. PhD, Indiana University, 1991; MS, Indiana University, 1987; BS, Iona College, 1983

Koo, Kwok Keung
Assistant Professor. PhD, Hong Kong Polytechnic University, 2002; MA, Hong Kong Polytechnic University, 1995; BA, Hong Kong Polytechnic University, 1992

FELLOWS

Ball, Jennette
Fellow. DC, New York Chiropractic College, 1997; BS, Regents College, 1997
Callahan, Erica  
Fellow. DC, New York  
Chiropractic College, 2007; BS,  
Roberts Wesleyan College, 2004

Dooley, Kathy J.  
Fellow. DC, Logan College of  
Chiropractic, 2007; BS, Logan  
College of Chiropractic, 2005

Forbes, Audrey G.  
Fellow. DC, New York  
Chiropractic College, 2004; BS,  
Queen’s University, 1999

Passmore, Steven R.  
Fellow. DC, New York  
Chiropractic College, 2006; MS,  
University of Nevada Las Vegas,  
2003; BS, McMaster University,  
2001

**RESIDENTS**

Lee, Anna H.  
Resident. DC, Parker College of  
Chiropractic, 2001

**INSTRUCTIONAL STAFF**

Cunningham, Christine M.  
Laboratory Technologist/  
Assistant Professor. MS, SUNY  
Stony Brook, 1988; BS, SUNY  
Stony Brook, 1981; AS, SUNY  
Morrisville, 1979

Miller-Throm, Susan L.  
Instructor. MSW, Our Lady of  
the Lake University, 1993; BSW.,  
SUNY Brockport, 1992; AA,  
Delhi, 1990

Mittak, Veronica L.  
Lab Technician/Instructor.  
MPH, ATSU School of Health  
Management, 2006; MA, A.T.

**Adjunct Faculty**

Still University of Health  
Sciences, 2006; BA, University of  
Wisconsin, 1985

Pittenger, Susan D.  
Instructor. MS, SUNY Brockport,  
1995; BS, SUNY Brockport, 1975

VanTyle, Peter R.  
Instructor. LLM, Boston  
University, 1980; JD, Syracuse  
University, 1978; MA, Dartmouth  
College, 1997; BA, University of  
North Carolina at Chapel Hill,  
1975

**Basic Sciences**

Brown, Kimberly S.  
Assistant Professor. DC, New  
York Chiropractic College, 2003;  
MA, SUNY College Geneseo,  
1989; BS, University of Cincinnati,  
1987

Coon, Scott D.  
Assistant Professor. DC, New  
York Chiropractic College, 1994;  
BA, SUNY Oswego, 1991

Lentini, Michael L.  
Assistant Professor. DC, National  
College of Chiropractic, 1991; BS,  
National College of Chiropractic,  
1989; BA, Hamilton College, 1985

**Chiropractic Clinical Sciences**

Albro, Jeb R.  
Instructor. DC, New York  
Chiropractic College, 2003; MS,  
SUNY Oswego, 1998; BS, SUNY  
Oswego, 1995

Arma, Christopher J.  
Instructor. DC, New York  
Chiropractic College, 2007; BS,  
SUNY Cortland, 2003

Cohen, Jeffrey H.  
Assistant Professor. DC, Palmer  
College of Chiropractic, 1975; BA,  
University of Pittsburgh, 1967

Hillenbrand, Michael J.  
Instructor. DC, New York  
Chiropractic College, 2006; BPS,  
New York Chiropractic College,  
2005

House, Edward P.  
Instructor. DC, New York  
Chiropractic College, 2006; BS,  
Ithaca College, 1976

Larsen, Kurt A.  
Instructor. DC, Northwestern  
College of Chiropractic, 1983

LeBaron, Brian M.  
Graduate Associate. DC, New  
York Chiropractic College, 2007;  
BS, SUNY Buffalo, 2004

Loda, Jessica E.  
Instructor. DC, New York  
Chiropractic College, 2003; BS,  
University of Connecticut, 1992

Petters, David F.  
Assistant Professor. DC, New  
York Chiropractic College, 1986;  
BS, SUNY Stony Brook, 1978

Sellyei, Lynn A.  
Instructor. DC, New York  
Chiropractic College, 2006

Sullivan, Edward J.  
Assistant Professor. DC,  
Northwestern College of  
Chiropractic, 1991; BA, Hartwick  
College, 1987
VanLoon, Meghan B.
Assistant Professor. DC, Northwestern College of Chiropractic, 1991; BS, Ithaca College, 1985

**HEALTH CENTERS**

Barwinczak, Lisa M.
Instructor. DC, New York Chiropractic College, 2002; AAS, Cayuga Community College, 1998

D’Amico, John
Instructor. DC, New York Chiropractic College, 1992

Dunn, Andrew S.
Assistant Professor. DC, New York Chiropractic College, 1999; MS, D’Youville College, 2005; MEd, Springfield College, 1996; BS, Springfield College, 1994

Holland, Daniel J.
Instructor. DC, New York Chiropractic College, 2004; BS, Rochester Institute of Technology, 1999

Kearney, Terence K.
Assistant Professor. DC, Palmer College of Chiropractic West – 1989; BA, San Jose State University, 1985

Kupferman, Lloyd H.
Instructor. DC, New York Chiropractic College, 1981; BA, C.W. Post Center of Long Island University, 1978

Mangels, Ralph

Morgan, William E.
Professor. DC, Palmer College of Chiropractic - West, 1985; BS, Regents College, 1996

SanFilipo, Fred L.
Assistant Professor. DC, New York Chiropractic College, 1981; BS, St. Bonaventure University, 1978

Sokolowski, Mark D.
Instructor. DC, Palmer College of Chiropractic, 1985

Vasakiris, Christos
Instructor. DC, New York Chiropractic College, 1989; BS, State University of New York, 1984

Ventura, John M.
Assistant Professor. DC, National College of Chiropractic, 1983; BA, University of Rochester, 1977

**ACUPUNCTURE AND ORIENTAL MEDICINE**

Fazio, Anthony L.
Instructor. BA, Thomas A. Edison State College, 1996

Isacks, Bryan L.
Instructor. MS, New York Chiropractic College, 2007; BA, North Carolina School of Arts, 1998

McDaniel, Douglas C.
Assistant Professor. MS, Pacific College of Oriental Medicine, 1995; BA, Fordham University, 1981

Murphy, Mary L.
Associate Professor. BS, SUNY Binghamton, 1994; BS, Cornell University, 1983

Thomas-Costello, M. Abigail
Instructor. MS, New York Chiropractic College, 2006; BS, State University of New York, 1996

**NUTRITION**

Arar, Ilija
Assistant Professor. DC, New York Chiropractic College, 2000; BS, McMaster University, 1994

Burke, Jeanmarie R.
Director of Research/Associate Professor. PhD, Indiana University, 1991; MS, Indiana University, 1987; BS, Iona College, 1983

Hindman, Diane E.
Associate Professor. MD, University of Maryland, 2002; MS, Georgia Southern University, 1995; BS, University of Connecticut, 1990

Kamb, Ellen J.
Assistant Professor. PhD, Columbia Pacific University, 1987; RN, Regents College, 1995

LaValle, James
ND, Central States College of Health Sciences, 1997; MS, Lafayette University, 1993; BS, Lafayette University, 1991; BS, University of Cincinnati College of Pharmacy, 1983
Rasmussen, Oscar G.
Assistant Professor. PhD,
University of Illinois at the
Medical Center, Chicago, 1966;
MS, University of Illinois at the
Medical Center, Chicago, 1958;
BS, University of Illinois at the
Medical Center, Chicago, 1954

Stanton-Mau, Alicia Marie
Associate Professor. MD,
SUNY Buffalo, 1990; BS, SUNY
Geneseo, 1985

Wedman-St Louis, Elizabeth
Assistant Professor. PhD, The
Union Institute, 1995; MS,
Northern Illinois University, 1973;
BS, University of Minnesota, 1968
Travel Directions to NYCC

To Seneca Falls via major highways:
From the New York City area and New Jersey, take I-80 west into Pennsylvania and I-380 to I-81 near Scranton. Take I-81 north through Syracuse to I-90 (New York Thruway). Take Thruway west to Exit 41 and follow local directions below.

From Rockland, Orange and Sullivan counties take Route 17 to Binghamton and I-81 north. Reach I-81 from Philadelphia area via PA Turnpike NE Extension, or from western PA via I-80.

From New England take I-90 (MA Turnpike) west to Albany; continue on I-90 (NY Thruway) to Exit 41.

From Buffalo and points west, take I-90 east (becomes NY Thruway at Buffalo) to Exit 41 and follow local directions below.

From Ithaca area take Route 89 north directly to campus. From Corning area take Route 414 north to Seneca Falls; turn right at traffic light (Bayard St.) and continue to campus.

Local directions:
From Thruway Exit 41 (Waterloo/Clyde) turn right onto Route 414 south. Turn left at first traffic light (Route 318) and continue 3 miles to end. At stop sign turn left for 50 yards, then right onto Route 89 south. Take 89 three miles to campus. Main entrance is 200 yards beyond the 4-way stoplight.

2360 Route #89
Seneca Falls NY 13148-0800
Telephone 800-234-6922 (NYCC) or 315-568-3040
Fax 315-568-3087
Web www.nycc.edu
**Fall Trimester, 2008**

**September 10 – December 19, 2008**

Beginning of 10th Trimester (DC students) ............................................................... Monday, August 18
Labor Day .............................................................................................................. Monday, September 1
Classes Begin ........................................................................................................ Wednesday, September 10
Drop/Add Course Deadline ................................................................................... Friday, September 19
*Last Day to Officially Withdraw from Classes ....................................................... Friday, November 14
Thanksgiving Recess (no classes) ................................................................. **Wednesday, November 26 – Sunday, November 30
End of 10th Trimester (DC students) ................................................................. Monday, November 24
End of Trimester ...................................................................................................... Friday, December 19

**Winter Trimester, 2009**

**January 7 – April 17, 2009**

Beginning of 10th Trimester (DC students) ............................................................... Monday, December 22, 2008
Classes Begin ........................................................................................................... Wednesday, January 7
Drop/Add Course Deadline ................................................................................... Friday, January 16
Martin Luther King, Jr.’s Birthday (no classes) ....................................................... Monday, January 19
President’s Day (no classes) ................................................................................... Monday, February 16
*Last Day to Officially Withdraw from Classes ....................................................... Friday, March 13
End of 10th Trimester (DC students) ..................................................................... Monday, March 30
End of Trimester ...................................................................................................... Friday, April 17

**Spring Trimester, 2009**

May 6 – August 14, 2009

Beginning of 10th Trimester (DC students) ............................................................... Monday, April 20
Classes Begin ......................................................................................................... Wednesday, May 6
Drop/Add Course Deadline ................................................................................... Friday, May 15
Memorial Day (no classes) ..................................................................................... Monday, May 25
Independence Day (no classes) ............................................................................... Friday, July 3
*Last Day to Officially Withdraw from Classes ....................................................... Friday, July 10
End of 10th Trimester (DC students) ..................................................................... Monday, July 27
End of Trimester ...................................................................................................... Friday, August 14

* This date is only for courses which meet for the full 15 weeks of the trimester. For all other courses, the last day to withdraw with a grade of “W” is prior to completion of two-thirds of the course.

** Health center will be open.
**Fall Trimester, 2009**

**September 9 – December 18, 2009**

Beginning of 10th Trimester (DC students) ................................................................. Monday, August 17
Labor Day ..................................................................................................................... Monday, September 7
Classes Begin .............................................................................................................. Wednesday, September 9
Drop/Add Course Deadline ...................................................................................... Friday, September 18
*Last Day to Officially Withdraw from Classes ...................................................... Friday, November 13
Thanksgiving Recess (no classes) ................................................................. **Wednesday, November 25 – Sunday, November 29
End of 10th Trimester (DC students) ................................................................ Monday, November 30
End of Trimester ........................................................................................................... Friday, December 18

**Winter Trimester, 2010**

**January 6 – April 16, 2010**

Beginning of 10th Trimester (DC students) ................................................................. Monday, December 21, 2009
Classes Begin .............................................................................................................. Wednesday, January 6
Drop/Add Course Deadline ...................................................................................... Friday, January 15
Martin Luther King, Jr.’s Birthday (no classes) ........................................................ Monday, January 18
President’s Day (no classes) ..................................................................................... Monday, February 21
*Last Day to Officially Withdraw from Classes ...................................................... Friday, March 12
End of 10th Trimester (DC students) ................................................................ Monday, March 29
End of Trimester ........................................................................................................... Friday, April 16

**Spring Trimester, 2010**

**May 5 – August 13, 2010**

Beginning of 10th Trimester (DC students) ................................................................. Monday, April 19
Classes Begin .............................................................................................................. Wednesday, May 5
Drop/Add Course Deadline ...................................................................................... Friday, May 14
Memorial Day (no classes) ......................................................................................... Monday, May 31
Independence Day (no classes) ................................................................................ Friday, July 2
*Last Day to Officially Withdraw from Classes ...................................................... Friday, July 9
End of 10th Trimester (DC students) ................................................................ Monday, July 26
End of Trimester ........................................................................................................... Friday, August 13

* This date is only for courses which meet for the full 15 weeks of the trimester. For all other courses, the last day to withdraw with a grade of “W” is prior to completion of two-thirds of the course.

** Health center will be open.