TO: Thesis Writers in Archaeology (Anthropology)
FROM: Gary Urton, Director of Undergraduate Studies
RE: Senior Theses

Below you will find information that should prove useful to you as you develop and write your honors thesis. Also included is information about deadlines, the evaluation process, and related requirements.

Three basic rules for writing a successful thesis:
1) find out how to do it right (read this Memo and consult your Teaching Fellows);
2) consult with your advisor frequently and submit drafts regularly for review;
3) leave time for rewriting and proofreading, and do not leave the conclusion until the last minute! The Abstract, Introduction, and Conclusion are three of the most important parts of your thesis as far as the reader is concerned, because the reader expects each to include statements on the significance and results of your research. In fact, revising your introduction once you've completed your entire thesis draft is highly recommended. In other words, are your introduction and conclusion meaningfully related to each other? Did you argue, analyze, and follow through with what you set out to do in the introduction?

Advising:
Your advisor should be able to guide you successfully through the thesis writing process. If problems do arise, however, please contact me right away. To help you along, all thesis writers and I will meet together periodically to review progress and to provide a forum for discussion about common issues and concerns. You also should enroll in the Anthropology Thesis tutorial. BOTH archaeology and social anthropology senior thesis writers will enroll in the same thesis tutorial: ANTH 99. Be sure to note this course correctly on your study cards.

What is a thesis?
As the term implies, a thesis is a proposition or assertion that is supported by logical arguments and factual evidence. While the focus of your thesis will be the discussion of some set of anthropological phenomena, it should not simply present information, however important and interesting that may be. Rather, and in addition, the thesis should represent a critical analysis of the phenomena – a theoretical and interpretive understanding of them. In other words, the thesis should have an "argument."

Given these expectations, your thesis should have some theoretical component. You may simply utilize theoretical propositions and models to frame the argument, to elaborate and sustain the analysis, and to "explain" the phenomena. You may perhaps then use your own data and interpretations to criticize existing theory. You may even be able to bring together various theories to formulate a more original model. The data you analyze may come from various sources. You may reanalyze data that have already been collected and published. You may have undertaken your own research in the field, in the laboratory, and/or in a museum. In any case, you
will want to supplement your data with library research. You will also need to balance comprehensiveness with creative interpretation and the limits of time and other resources. Regardless of what you do, your goal should be to provide the reader with an understanding of the problem you set out to investigate and of the data. What makes your essay a "thesis" is that you go beyond narrative and description to include analysis and argument. What makes it "anthropological" is the centrality of problems and phenomena related to the concerns – archaeological and/or socio-cultural – of our discipline, particularly the contextualizing and critical analysis of the phenomena being discussed.

Organization:
The analytical nature of the senior thesis has several implications for its organization. First, of course, the whole thing has to have a point and there should be no doubt in the reader’s mind what that point is. Perhaps the best piece of advice here is to make explicit to the reader what is obvious and implicit to you, the writer, steeped as you are in your own material. Whether or not your research actually follows the "logico-deductive" pattern, when writing the thesis, you should try to arrange the material so that the reader will understand the direction of the whole discussion and argument. In short, your thesis should normally have a beginning, a middle, and an end -- an introduction, a "body," and a conclusion. The introduction should state the problem and the manner in which you intend to deal with it in the remainder of the thesis. The body of the thesis should be presented in an explicit, logical order, so that the reader will understand the relevance or purpose of each section. Often, the body will include sections on methods and materials, the data, and discussion of those data, with each section labeled appropriately. Finally, the conclusion should summarize the points you have made, recapitulate the argument and its strengths and weaknesses, and address again the theoretical issues that were used in approaching and analyzing the problem. You should also explain any way(s) in which you have modified your view of these issues in the course of conducting the analysis, and you should indicate what further work could usefully be carried out on the topic in the future.

Length:
Senior theses range anywhere from 35 to 100 pages (double spaced) in length (8,750–25,000 words), not including front matter, bibliography, an appendices (if appropriate). Laboratory theses or those with heavily quantitative analyses may be shorter, while those with discursive arguments tend to be longer. You should be wary of exceeding these limits in either direction. Long, verbose theses in particular are more likely to be poorly written, edited, and argued than are more concise theses. Consult closely with your advisor about the length and structure of the work while it is in progress.

Style:
You should address yourself to a well-informed reader. Avoid repetition, unnecessary detail, and irrelevance in both data and analysis. Use your own style -- and use this opportunity to develop it -- but, in any case, write clearly. In the process of composing and preparing the manuscript, do not neglect the details of good expository writing. The pleasure and the understanding of the reader (and perhaps your grade) can be undercut by inattentiveness to style, form, grammar, punctuation, spelling, and citations.

You are strongly encouraged to print out and proofread your paper in hard copy before submitting it. It is extremely difficult to see small errors (e.g., of spelling, punctuation, etc.) after staring at your text on the monitor for days,

Common references on style are:

You can also consult The Chicago Manual of Style (University of Chicago Press: the latest edition is the 17th published in 2017. It is available online for a fee or through HOLLIS for free).

Most anthropological archaeology theses use the style guide of the Society for American Archaeology. It is available for download at: http://www.saa.org/AbouttheSociety/Publications/StyleGuide/tabid/984/Default.aspx. Also consult the style guide for PhD dissertations from the Harvard GSAS: http://www.gas.harvard.edu/current_students/form_of_the_phd_dissertation.php. If your thesis is on a topic much of the literature about which is in another style, you may use that style. Check appropriate style guides (often journals in the discipline have such guides).

You should also look at other senior theses for examples of structure and format. All previously submitted anthropology (including archaeology) theses can be found in the Tozzer Library or Harvard Depository. Check HOLLIS. There is a list of more recent ones on the Anthropology Department website: https://anthropology.fas.harvard.edu/honors.

I also encourage you to make an appointment to meet with Michelle Choi (mailto:michellechoi@g.harvard.edu), our Department Writing Fellow, to discuss any academic writing concerns or goals you may have for this semester. Another resource to consider is AnthroWrites.

Finally, you are encouraged to consult with the Writing Center, whose tutors will read thesis drafts and will meet individually with students. Check out the WC website: http://writingcenter.fas.harvard.edu/pages/senior-thesis-tutoring.

**Formatting, Printing, and Binding requirements for Archaeology theses:**
Formatting guidelines (note: for a joint-concentration [between departments] or cross-program/combined concentration [within Anthropology], you should follow the guidelines of your primary field):
- Paper: 8.5 x 11 inch white paper;
- Margins: 1.5-inches on the left side, 1-inch top, right, and bottom;
- Header and footer: 0.6-inch;
- Font Size: 11-, or 12-point font;
- Spacing: text double-spaced; footnotes, lengthy quotations, tables, figure captions, and bibliography may be single spaced, although in the bibliography you should leave an extra space between entries; footnotes, tables, and figure captions may use smaller fonts (9- or 10-point);
- Page numbers: number consecutively in Arabic numerals with the title-page being "1" (although using the "first page special" header-footer formatting option you do not print the number on the first page). To keep things simple, do not use Roman numerals for front matter; Place the page number in the center of the footer. Use the consecutive page-numbering feature of MS Word or other word processor;
- Print on one side of the page only.

One copy of the thesis is **required** to be on high-quality acid-free paper; this copy will ultimately reside in Tozzer Library. The final, required thesis must be single-sided and submitted unbound — NOT stapled, punched, or pierced in any way. **This hard-copy of your thesis must be submitted to the Undergraduate Coordinator in the Tozzer Atrium by 1:00 p.m. on Thursday, March 14, 2020. If you are a joint-concentrator, you may have an earlier deadline.**
A complete PDF version IDENTICAL to the hardcopy must be submitted to me, Director of Undergraduate Studies (gurton@fas.harvard.edu) and to your thesis advisor also by 1:00 p.m. on Thursday, March 14, 2020. It is recommended that you print out your hardcopy from the PDF.

Should you be nominated for a Hoopes or other prize or be required to submit a copy of your thesis for a certificate, you should follow the instructions supplied by the appropriate authority. (For information on prizes, see Secretary of the Faculty of Arts and Sciences - Prize Office webpage: http://prizes.fas.harvard.edu/icb/icb.do).

REMEMBER: back up all computer files relating to your thesis on a regular basis!!!! AND on more than one device!
It is also highly recommended that you label your thesis files in such a manner that you know at any time which is the most up-to-date version of each file.

Important Deadline:
Thursday, March 14, 2020 The completed and bound thesis due in the Tozzer Atrium, by 1:00 p.m. (the Thursday before Spring Break), as are identical PDF versions to your advisor and to the Head Tutor (Gary Urton). This deadline is firm. To ensure that you make it, it is recommended that you have the first draft of your thesis finished by mid-February and allow at least three weeks for revisions, printing, proofreading, copying, etc. You should take advantage of J-term to work on your thesis without conflict with other classes. It is highly recommended that you request permission to stay on campus during J-term for the purpose of thesis writing. You should receive notification from the College as to the deadline for applying for permission to live on-campus in January, when on-campus housing becomes available for all students.

REMEMBER: leave time for rewriting and proofreading, and do not leave the conclusion until the last minute! Consult frequently with your advisor and keep him/her updated frequently on your progress.

Late theses normally will be penalized one grade step per day, counting weekends. These penalties will be waived only in cases of serious extenuating circumstances. Students should contact the Head Tutor immediately in that event. Crashed computers, malfunctioning printers, and scheduling problems at the Science Center or at a copy center are not considered valid excuses. Plan ahead and back up your work!

Evaluations:
For thesis writers whose only or primary concentration is archaeology (anthropology), your thesis will be evaluated by a thesis committee, which will be composed of at least three readers who are also the examiners at your oral defense. At least one of the readers is your thesis advisor, with the Archaeology Head Tutor normally choosing the remainder. Oral defenses are scheduled to take place before the end of Reading Period. By mid-April you should be informed of the names of your readers and the date, place, and hour of your defense. You should plan to be available through all of Reading Period, at least until you know the date for the oral defense.

The oral defense in Archaeology is in the following format:
an 10-minute presentation of the highlights of your thesis (problem(s) addressed; material and methods; interpretations and conclusions). Preparing this presentation (in PowerPoint or the equivalent) is good practice for giving a paper at a professional meeting or other venue.
ca. 40 minutes of questions from your committee. These questions will concern your thesis itself, the attendant research, and directly related matters. Only your thesis committee and the
Archaeology Head Tutor (if possible, or person acting in their place) will be present during the exam (i.e., this is not a public defense).

NOTE: Archaeology thesis writers do not have access to their readers' reports before the oral exam, but anonymous copies of all evaluations (thesis and oral) will be given to you shortly after the departmental degree meeting (see below).

Grades and degree of honors:

**After your thesis oral defense** (no Anthropology student sees their evaluations prior to the oral defense), you will receive three separate evaluations for your work. First is the transcript grade for Anthropology 99z, which is given by your advisor. Unlike those of some other departments, the senior tutorial in Anthropology is letter-graded. You will receive only a SAT/UNSAT evaluation at mid-year, but the final full course grade will be a letter and will reflect your diligence in the entire tutorial process, as well as the quality of the final product. The thesis itself will be evaluated along the honors scale, (honors, high honors, highest honors, which parallels the College honors scale, *cum +/-*, *magna +/-*, *summa -*) with the readings of each member of the committee being averaged to produce an overall mark. A separate evaluation will then be made for the oral examination, in the same manner. These two grades will then be converted to the 4-point scale used in computing grade point averages, and combined with your concentration grades to calculate an overall evaluation of your record. This composite grade and its various components will then be used by the faculty in making the Department's recommendation for your degree.

When all of the oral exams are over, the Anthropology faculty meets to determine each candidate's final level of departmental honors, and shortly thereafter, you will be informed in writing of their decision. The possible degrees of "English Honors" recommended to the Faculty of Arts and Sciences by the Department of Anthropology are Highest Honors, High Honors, Honors, and No Honors. As noted, these are determined based on your concentration grade point average, the degree of honors awarded to your thesis, and the degree of honors awarded to your oral exam. The final degree of honors that you are awarded by the FAS depends first on the predetermined percentage category that your overall (all-course) grade point average puts you in and second on the departmental recommendation. The FAS degree of honors may be the same or less than the departmental recommendation, but never greater, and the FAS faculty may not award any honors even though the department has recommended honors.

Presentation requirements:
You will need to put together a Powerpoint (or equivalent) presentation for your oral exam.

Most of all:
*Have a great time with your thesis! For all the attendant angst, writing a thesis is a very rewarding intellectual and creative experience.*