MES Thesis Handbook

Revised: September 2022

Copies of thesis documents are available online at The Evergreen State College Institutional Repository

Copies of this handbook are available online at the MES Thesis Process WebPage

Graduate Program on the Environment

Master of Environmental Studies

The Evergreen State College

Olympia, Washington



Significance of the Thesis

The thesis is a major research experience. It should build upon your work as an undergraduate, as well as core programs, electives, internships and individual learning contracts, and work or volunteer experiences. Your past efforts should inform your thesis by providing critical thinking skills, examples of environmental case studies, and numerous viewpoints from which to think about problems and their solutions. For most students, the thesis is the most sophisticated writing project they have ever tackled. It differs substantially from the research papers and essays you have written for your electives and core programs. This thesis should serve as an impressive way to document your expertise in the professional world beyond the college.

I. Overview and Timeline

Students must successfully finish all four core classes as well as 12 elective credits before enrolling in thesis credits. Students must be able to complete their thesis work on time. Students should talk with their Case Studies faculty and reader about the feasibility of completing their thesis in the required time. The written thesis can take one of two structures: a traditional thesis format or a manuscript prepared for submission to an academic journal. Talk to your reader about which is appropriate for your work. See the MES Thesis webpage for all thesis deadlines, forms, and resources.

Students typically work on their thesis in their final year. They take the final core program, Case Studies and Thesis Design, in fall quarter. During this quarter, students are matched with a thesis reader who will advise them in their work and, ultimately, approve their thesis for credit. In Case Studies, students complete a Prospectus that must be signed by their thesis reader and the Director. Students enroll for thesis credits in winter and spring quarters (8 credits each quarter). They present their work toward the end of spring quarter and submit their final thesis by the last day of spring quarter. See the timeline for specific dates.

Students may only present their work once a complete draft of their thesis has been approved by their thesis reader. In order to present, a "Request to Present Thesis Research" form must be signed by their thesis reader by the date indicated in that academic year's thesis process timeline. In rare cases, with permission from the student's reader and the Director, a student may extend thesis work through either the summer quarter of the same academic year or the fall quarter of the next academic year. Extensions <u>might</u> be granted for spring/summer fieldwork, extended data collection and analysis, or other circumstances beyond a student's control. Extensions will not be granted in situations where unsatisfactory progress is the primary reason for the request. If the student wishes to extend their thesis, a "Request to Extend Thesis Research" form must be signed by both the reader and the Director by the date listed in that academic year's thesis process timeline.

Failure to complete on time will result in a filing of No Credit by the reader. No Credit may also be filed if the student's quality of work is not at the graduate thesis level. Earning No Credit for the thesis will lead to the student being withdrawn from the program for not completing the thesis requirement. Students who are approved to continue work on their thesis project beyond the required 16 thesis credits of the winter and spring quarters must register for a thesis extension, which carries a \$500 fee for each quarter of extension that involves faculty work. This includes the quarter in which the thesis is submitted and the final public presentation is made.

Students who request to extend their research beyond the spring quarter and are given approval to do so, pay only the \$500 extension fee and not course tuition, and so are not considered enrolled students (unless they are also registered for other credits through electives or internships). Students who are only registered for a thesis extension do NOT have access to the following campus resources:

- Student Health Center
- Bus Pass
- Media Loan
- Constantino Recreation Center
- Veterans Resource Center (veterans should check directly with the Center to confirm that their individual case applies)
- Childcare Center (the on-campus childcare center is open to the community. You will not have waitlist prioritization as a non-enrolled student)
- Financial Aid (see below)

Students completing a thesis extension who have completed all other degree requirements are generally not eligible for financial aid. Extension students who still need to complete 4 or more credits of electives may register for remaining needed credits and be considered for financial aid.

Being registered for a thesis extension does not qualify students for school-based deferment of student loan repayment. If you have questions about your eligibility for financial aid, or about the student loan repayment process, please contact the Financial Aid office.

Thesis Prospectus

If you begin the process with a solid Prospectus, you will increase both the efficiency and quality of your project. A final, approved prospectus (signed by you, your reader, and the Director) that outlines your thesis research plan is due in the program office before the end of Case Studies.

Getting Started on Thesis prior to Case Studies

Some students, especially those conducting seasonal fieldwork, may want to begin their thesis research prior to the development of a formal prospectus during Case Studies. Students who want to begin data collection should complete a "Preliminary Prospectus" in consultation with a MES core faculty member. Before collecting data, they must submit a copy of this "Preliminary Prospectus" signed by a faculty to the Director by Week 10 of Spring Quarter. Students who collect data without following this process are likely to waste time and resources because of poor experimental design or data collection techniques.

Registering for Thesis Credits

Students will register for eight credits of thesis directly with their reader in both winter and spring quarters of the year they are working on their thesis. You should register for credits with your thesis reader when you receive an email from the Assistant Director notifying you of the reader's CRN number. Each quarter has a different CRN number. Thesis registration requires a faculty signature.

Thesis Reader and Thesis Workshop

The primary academic support is the thesis reader. Students should meet with their reader on a regular basis during the winter and spring quarters. All thesis students are required to attend a thesis workshop led by a MES faculty member during winter and spring quarters. This workshop

provides additional support and structure for thesis preparation, research, and writing. The thesis evaluation by the student's reader includes reference to student attendance and participation in the workshop. There is no CRN for the workshop.

Funding Your Thesis

Students are encouraged to find grants or fellowships to fund their research. There are several resources offered by the program to help you do so. Please see the Thesis Funding link on the <u>Thesis Process</u> page for more information.

II. The Writing Process

Writing Resources

Getting started on the writing of your thesis can be intimidating. Regardless of your level of experience as a writer, the start of your thesis work is an excellent time to review resources on effective writing in general, and thesis writing in particular. There are numerous written materials available to help in this regard. Here are a few that we recommend:

- Surviving Your Dissertation: A Comprehensive Guide to Content and Process (4th Edition). Kjell Erik Rudestam and Rae R. Newton. 2014. Sage Publications. This book offers very useful advice on the entire process of thesis design and writing.
- *Form and Style*. Carole Slade and Robert Perrin. 2009. Houghton Mifflin. Provides guidance in both research and writing, including special sections on theses. Contains information on reference and citation styles, including those styles allowed in MES theses (see the Formatting Requirements section below).
- The Clockwork Muse: A Practical Guide to Writing Theses, Dissertations, and Books. Eviatar Zerubavel. 1999. Harvard University Press. This guide is written in a somewhat simplistic style, but it has been helpful to a number of students in planning a detailed, practical writing schedule. It also covers some basic aspects of what to strive for in different drafts and how to electronically manage draft revisions.
- On Writing Well: The Classic Guide to Writing Nonfiction (30th Anniversary Edition). William K. Zinsser. 2006. Harper Resource. This is a general guide to clear, concise, and effective non-fiction writing.
- A Writer's Reference (7th Edition). Diana Hacker and Nancy Sommers. 2010. Bedford/St. Martin's. A good reference for questions related to grammar and style.
- *The Literature Review: A step-by-step guide for students*, Second Edition. Diana Ridley, Sage Publications, 2012. ISBN: 978-1446201435.
- Writing Science: How to write papers that get cited and proposals that get funded. Joshua Schimel. Oxford University Press, 2012. ISBN: 978-0-19-976024-4.
- Research Design: Qualitative, quantitative, and mixed methods approaches, Fourth Edition. John W. Creswell. Sage Publications, 2013. ISBN: 978-1452226101.
- *The Craft of Research*, 4th Edition. Wayne C. Booth, Gregory G. Colomb, and Joseph M. Williams. University of Chicago Press, 2016. ISBN: 978-0226065663
- *The Elements of Style*, 4th Edition. William Strunk, Jr., E. B. White. Longman, 1999. ISBN: 978-0205309023.

Working with Your Reader

Your reader is probably your most valuable resource during the writing process. They have written a thesis and/or dissertation already and understand what you are experiencing. You will

be matched with a reader by the end of Case Studies. You should arrange to meet on a regular basis with your reader throughout the thesis project, and especially during the writing process. Early on, you should establish with your reader a procedure for delivering drafts of your thesis. Some readers prefer to receive a chapter at a time, while others want to see an entire draft before they begin reading.

Ask for your reader's advice on both the technical aspects of the research and on the writing, and be open to the advice you receive. If you run into any concerns regarding your reader, like lack of responsiveness, please talk to the Director.

Student Support Groups

Many students find that participating in a student support group during thesis writing can provide much needed structure and feedback. Such groups are formed as part of the Thesis Workshop and can also be developed independently. Other students can be extremely helpful when it comes to providing constructive feedback and proofreading each draft of your thesis.

Writing Assistance

Your faculty reader is not a writing instructor, tutor, or copy editor. Please do not expect them to perform any of these functions for you. If you would like outside assistance with your writing, please work with the graduate student writing assistant or the Writing Center.

Tips for Effective Thesis Writing

Here are a few tips for the writing phase of your thesis project:

<u>Don't put off the writing</u>. One approach is to write parts of your thesis on a regular schedule. Having short pieces to show to your reader or to other students allows for quick feedback. Also, writing can help you to synthesize what you are learning, and thus can be invaluable even during the research phase of the project.

Plan plenty of time for rewrites. Your thesis will likely need to be rewritten several times in order for the final thesis to be as good as you are capable of making it. Your faculty reader will no doubt have substantial recommendations for each of these drafts. You should expect such comments and give yourself plenty of time to receive the feedback and make changes that respond to this feedback. Also be aware that writing and revising the results and discussion will require substantial time for data analysis and interpretation. The "revise and resubmit" process is a standard part of any academic publication. Since your faculty reader will need sufficient time to review each draft, this process can easily take two months. Remember that even small revisions in one part of your thesis can require changes in several other portions, which is quite time consuming. Given the fact that you must be approved to present by the date given in the thesis flow chart (usually early May), your first completed draft should be finished by mid-April or earlier. You will, of course, need to work out a specific schedule with your reader.

III. The Oral Presentation

As a key part of your thesis project, you will have the opportunity to share your results with faculty, staff, students, invited guests, and other members of the community in a public, oral presentation prior to submitting your completed thesis for binding. The oral thesis presentation is designed to give you practice in presenting your research in a professional manner and to provide

an opportunity to receive feedback on your work. It is also a celebration of this major step toward completing the program.

Scheduling Your Presentation

Thesis presentations happen in Weeks 8 and 9 of spring quarter. Presentations are generally 10-15 minutes in length, with an additional 5 minutes allowed for questions. Because the presentations are scheduled one after the other, time limits are strictly enforced. Thus, presentations must be particularly concise. Students may only present once they have submitted a signed "Request to Present Thesis Research" form to the Director by the date indicated in that academic year's thesis process timeline. This form indicates that their reader has reviewed a complete first draft of the student's thesis and determined that the student will be able to submit a final version by the end of the quarter.

Students who have a signed "Request to Extend Thesis Research" form to present in summer quarter or fall quarter must work with the Director to schedule a presentation time. These students must also have a signed "Request to Present Thesis Research" form in order to present during their intended graduation quarter.

Criteria for Judging Presentations

Individual faculty readers determine the criteria for judging thesis presentations. It is a good idea to check with your reader in advance regarding what criteria will be used to determine whether you meet the presentation requirement.

Tips for Great Thesis Presentations

Here are some ideas we have compiled to help ensure that your thesis presentation is effective:

<u>Show your enthusiasm</u>. You have worked long and hard on this project. The audience will appreciate this effort and will be interested if you convey your interest in the work.

<u>Keep within the time limits</u>. Speakers who exceed their allotted time will not be able to finish their presentations and lose time for questions.

<u>Don't try to cover everything in your thesis</u>. It is understood that your thesis document is more extensive than your presentation can be. Cover key components of your work, or pick a particularly interesting section to cover. The question and answer period will give you additional time to cover pieces of your work of specific interest to the audience.

<u>Speak slowly and breathe</u>. You might be tempted to talk fast, but if you can control this urge and slow things down, even pause at key points, your presentation will be more effective.

<u>Practice your presentation</u>. It is imperative to practice with other students or friends who can give you feedback. You'll want to practice staying within the time limits, making eye contact with the audience, and appearing relaxed and confident. Contact your thesis reaer, the Director, or Assistant Director to check room availability for practicing in advance of your presentation.

<u>Use high-quality visual aids</u>. The use of electronic presentation software such as PowerPoint is highly recommended. If you use overhead slides, make sure that they are clear and easy to read. Minimize text in slides, use type that is large enough to be seen from the back of the room (at least 30-point font). Don't read your slides to the audience, and don't turn away from the

audience to stare at the screen. Make sure you know how to operate the audio-visual equipment you will be using.

IV. Formatting Requirements

Your finished thesis will become a permanent document at the Evergreen library. These formatting requirements are designed to make your thesis library-worthy.

References and Citations

Your thesis project will almost invariably build upon the efforts of researchers from other times and places, so it is important to clearly and accurately reference the work of others in your thesis. Because of the interdisciplinary nature of environmental studies, we offer some flexibility as to the documentation style used in MES theses. For specific information about how to cite references within text and how to list these references at the end of your thesis, you should choose a style, in consultation with your reader. The style you choose will most likely be from one of the following style manuals: (1) *Chicago Manual of Style*, (2) *Publication Manual of the American Psychological Association*, or (3) *Modern Language Association Handbook for Writers of Research Papers*. These styles are summarized in *Form and Style* (13th Edition), by Carole Slade (Houghton Mifflin, 2009). Purdue OWL is a great on-line source for citation guidelines.

Length

While there are no specific page limits for MES theses, past theses have ranged in length from about 50-250 pages, with the majority in the range of 80-100 pages.

Margins

The final version of your thesis should be formatted with 1 inch margins all around the document. Pages should be numbered (as described later in this section), and the numbers should appear in the lower center of the page. Sometimes charts and graphs may need to be folded to fit or reduced to a smaller size. If folded, have the fold at least 1/2" from the right edge of the document.

Line Spacing and Font

Text must be double-spaced. Indented quotes, footnotes, and figure and table captions should be single-spaced. The font used should be 12- point Times New Roman, with headings no larger than 14 point. Footnotes, figure and table captions, can be as small as 10 point font. Paragraphs should be indented 1/2".

Library Thesis Copy

The thesis copy submitted to the library will be digital so you will submit a final PDF copy of your document once your faculty thesis reader has approved it.

Required Pages in the Thesis

To help you with formatting, we have provided a thesis format template on the Thesis Process webpage. Please know that this template may not work perfectly for you depending on the version of Microsoft Word you are using, and if you are formatting on a PC or Mac. You might also consult with someone in Academic Computing or Scientific Computing (CAL) for help with setting up the numbering system on your computer.

All MES theses should contain the following pages (the pagination system is indicated in parentheses):

<u>Title Page</u>: (**not numbered**; counted as page i) This is the first page of your written thesis. It contains the title, the full name of the author, a presentation statement, e.g. "submitted in partial fulfillment of the requirements for the degree of Master of Environmental Studies," and the date the thesis was completed. The date should be the month and year of the last week you took thesis credits. A sample Title page is included in Appendix A.

<u>Copyright Page</u>: (**not numbered**; counted as page ii) Although not required for copyright protection, since your thesis will be available as an electronic document through the Evergreen Library, you are strongly advised to include this page in order to make your copyright protection obvious to all readers. A sample Copyright page is shown in Appendix A.

<u>Approval Page</u>: (**not numbered**; counted as page iii) Following your title page is the approval/signature page signed and dated by your faculty reader. This page must be signed by your reader before being submitted for binding and before you can graduate. All copies of your bound thesis must have an approval page with an original signature from your reader. A sample Approval page is shown in the Appendix A.

<u>Abstract</u>: (**not numbered**; not counted in page numbering) The abstract is a concise summary of your topic, findings and conclusions. The abstract should be no longer than 300 words. The layout for the Abstract page is shown in Appendix A.

<u>Table of Contents</u>: (number first page as iv) The Table of Contents lists the chapter or major section titles by page number. First-level and second-level heads, describing paragraphs or paragraph sections, may be included as well. Following the chapter sections, and also listed by page number, are your references and appendices, if any.

<u>List of Figures</u>: (begins a new page; continue lower case Roman numerals) This list includes figure numbers, figure captions, and page numbers. Figures include photographs, drawings, maps, graphs, and charts—in other words, all illustrations except for tables.

<u>List of Tables</u>: (continue lower case Roman numerals) This list includes table numbers, table captions, and page numbers. It can be included on the same page as the List of Figures if there is sufficient room to fit both on a single page.

<u>Acknowledgments</u>: (continue lower case Roman numerals) As a matter of professional courtesy, any source, person or organization from whom you received substantive research and writing support should be acknowledged. Your reader(s) should always be acknowledged.

<u>Text</u>: (first text page is counted as page 1, which starts the numbering with Hindu-Arabic numerals—i.e., what used to be called Arabic numerals; continue with this numbering through the end of the document) Figures and tables should appear in the text as defined by the thesis style.

<u>References or Notes</u>: (continue with Hindu-Arabic numerals) The reference or note list at the end of your project documents all materials cited in the text and provides the information necessary to identify and retrieve each source. References listed must be cited in the text; conversely, each reference cited must appear in the reference or note list. The actual format of

your reference or note list will depend on the documentation style that you choose.

<u>Bibliography (optional)</u>: (continue with Hindu-Arabic numerals) You may include a bibliography, formatted according to the style you have chosen, listing sources pertinent to your topic but that are not necessarily explicitly cited in your thesis.

<u>Appendices</u>: (continue with Hindu-Arabic numerals) Materials that supplement your text, but which are not appropriate for inclusion, may be appended. Materials should be subdivided in logical sections and listed in the table of contents.

<u>Colored Paper</u>: (not numbered) A piece of colored paper should be inserted between copies of your thesis (if printing more than one) when they are submitted to the Program Assistant's Office (Lab 1, 3019) for binding.

V. Submission Requirements

MES requires that one digital PDF copy of your thesis, be submitted to the Program Assistant's Office (Lab 1, 3019) for submission to the library Institutional Repository. The electronic copy will be stored in Archives and will be accessible to library patrons.

If you would like to have one or more copies of your thesis bound for personal use, follow the instructions below:

Binding Personal Thesis Copies

You can have hard copies of your thesis bound for personal use and can be double-sided or single-sided printing. If you choose to have printed copies bound for your personal use, the costs associated with binding are your responsibility.

Approximate Cost of Binding for Personal Copies of Thesis

The MES Program works with the Trappist Abbey Monastery in Carlton, Oregon, to provide students with a binding option that works well for students. Their cost is a base fee of \$30 and can increase depending on the number of color pages and the number of characters on the cover and spine. The actual cost for binding your project will be calculated when you fill out the Trappist Abbey Book Bindery Form at: https://www.bookbindery.org/thesis-printing-and-binding/order-now.html.

How to Order a Bound Copy in Traditional MES Formatting

Binding with Trappist Abbey Monastery

Click: https://www.bookbindery.org/thesis-printing-and-binding/thesis-printing-and-

binding.html

Select: "Get Started"

Ordering

BINDING INFORMATION				
*B&W Pages:	*Color Pages:	*Number of copies:		
Total number.	Total number.	Number only. (\$30.00 per copy)		
*Imprinted On Spine:				

If nothing is entered here, the Title and Author from the title page will be used.

- Please indicate the number of black and white pages and the number of color pages you have in your document, they will print the document for you.
- Please indicate the number of copies you would like to request.
- On the spine: Include your name, MES, and graduation year
 - Example: Frodo Baggins MES 2022

*PDF Document:

BROWSE & UPLOAD

Only PDF files are allowed to be uploaded.

*All margins will be trimmed 1/8th inch on all sides and should be adjusted accordingly.

**PDF file names must contain less than 55 characters

We require your file in a PDF format. PDF files will be printed as you save them.

*Print Type:	*Paper Type:	*Title On Cover:	
Please choose one	Please choose one	Please choose one	
*Cover Color:	*Stamping Color:	*Pocket Option:	
Please choose one	Please choose one	Please choose one	
*Process Time:			
Please choose one			

- Upload your thesis PDF document
- Print Type: can be either single or double sided, it's up to you!
- Paper Type: also totally up to you! Typically an MES thesis is printed on medium weight paper which is a bit nicer than regular printer paper.
- Title on Cover: Your thesis title
- Cover Color: #39 Forest Green
- Stamping Color: Gold
- Pocket Option: Up to you, can be nice if you have additional materials you want to include in your thesis such as a CD copy of your thesis presentation as a gift but a pocket is not necessary if you don't have items to include.
- Process Time: You can pay extra if you want an expedited timeline
- Enter your billing and shipping information and confirm purchase!
- The Bindery will ship the final bound and printed copies to your home address directly!

Preparing a Digital Copy of Your Thesis

The program requires that you submit a copy of your completed thesis in PDF format for the Evergreen library's circulating collection. The digital thesis will be a **PDF file** and the Approval page should not contain digital signatures, for security reasons. You may submit the digital copy as an attachment to averi.a.azar@evergreen.edu, or download it onto a flash drive or CD and bring to the MES Office, Lab 1, 3022 or 3019.

Final Submission

Once you are ready to submit your thesis, please email your document to the MES Program Assistant or Assistant Director so that they can perform final formatting checks. If no further corrections are required, they will let you know that they are happy to accept your thesis on behalf of the program.

Deadlines and Distribution of Bound Theses

Your final thesis document is due no later than the Friday of Week 10 of the quarter in which you last took thesis credits or a thesis extension. This allows time for your reader to write your thesis evaluation during evaluation week. You will earn credit for your thesis after you have presented, the MES office has your thesis with approval from your reader, and your reader submits your thesis evaluation.

[Title Page Layout]

[Start title 2" from top of page]

THESIS TITLE AT TOP WITH A SECOND LINE OF THE TITLE

[The title is 1.5 or double spaced]

AND EVEN A THIRD LINE OR MORE

["by" is 5" from top of page]

by

[1.5 or double spaced]

{Name of Author}

[This text is single spaced]

A Thesis Submitted in partial fulfillment of the requirements for the degree

Master of Environmental Studies

The Evergreen State College June 2022

[Date should be month and year of the final week in which you took thesis credits]

[Last line is 1" from bottom of page]

[Copyright Page Layout]

© {year} by {Your Name}. All rights reserved.

[Approval Page Layout]

This Thesis for	r the Master of Environmental Stud	ies Degree
	by	
	{Your Name}	
	has been approved for	
	The Evergreen State College	
	by	
[check with reader regarding how they want their name listed]	{Reader's Name} Member of the Faculty	
	Date	

[Abstract Page Layout]

ABSTRACT

{Title of Thesis -- single-spaced if on more than one line}

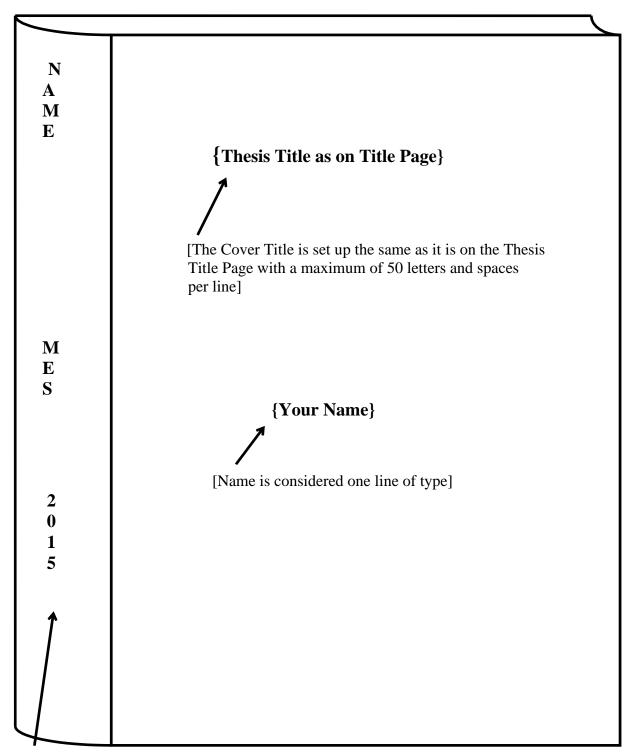
{Your Name}

{Text: The text should be single-spaced and left-attributed, like this. Your abstract should be no more than 300 words, and describe succinctly your thesis, your basic findings, and conclusion.}

Appendix A: Sample Pages

Please remember that items in brackets are individual to your thesis and the brackets should not be in your printed thesis.

[Layout of Cover on Bound Copies]



[Book Spine - name, degree and year is considered one line of type]