Academic Program
MA - Human Skeletal Biology Track

Overview:
- Two-Year Program
- 36 points & MA Thesis

Required Courses:
- Departmental Seminar
- Human Osteology and Odontontology
- Interpreting the Human Skeleton
- Human Genetics and Variation
- Laboratory or Field Internship
- Statistics

Elective Courses (A Sampling):
- Dental Anthropology
- Paleopathology
- Faunal Analysis
- Archaeological Method & Technique
- Evolutionary Morphology
- Fossil Evidence Human Evolution
- Gross Anatomy Methods
- Geoarchaeology and GIS
- Biomechanics
- Forensic Psychology
- Forensic Anthropology
- Isotopic Methods in Anthropology

Facilities at NYU

Skeletal Morphology Laboratories:
The Department of Anthropology houses several skeletal biology laboratories:
- Human Osteology Laboratory
- Faunal Analysis Laboratory
- Dental Anthropology Laboratory
- Comparative Morphology Laboratory
- Paleoanthropology Laboratory

These house extensive teaching and research collections including whole and fragmentary skeletons and instructional sets for assessing skeletal age and sex, dental anatomy and variation; mammalian, nonmammalian and domesticated fauna; nonhuman primate (NHP) skeletons and cadavers; excellent cast collections of Paleogene to Pleistocene NHP fossils and fossil hominins; computer workstations, laser scanners, digitizers and software for collecting and analyzing 2D and 3D datapoints.

Molecular Anthropology Laboratories:
The department also houses one of the best equipped molecular primatology laboratories in the country with bench space for up to 10 simultaneous researchers. All equipment required for DNA extraction, typing, sequencing, and quantification as well as an ancient DNA extraction facility.

Program Information:
http://www.nyu.edu/gsas/dept/anthro/index.htm

New York University
Department of Anthropology
MA - Physical Anthropology

Human Skeletal Biology Track:
Osteology, Genetics, Bioarchaeology, Forensic Anthropology

MA in Skeletal Biology
Dept. Anthropology, New York University
25 Waverly Place, New York, NY 10003
Human skeletal biology forms the foundation of applied and academic sub-disciplines of Physical Anthropology including Bioarchaeology, Forensic Anthropology, and Paleoanthropology. This MA track provides focused training in the theories, research methods, and techniques of skeletal biology including those in human osteology and variation, genetics, and archaeological aspects of mortuary analysis.

Through coursework, practical internships, and primary research, the program prepares graduates to apply these research principles and techniques to a variety of contexts, especially in Forensic Anthropology (i.e., Medical Examiner’s Office, Criminal Justice) and Bioarchaeology. The program is also useful training for students who are preparing for admission to doctoral programs in skeletal biology, genetics, or human evolution.

The program focuses on the integral connection between primary research and the development and application of methodological techniques. Coursework emphasizes the importance of variation and context when interpreting the medico-legal and archaeological significance of human remains. Internships provide mastery of critical skills.

The faculty includes 10 core members of the NYU department of Anthropology (7 biological anthropologists and 3 archaeologists). Affiliated human skeletal biologists from around New York city are available as research resources and/or as intern mentors.

Program Information:
http://www.nyu.edu/gsas/dept/anthro/programs.htm

Director, MA in Skeletal Biology
Dept. Anthropology, New York University
25 Waverly Place, New York, NY 10003

Application Forms:
http://www.nyu.edu/gsas/Admissions/AdmApp.htm

New Deadline
MARCH 1

Program Requirements:
Formal requirements include 36 points of coursework (see overleaf) including an internship and a written master’s thesis based on original osteological or genetic research. Program highlights include: yearlong forensic colloquia and opportunities for lab internships at NYU and other institutions.

Core Faculty – NYU Anthropology
Susan Antón - Director, Human osteology & evolution
Shara Bailey - Odontology and Dental Evolution
Pamela Crabtree – Zooarchaeology
Todd Disotell - Molecular Anthropology
Terry Harrison - Primate Anatomy & evolution
James Higham - Primate Behavior
Cliff Jolly - Primate Evolution
Scott Williams – Functional morphology & evolution
Randall White - Archaeology & mortuary context
Rita Wright - Archaeology & Urbanism

Affiliated Laboratories & Institutions:
NYU School of Dentistry - Anatomy
Office of the Chief Medical Examiner, NY
NJ Office of the Regional Medical Examiner, New Jersey State Police, Hamilton, NJ
National Museum of Health and Medicine
City and State University New York
American Museum of Natural History
NYU – Human Skeletal Biology
Resource Faculty - Other Institutions:

Office of the Chief Medical Examiner, NY
Anthropology
Bradley Adams, DABFA - Forensic Anthropology
Kristen Hartnett, DABFA - Forensic Anthropology
Benjamin Figura – F.A. & Missing Persons
Christopher Rainwater – F.A. & Photography

Office of the Chief Medical Examiner, NY
Genetics
Sheila Estacio Dennis – Forensic Genetics
Tony Tosi – Forensic Genetics

Armed Forces Medical Examiner System, DE
Christian Crowder, DABFA – Forensic Anthropology and Bone Histology

Regional Medical Examiner’s Office,
Newark, NJ
Gina Hart – Forensic Anthropology and Crime Scene Investigation

New Jersey State Police, Hamilton, NJ
Donna Fontana – Forensic Anthropology and Missing Persons

National Museum of Health & Medicine,
Washington, DC
Franklin Damann – Forensic Anthropology
Brian Spatola – Forensic Anthropology and Collections Management

American Museum of Natural History, NY
Will Harcourt-Smith - 3dGM, Human evolution
Gisselle Garcia Park – Collections Management

NYU - School of Dentistry
Eric Baker - Anatomy & Evolution
Tim Bromage – Skeletal Biology

City University New York
Hunter Anthropology
Herman Pontzer – Biomechanics, human evolution

City University New York
Lehman Anthropology
Will Harcourt-Smith – 3dGM, Paleoanthropology
Vincent Stefan, DABFA - Forensic Anthropology

City University New York
Queens Anthropology
Kate Pechenkina – Bioarchaeology
Felicia Madimenos – Human Biology
Sara Stinson - Human Biology

Adelphi University
Anagnostis P. Agelarakis - Bioarchaeology

State University NY, Downstate
Sam Márquez– Gross Anatomy

Seton Hall University
Rhonda Quinn – Geoarchaeology, stable isotopes, paleoecology, gross anatomy

Wagner College
Celeste Gagnon - Bioarchaeology

Completed Masters Theses
http://anthropology.as.nyu.edu/object/antho.completedmatheses