

Formatting Electronic Theses & Dissertations



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Preparing and Submitting Your Document

Preparing the Document

Early in the Semester of Your Graduation

- Read these guidelines to become familiar with the Graduate School's specific requirements for formatting and submitting your document and, if possible, attend a Graduate School formatting workshop.
- Schedule your defense *as early in the semester as possible*. That gives you time to address your committee's requests for change and to review your document's format for final submission well before the deadline date.
- To keep up with the many deadlines throughout your graduating semester, begin checking the Graduate School newsletter, calendar, and departmental notices.

Right Before Your Defense

- Locate the staff member in your department (usually the departmental administrative assistant or graduate program coordinator) who prepares your Master's Thesis [or Doctoral Dissertation] Approval Report, which your committee signs after your defense. Provide the staff member with your final document title and your name as it appears in university records (go to MyLSU>Student Services>College Record).
- Now is a good time to schedule an appointment with the Graduate School's thesis and dissertation editor. The appointment is *optional* and more useful to those who missed a formatting workshop. The editor suspends appointments for two weeks preceding and following a submission deadline. If you forgo an appointment with the editor, you are free to e-mail questions to cmckenzie@lsu.edu. To schedule an appointment, call 225-578-2311.

After Your Defense

Before uploading your document to the Digital Commons site, where the editor will review it, check that the following papers are already at the Graduate School:

- a copy of the committee-signed approval report, which should have been prepared and emailed by your department to gradetd@lsu.edu
- *Additional forms for doctoral candidates only:* 1) a copy of the completion certificate showing that you have taken the *Survey of Earned Doctorates*; 2) a copy of the Declaration of Co-Authorship form. You should email a copy of the survey completion certificate, and your department should email a copy of the Declaration of Co-Authorship to gradetd@lsu.edu any time during the semester. The survey and forms are located on the Graduate School website.

Submitting Your Document to Digital Commons

When you are ready to upload, consult the Final Thesis and Dissertation Checklist on p.19. Then follow these steps:

- Convert your document to a pdf.
- Create an account on Digital Commons by going to digitalcommons@lsu.edu and choosing the MY ACCOUNT option at the top of the page.
- Carefully read instructions as you fill in the Digital Commons Submission Metadata (a large form that includes the uploading of your document).

- Use the following file-naming protocol:
 For theses: Your last name_thesis.pdf
 For dissertations: Your last name_diss.pdf
- Enter your name as shown in university records.
- Type the title of your document in mixed-case letters, not solid capitals.
- The editor will contact you at the email address you provide on your submission form, so check that email address regularly for any communication from her. Because she cannot spend time attempting to find you, it is your responsibility to remain available to her until your document receives final approval.
- The abstract you insert must be identical to the one in your document.
- Provide the full names of your advisory committee with the last name first, followed by a comma and the first name (e.g., Smith, John Eli). Consult the LSU Graduate Faculty database for full names—
https://appj05.apps.lsu.edu/grad_faculty/viewByName . Do not include titles such as Dr., Mr., Ms., Mrs., Prof., etc. Use the drop-down box provided on the form to indicate the faculty member's role on your committee. Be certain to provide your committee's email addresses.
- Carefully choose your period of embargo (restriction of your document from public access) based on your plans for publishing all or part of your document. Your major professor can help you choose. Since you receive no warning when your period of embargo is about to end, make a permanent note of the final embargo date for yourself in case you wish to renew it.

Do not upload your document until 1) your committee members have approved all of their requested corrections and 2) you have formatted the document according to these guidelines.

Once you have uploaded your document, an email and an onscreen note will confirm your submission. Check your document's status at any time by logging in to your Digital Commons account.

Please remember that the editor can immediately recognize a document whose author has ignored the guidelines. She will promptly return the document with the request that it not be returned until it conforms to the guidelines.

Editors review documents in order of submission. They check the document for any oversights in the application of these guidelines and notify you by email if your document requires formatting corrections. **Check your email daily for editorial corrections.** The editor requests that you make changes within 24 hours. Once you make the changes, log in to your Digital Commons account and upload your revised document according to the instructions at: <https://www.lsu.edu/graduateschool/current-students/etd/revisions.php>. When the editor has approved your document, you will receive an email notice.

NOTE: The editors cannot send you repeated requests for revisions. We will consider a lack of response to any of the revision requests to reflect your wish and will approve your document without those changes. Following approval, we cannot make further changes, so please be very careful in reviewing editorial comments.

Notes of Caution Regarding Deadlines

- Be certain that your document's Approval Report, Survey of Earned Doctorates completion certificate, and Declaration of Co-Authorship form are already at the Graduate School by the time you submit your document. Without them, your document cannot be approved.
- If you have held your final defense but your committee recommends further research and writing, you may register for at least one hour of research (for theses) or three hours (for a dissertation) in the following semester. However, if you can complete corrections but are unable to meet the current semester's document submission deadline, you may apply for Degree Only in the following semester.
- If you apply for Degree Only, your deadlines are different from those of other degree candidates. During your graduating semester, the Graduate School must have approved your thesis or dissertation by the final day for adding a class in the semester of graduation. Submit your document *at least a week prior to the last day to add classes* in order to provide editors adequate time to examine the document, request corrections, and grant approval by the deadline. Once the editor approves your document, the Graduate School will register you.

Overall Formatting

Your computer software should be flexible enough to meet the requirements in this guide. *Problems with your software do not exempt you from meeting format requirements.*

Margins

- Margins of your document must be the same throughout with no exceptions for wide tables and figures, which you should put into landscape format.
- Margins must be one-inch wide on all four sides of every page.
- Margins may be either left- or full justified. Left justification is more flexible.

Pagination

- Center all page numbers at the bottom of the page, midway between the final line of text and the bottom edge of the page (e.g., one-half inch from the bottom of the page).
- Format all page numbers in the same font and point size as your text. Do not use boldface or italic.
- The title page is the only page in your document with no page number; it is “silently” page number i.
- Number all front-matter pages in lowercase roman numerals, beginning with page number ii on the page following the title page. Page 1, in arabic numbering, begins on the first page after the Abstract. Arabic page numbers continue sequentially to the end of the document.
- On pages containing landscaped figures and tables, the titles, captions, and page numbers should also be part of the landscape format, centered below the table or figure.

Font, Boldface, Italics, Underline

- Use the same font throughout your document except in figures that you have copied from a separate source.
- Widely known fonts such as Arial and Times New Roman are easier to read.
- Use boldfacing only in your document title, main headings, and subheadings (*not* in table titles, figure captions, or anywhere in the table of contents except the main heading “Table of Contents.”)
- Use italics only in specific cases, such as:
 - titles of journals, books, and artistic works
 - a specialized term being introduced for the first time
 - legal citations and hypotheses
 - foreign-language terms not ordinarily used by English speakers.
 - emphasis (use sparingly)
 - mathematical elements such as equations, lemmas, etc.
 - stage directions
 - words used as words (e.g., What is meant by *neurobotics*?)
 - for lower-level subheadings
- Never underline anything.

Point Size

Use only 12-point type size throughout your document. Exceptions are:

- the document title, which is 16 points.

- main headings, which are 14 points.
- text and data in figures that are cut and pasted from other sources.
- Footnotes and notes to tables and figures, which may be as small as 10 points.

Capitalization and Punctuation

- The document title must be in solid capital letters *only* on the title page.
- Main headings must be in either solid capitals or headline-style (mixed-case) capitalization throughout. *Never* use lowercase style for main headings.
- Table titles and figure titles must be in either lowercase or headline style throughout.
- Subheadings must be consistently headline or lowercase style *on each level*.
- When main headings, subheadings, figure captions, and/or table titles are numbered, use **periods** after the numbers instead of colons, dashes, or spaces. For example: Table 3.1. Water Runoff by Parish
Figure 3.1. Heart Monitor
Chapter 1. Distant Rumbles
- Main headings and subheadings have no final punctuation, such as a period or colon.
- Always use a period following chapter numbers, appendix letters, and table and figure numbers.

Spacing

Your document's narrative text may be either single- or double-spaced throughout. Documents should contain no spaces larger than a double space, except on the title page. *Do not use half-spaces*. If you are using Word, select the NO SPACING option in your toolbox, *not* the NORMAL option. NO SPACING produces proper single and double spaces.

Always **single-space** the following, even in a double-spaced document:

- every line in the table of contents, except for the double space above each main heading.
- main headings, subheadings, and figure and table titles that are longer than one line.
- block quotations and epigraphs.
- every line of a footnote, endnote, bibliographical entry, and reference—but always double space *between* each one.

Always **double-space** the following, even in a single-spaced document:

- between each table and figure title in the lists of tables and figures
- above each main heading listed in the table of contents
- between each entry in the endnotes, footnotes, and bibliography or reference lists.
- above *and* below each table, figure, and subheading within the main text
- below each main heading in the text.

Spacing Around Figures and Tables

- The requirement to weave tables and figures into text often causes partially empty pages. **Simply use the next occurring text to fill in the resulting white space above or below the table of figure.** Your only obligation is to place tables and figures reasonably close to, and following, their first mention in text. The first mention and the table or figure do not have to appear on the same page.

- Double space between the text and each table and figure.
- Do not wrap figures or tables.

Problems at the Tops and Bottoms of Pages

- Begin the text on every page of your document at the top margin, with the exception of the copyright and dedication pages, where you may center copy in the middle of the page.
- Avoid beginning and ending your pages awkwardly:
 - Begin and end each page with at least two lines of a paragraph.
 - Use the appropriate program setting to prevent “widows” (a paragraph-ending line at the top of a page) and “orphans” (the first line of a paragraph at the bottom of a page).
 - Never end a page with a subheading. Simply move the subheading to the following page. At least two lines of text must follow a subheading at the bottom of a page. Some computers have a setting that allows you to specify that two lines of text must follow a subheading.
 - Never let figure captions or table titles appear alone on the final line of a page.
- If a **long table** carries over to a second page, leave enough room at the bottom of the first page to place the parenthetical note “(table cont’d.)” against the left margin. On the top of the second page, repeat the table’s column headings, and if the table continues over several pages, repeat the headings and “cont’d.” notes on each. Do not repeat the title, however.
- If a **multi-part figure** carries over to a second page, place the figure caption below the portion of the figure that appears *on the first page* and leave room below the caption for the “(figure cont’d.)” note against the left margin. Then place the remainder of the figure on the next page. Be certain that you clearly label each part of the figure. If, say, parts C and D of a figure appear on the second page, you may either leave the entire caption on the first page, or place the C and D portions of the caption below the images on the second page.
- If a **footnote** carries over to the next page, it is best if it breaks in midsentence, so that readers do not think the note is finished. Instead of a partial rule above the continued portion of the note, place a full-measure rule.

Order of the Main Sections

Front Matter

Title Page	REQUIRED ; unnumbered page i
Copyright page	Optional; no heading; page number ii (lowercase roman numeral); see p.15 for format of notice
Dedication	Optional; no heading; unlisted in the table of contents
Epigraph	Optional; no heading; unlisted in the table of contents
Acknowledgments	Optional
Table of Contents	REQUIRED.
List of Tables	Optional
List of Figures	Optional
Nomenclature, Symbols, Acronyms	Optional, but see p. 10
Abstract	REQUIRED ; 350-word limit

Body of Text

Introduction, Chapter 1, Literature Review, etc.	REQUIRED ; arabic page no. 1
Footnotes, Chapter endnotes, Reference numbers, or Author-date citations	REQUIRED

Back Matter

Appendixes	Optional with the following exceptions: <ul style="list-style-type: none">▪ IRB approval form▪ Requests and permissions for previously published material or material belonging to others
Bibliography or Reference List	REQUIRED
Vita	REQUIRED ; final page of the document

Unifying and Formatting the Main Sections

Unifying

Your document should make an intellectually coherent contribution as recognized in your field of study or profession. While the document does not need the narrative flow of a book (depending on the preferences of your advisor or committee) and the individual chapters may deal with widely different aspects of the topic, you must nevertheless demonstrate how the issues discussed in your document address the overarching research area. To that end, the Graduate School requires the following:

- The document title should clearly identify the general problem, concern, or issue as recognized in your field. If your document addresses more than one topic, the title should emphasize their connection and the relation of the parts to the whole. For example, the following titles clearly express the relationship of different chapters to a single area of study: “Three Approaches to Analyzing Pigment” or “The Effect of Hurricanes, Subsidence, and Sea-Level Rise on the Position of Shorelines” or “The Effectiveness of Three Demographic Modeling Techniques on Crime Data from Shreveport, 2009-2019”
- Use a consistent style of documentation throughout, whether it is the style favored in your discipline, in one of the journals with which you have published, or in one of the style manuals recommended on page 12.
- If you have published one or more of your chapters in a scholarly journal, you may organize all of your chapters in the style of one of the journals with which you have published—that is, each chapter may have its own introduction, literature review, materials and methods, results, discussion, summary, references. You must, however, delete article abstracts, and you may move acknowledgments in your journal article to your overall acknowledgments section. *If a journal style conflicts with these guidelines, the guidelines take precedence.* Otherwise, refer to the style manuals recommended on p.13
- Your document must have:
 - a single overall abstract
 - an overall introductory chapter that clearly identifies the general issue, its importance to the field of study, and how each of your chapters reflects research on the issue.
 - an overall conclusion emphasizing the importance, originality, and contribution of your research to the general topic.
- Format each of the following elements identically throughout the document:
 - Main headings (such as chapters)
 - Subheadings on each level
 - Table and figure numbers and titles
 - Style of citation, whether footnotes, author-date style in parentheses, number style, footnotes
 - Style of reference lists, if each chapter has one.

Formatting

Title Page

- **Meticulously follow the format shown on page 23**, including placement of the three separate blocks of text, the use of double and single spaces, the phrasing, the words contained on each line, and the capitalization or lowercasing of every word.
- Although the title page is page number i, it contains no page number.
- Format the title in solid capital letters, 16 points, single-spaced, and centered on the first line below the top margin. The rest of the text on the title page is 12 points.
- Use the version of your name that appears in official university records, which you will find on your MyLSU College Record. If your name has changed, correct it at the Registrar's Office before your defense, so that it will match on both your approval form and your title page.
- Do not place a comma between the month and the year of your graduation date on the final line of the title page. It should read as, e.g., May 2020.

Dedication, Epigraph, and Acknowledgments

- Dedication, copyright, and epigraph pages have no main heading, and should not appear in the table of contents. The acknowledgments page, however, does have a main heading and appears in the table of contents.
- A copyright notice (if you choose to have one), a dedication, and an epigraph may each be placed in the center of the page.
- Epigraphs that begin chapters should appear one double space below the chapter title and one double space above the following text. Their longest line should be against the right margin, and they should be single-spaced, un-italicized, and with no quotation marks. The epigraph author's name appears a single space below the final line of the epigraph, preceded by two hyphens, and below that, aligned with the author's name, is the title of the work, against the right margin. Epigraphs need no other source data.

Table of Contents *(see samples, pp. 23 and 24)*

- Single-space every line in the contents, but double-space *above* each main heading in the list.
- Do not include "Table of Contents," "Dedication," "Copyright," or "Epigraph" in the contents list.
- The main heading "Table of Contents" must be 14 points. It is the only element on the contents page that may be boldfaced.
- You may either omit all subheadings from the table of contents or include *only* a-level subheadings, indented and single-spaced below their main headings.
- Main headings, subheadings, and page numbers in the table of contents must exactly reproduce those elements as they appear in the text.
- Never let the words of a heading or subheading stretch over into the column of page numbers. Let the heading run to two lines instead, with the page number opposite the second line.

Lists of Tables and Figures, Nomenclature, Abbreviations, Special Terms (see samples, pp. 25 and 26)

- The Graduate School does not require these lists. Include the lists *only* if you feel the reader will need them or if including them is standard practice in your discipline.
- If your list contains only one table or figure, consider deleting the list. If you keep it, change its main heading to the singular form “Table” or “Figure” and do not number the table or figure.
- Single space all table and figure titles, but double space between each title.
- Do not let lengthy titles and captions stray into the column of page numbers.
- Restrict lengthy figure captions to three lines, and omit sources and descriptions of a figure’s different parts. Usually, ending a caption at the first period will suffice.
- If a list of tables and a list of figures can fit together on a single page, you may present them that way. The main heading would be “Illustrations,” with “Tables” and “Figures” formatted like the a-level subheadings in the text.
- Table titles must agree word-for word-with the titles as they appear in text.

Abstract

- An abstract cannot exceed 350 words.
- Use the same font, point size, and spacing that you use in the body of the text.
- Provide an English translation if the abstract is in a foreign language.

Main Headings

- Main headings must each begin a new page. Common main headings include: Acknowledgments, Table of Contents, List of Tables, List of Figures, Abstract, chapter numbers and titles, appendix letters and titles, Notes, References, Bibliography, Vita.
- Main headings must be 14 points in size
- Format all main headings identically.
- You must use either solid capitals or the *headline* style of capitalization in main headings, i.e., capitalize only the first letter of all words except articles, conjunctions, and prepositions.
- Single-space main headings longer than one line, including the chapter numbers and appendix letters.
- Follow all chapter numbers and appendix letters *with a period*, not a colon or hyphen.

Subheadings

Subheadings work together with main headings to form the outline of your document. In each chapter, they follow a logical, descending sequence from the main heading down through a-level, b-level, c- and even d-level subheadings. Overall rules are:

- Use a double space above and below each subheading.
- Format each subheading level identically throughout the document, even when you format each level differently from the others.
- When your subheadings are unnumbered, the first subheading in each chapter—*always* an a-level subheading--should be visually subordinate to the main heading. In turn, each succeeding level of subheading should be visually subordinate to the preceding level. You may achieve this effect by using only typography. For example, you might use boldface for an a-level heading and no boldface for a b-level heading, since no boldface is visually

weaker and is therefore appropriate for the lower level. Similarly, headings in the center are visually stronger than headings against the left margin, which are stronger than indented headings.

- The first subheading in a chapter is always a-level. Do not skip levels, say, from a-level to c-level. Nor should the first subheading in a chapter be lower than a-level.
- Avoid using more than three levels of subheadings if possible. Too many subheadings make the text look disjointed. Subdivide only when there are two or more subheads on that level.
- If you are in science, math, or engineering, you probably use numbered subheadings.
 - Numbered subheadings, no matter their level, may *all* be identical in format, since visual cues are not necessary; that is, the numbers themselves distinguish one subheading level from another. You may position all numbered subheadings against the left margin.
 - Match the first digit of numbered subheadings with the chapter number. For example, the first a-level subheading in Chapter 2 should be numbered, 2.1., and the first b-level subheading would be numbered 2.1.1.
- In the humanities, documents rarely contain numbered subheadings. Therefore, you should use placement, capitalization, boldface, and italics to distinguish one level from another. The following style is only one of several that you may devise:

[a] **Mid-Nineteenth-Century British Literature** [bold; against left margin; on a line by itself]

[b] **Poetry** [bold; italicized or not; indented; on a line by itself]

[c] *Victorian Poetry*. Christina Rossetti wrote in her diary shortly before she . . .
[bold; italicized and followed by a period; run in with the beginning of the paragraph]

Notes

- Use only one style of documentation throughout, usually the style commonly used in your discipline. If your advisor does not recommend a specific style manual, refer to the most recent edition of one of the following:
 - *MLA Style Manual and Guide to Scholarly Publishing*. 3rd ed. New York: Modern Language Association of America, 2016. **Used mostly by humanities students**
 - Turabian, Kate L. *A Manual for Writers of Research Papers, Theses, and Dissertations: Chicago Style for Students and Researchers*, 9th ed. Revised by Wayne C. Booth, Gregory G. Colomb, Joseph M. Williams, and University of Chicago Press editorial staff. Chicago: University of Chicago Press, 2018. **A classic reference book used by both humanities and science writers**
 - *The ACS Style Guide: Effective Communication of Scientific Information*, 3rd ed. Edited by Anne M. Coghill and Lorrin R. Garson. Washington, DC: American Chemical Society, 2006. Also available at <http://doi.org/10.1021/bk-2006-STYG> . **For science students**
 - Publication Manual of the American Psychological Association, 6th ed. Washington, DC: American Psychological Association, 2009. Also available at <http://www.apastyle.org/asc/>. **Used in several disciplines.**
- Place footnotes at the bottom of the page; group endnotes at the end of each

chapter; and place author-date citations and reference numbers at the end of sentences in text.

- Notes must be in the same font as the narrative text.
- Footnotes may be numbered consecutively throughout the document or begin with number 1 in each chapter. The latter is preferable, because it makes changes in notes far easier.
- Indent each footnote and use a 12-point note number, not a tiny superscript like the in-text numbers.
- Endnotes begin with number 1 in each chapter. The heading “Notes” maybe centered a double space below the final line of the chapter text (*See sample, page 27*) or it may be formatted exactly like a numbered a-level subheading.
- Endnotes gathered at the end of an entire text are rare. They carry the *main heading* “Notes” *plus* a-level subheadings entitled, e.g., “Notes to Chapter 1.”
- Single-space each footnote and endnote, but double-space *between* each.

Tables and Figures

- Never group tables or figures at the end of a chapter or document. Weave them into the text.
- Place tables and figures after, but reasonably near, their first mention in the text. *They do not have to be on the same page as the first mention.*
- Place the table number and title *above* the table, and the figure number and caption *below* the figure. Music students place the number and title of a music example *above* the example.
- Source notes appear immediately following the figure caption and below the table, in both cases preceded by the italicized word *Source* and a colon.
- Follow table and figure numbers with a period (Figure 1.1.) only when they are not used in a sentence. When appearing right before a table title or figure caption, they always carry the final period.
- Figure captions, table titles, and their sources and notes must all be single-spaced with no space between them and the tables and figures. A double space, however, separates them from the body of the text.
- Sources and other notes may be a point size smaller than the main text.
- Format all table and figure numbers and titles/captions identically throughout your document, using the same font and point size used in the narrative text.
- Number tables, figures, and other types of illustrations in one of two ways:
 - consecutively through the text *up to* the appendixes, where the numbering starts over. If you have only one appendix, the tables and figures within it are numbered A.1, A.2, etc. If you have multiple appendixes, the numbering would begin anew in each appendix, e.g., A.1., B.1, C .1.
 - by chapter number (e.g., Table 2.1 would be the first table in Chapter 2). Tables and figures in appendixes would be numbered the same as described above.
- The use of frames around tables and figures is optional, but their use must be consistent—frame all or frame none.
- Placement of tables, figures, and their titles and captions must be consistent throughout. For example, if you locate *one* table and its title against the left margin, then locate *all* tables and their titles against the left margin.
- Number and place tables and figures in the order of their mention.

- A large table or figure may appear in landscape orientation. *The accompanying title, caption, and page number must also be in landscape orientation.* If there is no room, e.g., for a table number and title, they may appear alone, centered in portrait orientation on the preceding page. In the list of tables use the page number of the page containing the title.
- You may slightly reduce or enlarge tables and figures to better fit within the margins of the page, as long as they remain legible.
- If a table is longer than one page, add the parenthetical notation “(table cont’d.)” against the left margin below the table on its first and continued pages. *Repeat the table’s column headings on the continued pages.*
- When parts of a figure carry over to following pages, the figure number and complete caption, including all the part descriptions, may appear at the bottom of the first page. Or, on the first page you may include only the descriptions for the parts that fit on that page and place the remaining part descriptions on the next page below the parts they describe. Right below the caption on the beginning page, place the parenthetical note “(fig. cont’d.)” against the left margin. Repeat the parenthetical notation at the bottom of each continuing page of the figure.
- Do not wrap tables or figures.

Original Materials: Photographs, Hand-Drawn Illustrations, Images, Audio

For hand-drawn illustrative materials and original photographs, use standard electronic images such as .jpg or gif. Format captions as you would format other figure captions. Always acknowledge permission for using original artwork at the end of the caption. Cite audio files contained in standard media formats with clear textual directions.

Appendixes

- Appendixes are optional with the following two exceptions:
 - Letters of permission or publishing contracts permitting the use of your work and that of others. Include your own permission request only if the letter granting permission does not mention your article’s bibliographical data.
 - IRB approvals for the use of human subjects, plus the questionnaires and surveys used.
- List appendixes as *main headings* in the table of contents, each one with a letter designation followed by a period and a title that broadly describes each appendix’s contents (e.g., Appendix B. Supplemental Data for Chapter 3).
- A single appendix requires *no* letter, e.g., Appendix. Supplemental Data.
- Format appendix letters and titles like other main headings
- Cut-and-pasted material in an appendix must meet margin requirements.

Bibliography, Works Cited, References

- A list giving full bibliographic data is mandatory if you use shortened citations.
- As with notes, follow the style recommended for your discipline.
- The difference between a bibliography and a list of references is that the reference list gives the date of publication right after the author’s name. It coordinates with the author-date-page number citation style in text. Students in the humanities often use bibliographies, and students in the

- sciences often entitle their list “Works Cited.”
- If you place references after each chapter instead of at the end of the document, use the same reference style in all chapters. Center the heading “References” a double space below the final line of the chapter.
 - Single space references, but double space between each one. (See p. 27).

Vita

The vita is a one- or two- paragraph biographical sketch written in third person, much like the brief author biography found on the dust-jacket flaps of books (See *sample, p. 30.*) It is not a curriculum vitae, nor does it include the author’s publications, presentations, or other academic achievements.

- Use personal identification such as the parents’ names or day of birth sparingly,
- If you mention graduation, avoid stating that you “will graduate”; instead, state that you “anticipate graduating.”
- As an alternative, you may include a curriculum vitae, but be mindful that its contents change from time to time and would possibly need updating.

Copyright and Ethical Matters

Copyrighting Your Document

The copyright of any thesis or dissertation resides with the individual author unless the author signs away the rights to another person or entity, such as a journal. (See LSU Board of Supervisors Regulations, Part VII of the *University Bylaws and Regulations* (<https://www.lsu.edu/innovation/faculty/policy/BylawsChapterVII.pdf>))

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Sample Pages

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[Sample title page]

**INFLUENTIAL WOMEN IN THE LIFE OF
FREDERICK DOUGLASS**

A Dissertation

Submitted to the Graduate Faculty of the
Louisiana State University and
Agricultural and Mechanical College
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

in

The Department of History

by

Susan Mary Alford

B.A., Purdue University, 2001

M.A., University of Texas, 2004

M.L.S., University of Virginia, 2010

December 2020

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with unnumbered
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References

- Adams, S. B. 2011. "ECOS Budget Survey." *ECOStates Summer*: 11-15.
- Allard, Scott W. and Sheldon Danziger. 2013. "Welfare Magnets: Myth or Reality?" *The Journal of Politics* 62:350-368.
- Ambrosius, Arthur and W. Brian. 2009. "Inductive Reasoning and Bounded Rationality." *The American Economic Review* 84:406-411.
- Association of Foreign Relations. *The Security Assistance Act of 2010*. 106th Congress, 2nd Session, 2010, [ftp://ftp.coc.gov/pub/thomas/cp106/sr351.txt](http://ftp.coc.gov/pub/thomas/cp106/sr351.txt).
- Bacot, A. Hunter and Roy A. Dawes. 1997. "State Expenditures and Policy Outcomes in Environmental Program Management." *Policy Studies Journal* 25:355-370.
- Barbera, Anthony J. and Virginia D. McConnell. 1999. "Effects of Pollution Control on Industry Productivity: A Factor Demand Approach" *The Journal of Industrial Economics* 35:161-172.
- Bartik, Timothy J. 1988. "The Effect of Environmental Regulation on Business Location in the United States." *Growth and Change* 19:22-44.
- Becker, Randy and Vernon Henderson. 2010. "Effects of Air Quality Regulations on Polluting Industries." *The Journal of Political Economy* 108:379-421.
- Bern, Samuel H. 2006. "Welfare Reform: Revolution or Retrenchment?" *Publius* 28:9-15.
- Bern, Samuel H., Paul Brace, and John Smith. 2002. *State Government and Economic Performance*. The Johns Hopkins University Press: Baltimore.
- Bern, Samuel H., Paul Brace, and Robert Wilkins. 1998. "Accounting for State Economic Performance: A Time-Series Cross-Sectional Analysis of the Limits of State Economic Policy." *International Journal of Economic Development* 1(3):280-310.
- Brueckner, J. K. 2010. "Welfare Reform and the Race to the Bottom: Theory and Evidence." *Southern Economic Journal* 66:505-525.

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Chapter 2. An Icon's Mother

She was born in Talbot County on the Eastern Shore of Maryland in 1792. Her son, Frederick, introduced her to the world as Harriet, “the daughter of Isaac and Betsey Bailey. When Harriet died in 1825, at the age of thirty-two, he recalled, “I received the tidings of her death with much the same emotions I should have probably felt at the death of a stranger” and “with no strong emotions of sorrow for her, and with very little regret for myself on account of her loss.” Sophia Auld was also born in Talbot County, in 1797. Harriet’s son first encountered her as “a white face beaming with the most kindly emotions,” something he “had never seen before.” In 1826, she hired the six-year-old slave to work; instead, he remembered being treated “as she supposed one human being ought to treat another.” For a short while, at least, he “learned to regard her as something more akin to a mother, than a slaveholding mistress.” This period of affection, too, was doomed. The precocious little boy became a suspicious intruder in Sophia’s eyes, someone she had to monitor, control, and limit.

Thus did the childhood of Douglass twist its way through the perverted intimacies of slavery. Black mothers could neither care for nor protect their children, for their

This chapter was previously published as Susan Mary Alford, “Frederick Douglass’s Mother,” *Nineteenth Century History* 24 (2010): 6-10. Reprinted by permission of Neoclassical Press.

[Sample vita]

VITA

Susan Mary Alford, born in Topeka, Kansas, worked as a newspaper reporter for several years in Oklahoma after receiving her bachelor's degree from the University of Kansas. She began to work as a volunteer for local and national political campaigns. As her interest in politics grew, she decided to enter the Department of Political Science at Louisiana State University. Upon completion of her master's degree, she will begin work on her doctorate.

[Sample subheading styles]

In humanities style, the subheading levels are distinguished from each other typographically in a descending order of visual importance. Below are five levels of subheadings for a single document. Many other combinations of typographical distinction are possible.

Chapter 1. The First of Many Foster Homes [main]

HOW THE SYSTEM WORKED [a-level]

Aunt Anna's Place [b-level]

Sister's Lesson Books [c-level]

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NOTES [a-level]

Chapter 3. The Publishing Agreement [main]

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3.1.2. Option Clauses [b-level]

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For MFA (Studio Art) Students

The formats on the following pages adapt the preceding guidelines to the needs of MFA students. One format serves students who wish to group images of their artworks into a gallery apart from the essay. The other format serves those who prefer to weave their artworks into the essay. The two formats ensure that the required elements common to all theses do not interfere with your creative work. Include the following elements in your thesis in the order shown below:

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DEDICATION	Optional; this page has no main heading
ACKNOWLEDGMENTS	Optional
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ABSTRACT	Required
INTRODUCTORY ESSAY	Required; Page 1
ART-TITLE PAGE	Required <i>only</i> when artwork is presented in a gallery (see <i>sample on p. 34; use the exhibition title and the artist's name and media</i>)
APPENDIX	Optional.
NOTES	Optional
BIBLIOGRAPHY	Optional
VITA	Required

When You Present Your Works in a Gallery

In the table of contents, the art-title page number brings the reader directly to the gallery (*see sample below*), which, being a grouping, precludes the need for a list. However, when you weave your works into the essay, a list with page numbers provides an aid to locating each one in the essay.

In your text, the art-title page precedes and introduces your gallery of works. The title, “*IGUANA FLATS: PAINTINGS BY JANE PARKS*,” would be centered in the middle of an otherwise blank page, and the first art image and its caption would appear on the following page.

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Use the following table of contents when you wish to have a gallery of images. The inclusive page numbers indicate a gallery.

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NOTE: Your introductory essay may have a title other than the title of your exhibition, but your art-title page must give your exhibition title.

[Sample art-title page]

IGUANA FLATS
PAINTINGS BY JANE PARKS

When You Weave Your Works into the Essay

Only when you wish to weave your artworks throughout your essay should you include a list that locates each of your artworks by page number. The table of contents below indicates the list of images on page iv.

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Iguana Flats: Paintings by Jane Parks

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Night Motion	8
Sandy Impasto	9
The Former Tenant	15
Desert Bouquet	16

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