

SMED Program Ph.D. Timeline

This is draft of a schedule for the SMED Ph.D. program. Individuals may deviate from this schedule to accommodate advisor recommendations and individual needs. Please be advised all students must adhere to the responsibilities and requirements of the Graduate School and the Department of Science and Mathematics Education. <http://catalog.oregonstate.edu/ChapterDetail.aspx?key=40>

YEAR ONE	
First Term (Fall)	<ul style="list-style-type: none"> • Meeting of first year cohort with directors of Doctoral Studies • Attend the first Brown-bag welcoming to the community (meet faculty & students) • Meet with assigned advisor (assigned when accepted) [discuss program process & scholarship possibilities] • Meet all faculty and investigate faculty research interests. • Make appointments with faculty of interest in anticipation of determining dissertation advisor. • Take required courses in SMED & explore optional courses to begin thinking about program of study <ul style="list-style-type: none"> ○ First year of Research Content sequence ○ Research Methods sequence • Complete IRB training through Graduate School website • Develop awareness of department criteria for program (embedded in each course & narrated in student handbook) • Use course assignments to explore general area(s) of research including literature reviews, methodologies, research process • Read in-depth beyond course requirements.
Second Term (Winter)	<ul style="list-style-type: none"> • Consult with Assigned Advisor <ul style="list-style-type: none"> ○ Begin developing Program of Study ○ Discuss components & qualities necessary for Written Department Exam ○ Develop tentative timeline for completing program • Use course assignments to explore general area of research • Read in-depth beyond course requirements. • Use course work/ research/teaching graduate assistance to explore research process through discussions of readings & analysis/writing process. • Participate in “lab meetings” or reading in conference courses with instructors of interest to develop in-depth analysis of reading and writing processes.
Third Term (Spring)	<ul style="list-style-type: none"> • Use course work/research/teaching graduate assistance to explore research process through discussions of readings & analysis/writing process • Read in-depth beyond course requirements. • Collaboratively determine dissertation advisor • End of quarter Graduate Program of Study meeting (must complete within one calendar year if student has masters, by end of 5th quarter if no masters, enrolled in at least 3 credits to file) <ul style="list-style-type: none"> ○ Meet with dissertation advisor to develop program of study ○ Construct committee for program of study ○ Meet with minor professor to discuss program of study ○ Committee meeting to approve program of study ○ File forms with graduate school after approval • Doctoral Students need to print the Doctoral Program Meeting Checklist and take it to program meeting. The Graduate Council Representative will complete and sign this form and return it to the Graduate School with the signed Program of Study. Web site: http://oregonstate.edu/dept/grad_school/current/forms.html • Faculty Annual Student Review <ul style="list-style-type: none"> ○ Adjust program of study and activities as advised
Summer	<ul style="list-style-type: none"> • Read in-depth beyond course requirements.

YEAR TWO	
Fourth Term (Fall)	<ul style="list-style-type: none"> • Second year of Research Content sequence • Additional method(s) course(s) • Other courses to further program of study according to interests and graduate school/department requirements/advisor recommendations • Graduate Program of Study meeting <ul style="list-style-type: none"> ○ Deadline for filing Program of Study before Winter quarter
Fifth Term (Winter)	<ul style="list-style-type: none"> • Second year of Research Content sequence • Additional method(s) course(s) • Check in with dissertation advisor to discuss <ul style="list-style-type: none"> ○ course selection ○ Written Department Exam ○ research interests and progress on scholarly pursuits (conference presentations, publications, dissertation)
Sixth Term (Spring)	<ul style="list-style-type: none"> • Finish required SMED courses • Faculty Annual Student Review: Adjust program of study and activities as advised • Earliest timeframe for beginning <u>Written Department Exam</u>. (see year three description) • <u>Preliminary Oral Graduate School Exam</u> (schedule 2-4 weeks after satisfactorily completing written exam.)
Summer Term	<ul style="list-style-type: none"> • Complete Written Department Exam [students can write exams during summer but assessment will take place during Fall quarter]

YEAR THREE	
Seventh-NinthTerm (Fall, Winter, Spring)	<ul style="list-style-type: none"> • Courses to complete Program of Study • <u>Written Department Exam</u>, (two questions, 3 weeks/question) <ul style="list-style-type: none"> ○ Written Exam (see department handout on Dept. Exam) ○ Faculty will be selected by SMED chair on rotating basis to write questions ○ Meet with faculty on interests/ideas before & during writing ○ Faculty meet prior to exam to confer. • <u>Preliminary Oral Graduate School Exam</u> (schedule 2-4 weeks after satisfactorily completing written exam.) (see Department handout) <ul style="list-style-type: none"> ○ Doctoral Committee participates in exam ○ Exam is two hours over knowledge of major and minor fields ○ Student must be enrolled in a minimum of three credit hours during term of exam. • <u>Dissertation Research</u> <ul style="list-style-type: none"> ○ <u>Proposal Development</u> <ul style="list-style-type: none"> ○ Begin defining research problem/questions for dissertation ○ Conduct comprehensive literature review on topic for dissertation ○ Narrow research methods ○ Writing research proposal <ul style="list-style-type: none"> ○ Intro defining the problem ○ Literature review, research questions and framework ○ Methods section including how analysis will be conducted ○ Assemble Dissertation Committee for Proposal Defense <ul style="list-style-type: none"> ○ Meet with members to present ideas and drafts of work ○ Revise work according to member suggestions ○ Recommend informal meeting of committee to hear ideas prior to defense. ○ Distribute well developed/revised draft to committee at least two weeks prior to defense. Student checks in with committee prior to defense to assure proposal is ready. ○ Faculty advisor checks in with committee prior to defense ○ <u>Proposal Defense</u> <ul style="list-style-type: none"> ○ Public presentation to community ○ Private defense with dissertation committee (including graduate representative) • <u>Data Collection</u> <ul style="list-style-type: none"> ○ Complete and submit IRB application ○ Revise IRB application as needed ○ Begin data collection • Meet with advisor & committee members to review work
Summer	<ul style="list-style-type: none"> • Continue data collection • Continue data analysis • Begin writing drafting dissertation/revising previous sections • Meet with advisor & committee members to review work

Comment [C1]: Who writes the questions is now a bigger issue. I don't think we considered if the faculty writing the questions would also be at the Ss oral exam (i.e. dissertation committee). Is it okay that the written exam committee is not necessarily on the oral exam committee.

YEAR FOUR	
Fall Winter Spring	<p><u>Dissertation Data Collection & Analysis</u></p> <ul style="list-style-type: none">• Data analysis/writing• Writing dissertation/revising previous sections• Meeting with advisor and committee members as needed to review progress• Complete thesis (all sections)• Distribute copies of exam copy of thesis to all committee members (usually end of March) [note: check in with committee members periodically prior to this]• Meet with committee members after distributing thesis for insights/revision considerations <p><u>Final Oral Exam</u></p> <ul style="list-style-type: none">• Schedule & File Final Oral (Dissertation Defense) Examination Form with Graduate School (two weeks prior to final oral exam)<ul style="list-style-type: none">○ See Graduate School requirements○ The exam may be held only during the periods when classes are in session (including finals week).○ Dissertation is not accepted for graduation until received approval by graduate dean.• Oral Defense<ul style="list-style-type: none">○ One hour presentation/discussion with public○ Dissertation committee members defense one hour○ Final oral defense must be taken within five years of Oral Preliminary Graduate School Exam• File diploma application with Graduate School (usually mid-end of March)