

# *Physical Anthropology*

The CUNY Physical Anthropology subprogram is a central component of NYCEP (the New York Consortium in Evolutionary Primatology), also including NYU (Anthropology), Columbia (Ecology, Evolution and Environmental Biology--E3B) and the American Museum of Natural History (Richard Gilder Graduate School [of Comparative Biology]). All CUNY Physical Anthropology students are automatically NYCEP students, with requirements, responsibilities and benefits thereof. There are three research foci or tracks in NYCEP, "behavior" (including primate social behavior, ecology and conservation), "genetics" (population genetics, genomics, molecular systematics & phylogeny and aspects of human adaptation) and "morphology" (comparative and functional morphology, systematics, primate paleontology and paleoanthropology). NYCEP course requirements include:

Three core courses in year 1 (one in each focal area), each often taught by two faculty

Quantitative methods (usually year 1)

Professional development (year 2)

Three "internships" (independent study classes supervised by a NYCEP faculty member or lab team; one with advisor; at least one to be directed by a faculty member from a university other than the student's home; at least one to be in an area outside the student's focal track; the latter two requirements may be combined in a single internship).

## **Year 1**

Foundational/broad course work. 24 credits recommended as indicated below :

Core sequence (9 credits)

Electives [3-15 credits, including (recommended, not usually required)]:

a) advanced courses taught by CUNY faculty, possibly including statistics;

b) advanced courses at other NYCEP institutions;

c) other advanced courses in relevant areas

Internship(s) (0-6 credits), usually to include one with student's advisor (not for credit unless there are insufficient advanced courses available)

1-2 courses in other subfields as available (Cultural/Linguistics and/or Physical/Archeology [taking P/A is rare, as many students will get waiver from 2 undergrad or 1 grad-level course in archaeology, including the second term of Paleoanthropology if taken): these are offered on a three semester rotation, so plan accordingly)

Attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars

Funded attendance at a (inter)national scientific meeting; presentation not required

Complete Responsible Conduct of Research (RCR) training

Students working with primates (human or nonhuman) should be part of a faculty member's IACUC or IRB, and should take the relevant training. Students working in labs need lab safety training.

Possible participation in [international] summer field experience, usually led by NYCEP faculty

Study for First Exam over the summer, based mainly on material in NYCEP core courses

First Exam in August

## **Year 2**

Continue Course work. 18-24 credits with following guidelines:

NYCEP Professional Development (credit in one semester, but biweekly throughout year)

1-2 courses in other subfields as available (Cultural/Linguistics and/or Physical/Archeology, see above)

Electives, including courses outside NYCEP as available  
statistics, if not yet taken  
morphologists required to take gross anatomy  
behaviorists required to take at least one conservation course

Internship(s) (3-6 credits)

Attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars;  
present brief "travelogue" report on summer fieldwork

Funded attendance at a (inter)national scientific meeting; presentation required

Complete Responsible Conduct of Research (RCR) training if not already

Possible participation in [international] summer field experience, usually led by NYCEP faculty

Begin language study in research language if not already (available at undergrad campuses---no credits)

Apply for transfer credits if applicable (fall semester following successful completion of the first exam)

Start Undergraduate Teaching (for students with Teaching Fellowship)

### **Year 3**

Continue course work (12-15) credits (unless received transfer credit) with following guidelines

Any remaining required subfield course(s) or other requirements (see above)

Any remaining required internship(s)

Electives

Language study continued as needed (no credit)

Attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars;  
present brief "travelogue" report on summer fieldwork if not previously; discuss research plans

Funded attendance at a (inter)national scientific meeting; presentation required

Submit partial research proposals to Sigma Xi and possibly Grad Center research award

Undergraduate Teaching

Work on dissertation proposal with advisor, select Second Exam Committee, develop bibliographies

NYCEP funding available for pilot research

Second Exam--Defend proposal and discuss bibliographies-- in late spring (or early next fall)

Submit dissertation proposals to funding agencies after complete Second Exam

Work on manuscript for publication (from internship or fieldwork)

### **Year 4**

Second Exam--Defend proposal and discuss bibliographies-- in early fall if not already

Submit dissertation proposals to funding agencies after complete Second Exam

Language Exam

Advance to Candidacy (formally select advisor)

Attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars;  
give update on plans or findings

Funded attendance at a (inter)national scientific meeting; presentation required

Submit partial research proposals to Sigma Xi and possibly Grad Center research award

Work on manuscript for publication (from internship or fieldwork)

Undergraduate Teaching

Begin dissertation research/data collection in and near New York if possible; travel to field or other research  
site if grant application(s) funded; resubmit if necessary

### **EITHER break down by year**

### **Year 5**

Continue dissertation research as necessary (behaviorists anticipate 12-15 months fieldwork; morphologists 3-  
12 months museum [possibly field] travel)

Defer/forfeit GC fellowship if applicable

Apply for Dissertation Year Fellowship if ready (and external write up grants if possible)

Funded attendance at a (inter)national scientific meeting possible; presentation required

When in New York, attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars; give update on findings

## **Year 6**

Complete dissertation data collection and begin intensive analysis, then writing

Finalize an outline for the dissertation with Advisor's approval

Apply for Dissertation Year Fellowships (and external write up grants)

Funded attendance at a (inter)national scientific meeting possible; presentation required

When in New York, attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars; give update on findings

## **Year 7**

Complete dissertation writing; get feedback from advisor, also from committee members if relevant

Select external reader if not already decided; may wish to see parts of dissertation or not

Funded attendance at a (inter)national scientific meeting possible; presentation required

When in New York, attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars

Work on selected part(s) of the dissertation or presentation papers for publication as articles

Defense

Graduation

Present summary of dissertation to NYCEP Friday Seminar

## **OR perhaps better**

### **Years 5-completion (under 7 years preferred)**

Continue dissertation research as necessary (behaviorists anticipate 12-15 months fieldwork; morphologists 3-12 months museum [possibly field] travel)

Defer/forfeit GC fellowship if applicable

Apply for Dissertation Year Fellowship if ready (and external write up grants if possible)

Funded attendance at (inter)national scientific meeting possible yearly; presentation required

When in New York, attendance at monthly (Thursday evening) NYRP lectures and bi-weekly (Friday afternoon) NYCEP seminars; give update on findings

Complete dissertation data collection and begin intensive analysis, then writing

Finalize an outline for the dissertation with Advisor's approval

Complete dissertation writing; get feedback from advisor, also from committee members if relevant

Select external reader if not already decided; may wish to see parts of dissertation or not

Work on selected part(s) of the dissertation or presentation papers for publication as articles

Defense

Graduation

Present summary of dissertation to NYCEP Friday Seminar