



# WAYNE STATE

## College of Education

### **Ph.D. in Educational Studies Handbook Division of Teacher Education**

This handbook intends to provide essential guidelines for students accepted to the Educational Studies Ph.D. program in the Division of Teacher Education. It outlines a chronological set of requirements and procedures that students should follow from when they begin the program to their application for graduation to complete the degree. When applicable, the various sections include links to forms and additional information. If, for any reason, any of the links in this document are not active, please copy and paste the links into your Internet browser or use the links below to the Graduate School or College of Education to search for the information. Information in this handbook is subject to change.

Please submit all forms to the following:

489 Graduate Education Office  
Education Building  
5425 Gullen Mall  
Detroit, Michigan 48202, USA  
313-577-1606 TEL  
313-577-7904 FAX

[edforms@wayne.edu](mailto:edforms@wayne.edu)  
<http://gradschool.wayne.edu>  
<https://education.wayne.edu/>

## Table of Contents

	<b>Page</b>
<b>Before Coursework</b>	
Initial Advising .....	3
Transfer of Credits.....	3
<b>During Coursework</b>	
Course and Credit Requirements and RCR Training. ....	4
Cognate.....	4
Residency Requirements.....	5
Full-Time Graduate Status.....	5
Plan of Work.....	5
Changes in Plan of Work.....	5
Course Repeat Policy.....	5
Annual Review/Individual Development Plan.....	6
Formatting Guidelines for Writing.....	6
Qualifying Examination.....	6
Written Examination.....	7
Oral Examination.....	7
<b>After Coursework</b>	
Doctoral Candidacy.....	8
Dissertation Advisory Committee.....	8
Doctoral Research and Direction Course Credits.....	9
Maintenance Credits.....	9
Dissertation Proposal/Prospectus.....	10
Institutional Review Board (IRB) Approval.....	10
Dissertation Preparation.....	11
Degree Completion Deadlines and Checklist.....	11
Dissertation Public Lecture-Presentation Defense.....	11
Items Related to the Final Dissertation Defense.....	11
Graduate Examiner.....	11
Final Degree Requirements.....	12
<b>Time Extensions.....</b>	<b>12</b>
<b>Other Resources</b>	
Funding.....	13
Graduate Writing Resources.....	13
<b>Additional Materials</b>	
Course Requirements.....	14
College of Education Approved Research Courses.....	17

# Educational Studies Ph. D. Program Overview and Sequence

## Before Coursework

### *Initial Advising*

Each student is assigned an advisor at the start of their program to help them plan their studies and provide academic guidance. This initial advisor may or may not become the dissertation advisor. Each student should consult the acceptance letter for the name of the assigned advisor and contact the advisor before the beginning of the semester in which the student gained admission to obtain advice on course registration and again at the beginning of the semester to schedule a meeting to discuss the student's scholarly aims and interests, learn program requirements, and complete a plan of work.

The student may change advisors or dissertation committee members until the Qualifying Examination (written or oral). Once the student takes the Qualifying Examination, they should wait to change the committee until they pass the written or written and oral exams (as required). Suppose the student desires a change of advisor or a committee member before the Qualifying Exam; in that case, the student should discuss the difference with the current advisor and identify another graduate faculty member as the new advisor or committee member. The student should acquire the current advisor's signature and the latest advisor or committee members and submit the Change form to the Graduate Education Office (Room 489).

The student must use a "Change in Committee" form to request a change in Advisor and Committee. Submit the "Change in Committee" form if the student makes a change in composition of the committee *after* the prospectus has been defended. This form is available electronically on the Graduate School's website:

<https://gradschool.wayne.edu/students/phd/forms>

### *Transfer of Credits*

A maximum of 30 semester hours of graduate credit earned before admission as a doctoral applicant may be accepted, at the discretion of the major advisor, without regard to when the student took the courses. The program does not consider any hours that count toward another degree.

- Only grades of "B" or better (3.0 on a 4.0-point scale) are acceptable for transfer. "B-" grades are considered less than "B" and are not permitted. Grades of "P" or "S" are not transferable.
- At their discretion, the student's major advisor decides whether a previously taken course counts toward the student's doctoral program.
- The Ph.D. Transfer of Credit form should be submitted at the same time of the Plan of Work form. The Ph.D. Transfer of Credit form is available online:

<https://gradschool.wayne.edu/students/phd/forms>

## During Coursework

### ***Course and Credit Requirements and RCR Training***

The student must meet at least ninety (90) graduate credits beyond the baccalaureate degree for the Ph.D. program: 60 credits in coursework and 30 credits in dissertation research.

<b>Minimum Required Semester Hours</b>	
Major Field (Concentration)	16 minimum
Doctoral Seminars	8 minimum
Research Techniques	15 minimum
Dissertation Research	30
Electives	As needed to reach 90
Minor Field/Cognate (Optional)	12 minimum if chosen
<b>Total Minimum Semester Hours</b>	<b>90</b>

**This handbook lists the Ph.D. required courses for each concentration at the end of this document.**

In addition, all students must enroll in GS 0900, *Essential Research Practices: Responsible Conduct of Research*. GS 0900 course is a tuition-free zero credit hour, pass/fail. This course consists of a day-long seminar and an essay component. All Ph.D. students must enroll in this course in the fall or winter semester of their first year in the program. The graduate school sets the dates. The information is available online: <https://gradschool.wayne.edu/phd/research-conduct>. Alternate arrangements are possible for students unable to attend on those dates for religious or cultural reasons.

Before attending the GS 0900, students must complete the [Collaborative Institutional Training Initiative \(CITI\)](#). This initiative is a basic online course for conducting responsible research and applies to all students. CITI Training topics include authorship, collaborative research, conflicts of interest, data management, financial responsibilities, mentoring, peer review, and plagiarism.

### ***Cognate***

The cognate is optional for the student's program. Some students will find that a cognate strengthen their program. In addition, having a cognate outside of the College of Education may provide Ph.D. students with the necessary "outside member" of the dissertation committee. In consultation with the major advisor, the student should determine if the cognate warrants. If chosen, the cognate comprises twelve (12) semester hours and is part of the 90 minimum semester hours.

If the student does not choose a minor field/cognate, they will select additional coursework in consultation with the advisor to meet the minimum 90 semester hours.

## ***Residency Requirements***

Residency refers to courses taken "in residence" or at Wayne State University. The requirements are as follows:

- The student must take at least thirty (30) semester hours beyond the master's degree in residence at Wayne State University. Dissertation credits do not fulfill the 30-semester-hour residency requirement,
- The student must complete at least six (6) semester hours of regular graduate coursework every two successive semesters at any time **after** official admission to the program. **Dissertation credits do not apply to regular graduate coursework.** Successive semesters include fall and winter, winter and spring/summer, winter and fall, and spring/summer and fall.
- A minimum of thirty (30) semester hours, exclusive of dissertation credit, must be elected in coursework open only to graduate students (7000-course level or above).

## ***Full-Time Graduate Status***

Full-time status requires eight or more credit hours per semester in the fall and winter semesters. The definition of a regular course load will vary depending on the requirements of each program. In the spring/summer, full-time status requires two or more credit hours.

## ***Plan of Work***

In consultation with the advisor, the student completes the Plan of Work and lists courses (taken and to be taken) in the program. The major advisor and the College Graduate Officer must approve the Plan of Work during the semester in which the student completes the **first 18 semester hours** of coursework under advisement. The Plan of Work must conform to the Policy and Procedures of the College of Education with at least 24 semester hours of regular graduate coursework in Education. The total semester hours may not exceed 122. An approved Plan of Work is a requirement for Ph.D. Candidacy. The Ph.D. Plan of Work form is available online:

<https://gradschool.wayne.edu/students/phd/forms>

**Changes in Plan of Work.** The student may change the approved Plan of Work courses in consultation with the advisor. To make course changes listed in the approved Plan of Work, the student should set up a meeting with their advisor to fill out a Change in Plan of Work Form, which is available online:

<https://education.wayne.edu/students/doctoral-resources>

## ***Course Repeat Policy***

Students may repeat only courses in which they received a grade of B- or below. The original grade for the course will remain on the student's transcript. Still, the record

will indicate only the second iteration of the grade in calculating the student's Grade Point Average. Students will not receive University financial aid for the repetition of courses. A "Request to Repeat a Graduate Course" form must be completed and filed before registration for the repeated course This form is available online:

[https://education.wayne.edu/documents/graduate\\_repeat\\_form.pdf](https://education.wayne.edu/documents/graduate_repeat_form.pdf)

### ***Annual Review/Individual Development Plan***

Each academic year, every Ph.D. student/candidate must submit an Annual Review/Individual Development Plan. The purpose of the Annual Review/Individual Development Plan is to encourage conversations between the major advisor and the student regarding professional development, career pathways, and employment opportunities. The progress report outlines the student's progress during the academic year and lists goals for the following year. The student and advisor must complete the Annual Review/Individual Development Plan each year between April 1 and October 1. Progress Report Form available online: <https://gradschool.wayne.edu/students/phd/forms>

### ***Formatting Guidelines for Writing***

In TED, the student must complete all scholarly writing in the American Psychological Association (APA) formatting style. Either purchase or obtain the APA Publication Manual. Or review formatting guidelines available online: [www.apastyle.org](http://www.apastyle.org)

### ***Qualifying Examination***

The Qualifying Examination is an opportunity for doctoral students to demonstrate a comprehensive understanding of their discipline and specialized knowledge in their area of research, construct a coherent argument, and analyze and synthesize ideas in the field. All Ph.D. students must pass the Qualifying Examination near or at the end of their coursework. Successful completion of the Qualifying Examination is a requirement for Ph.D. Candidacy.

The student chooses the format of the Qualifying Examination in consultation with the advisor. It contains written and oral components. Toward the end of the student's coursework, the student chooses a preferred semester to complete the Qualifying Examination. The advisor and student work together to develop a plan for preparing for the Examination.

The Qualifying Examination Committee must consist minimally of three graduate faculty members from the major department at the College of Education, at least two of whom hold a Regular Graduate Faculty Appointment valid through the completion of the Qualifying Examination period. The major advisor must be one of the two members with a valid Regular Graduate Faculty Appointment. The committee's membership can change after the student passes the Final Qualifying Examination.

The Qualifying Examination Committee must have the following members:

- The major advisor serves as the Qualifying Examination committee chairperson and the Graduate Examiner.
- Two additional graduate faculty members from the major department (College of Education) must be part of the Qualifying Examination Committee.
- If applicable, one graduate faculty member from the cognate area should participate in the Qualifying Examination.

A list of faculties with Graduate Faculty Appointments is available online:

<https://gradschool.wayne.edu/faculty/graduate-roster>

The major advisor conveys to the student the results of the Qualifying Examination.

**Written Examination.** Two options exist for the Written Doctoral Qualifying Examination in the College of Education. The first option consists of four 3-hour writing sessions totaling 12 hours. Students complete either 12 hours in the major field or 9 hours in the major area and 3 hours in the cognate. The second option consists of two one-week periods in which the students respond to two questions per week. Choose either of the above examination options in consultation with the major advisor.

Students who complete the written Qualifying Examination must take an Oral Qualifying Examination. If the student fails the Written Examination, they can repeat it only **once**. The major advisor will convey the Examination Committee's specific recommendations concerning a second examination to the student. They will also inform the student about completing additional work before a second examination. **A second examination may only occur once at least one term has elapsed but must fall within one calendar year following the first Examination.** The outcome of the second Examination is final. Students who fail the Written Examination in the Fall semester have only one option: Retest in the following Fall semester. Students who fail the Written Examination in the Winter semester have two options: Retest in the upcoming Fall Semester. **Or** Retest in the next Winter semester.

The Academic Services initiates a written report and sends it to the exam chair for the test result.

**Oral Examination.** The Oral Examination covers the student's area of concentration and the cognate (if applicable). The Oral Examination occurs after the Written Examination, and all Ph.D. students who complete the Written Examination participate in the oral examination. The content of the Oral Examination can be like or different from the Written Examination. If a student's response to a section of the Written Examination is weak, the Oral Examination offers a further opportunity to demonstrate knowledge. If there are no weak areas, the Oral Examination is an opportunity to delve further into the student's understanding of the field and explore plans related to dissertation research.

The student should fill out a form to take the qualifying exams. This application



is due at the beginning of the semester when the student plans to take the qualifying exams. The application form has the necessary information, policies, and procedures for qualifying examinations, which is available online:

<https://education.wayne.edu/students/final-qualifying-examinations>

After taking the Oral Examination, the student submits the Report on Oral Examination form. This form is available online:

<https://gradschool.wayne.edu/students/phd/forms>

## **After Coursework**

### ***Doctoral Candidacy***

The Graduate School will advance a student to the Ph.D. candidate rank upon the recommendation of the department and the College of Education Graduate Officer and completion of the following requirements:

1. Approval of the Plan of Work by the Graduate School
2. Completion of all coursework as listed in the Plan of Work
3. Satisfactory completion of the Final Qualifying Examination
4. Identification of the membership of the student's Dissertation Advisory Committee

The form the student must submit for the recommendation for doctoral candidacy is available online: <https://gradschool.wayne.edu/students/phd/forms>

### ***Dissertation Advisory Committee***

The student selects a dissertation advisor and committee to guide them through the dissertation research--preparation to completion. The Dissertation Advisory Committee may differ from the Qualifying Examination Committee. The naming of a dissertation advisory committee is a requirement for Ph.D. Candidacy.

The Dissertation Advisory Committee consists minimally of four members (or five members if there are co-chairs). At least two committee members must be from the student's home department or program. The committee chair must hold a graduate faculty appointment in the home unit. If co-chairs exist, at least one from the home unit must keep a graduate faculty appointment. In addition to the chair, one other member must hold a graduate faculty appointment. The committee also must have an external member:

- They broaden the dissertation committee beyond the home program to represent a different perspective by field, location, or knowledge application.
- They do not hold any salaried or contractual appointment, tenure-line, or retreat rights in the home program.



- They understand the standards of doctoral research.

The student must use a single form to request a change in Advisor and or Committee. The form is available online: <https://gradschool.wayne.edu/students/phd/forms>

### ***Doctoral Dissertation Research Course Credits***

The Graduate School requires the candidate to complete thirty (30) dissertation credits. When the candidate enrolls in the dissertation course credits, the candidate works toward completing the dissertation, beginning with the prospectus/proposal. Although the candidate is not taking traditional courses during this time, the candidate should be in continuous contact with their major advisor to make satisfactory progress and complete the dissertation within the time limits established by the Graduate School.

With the attainment of candidacy, the candidate begins registration in the dissertation research courses: ED 9991, ED 9992, ED 9993, and ED 9994. Candidates must enroll in these four courses in consecutive academic year semesters (not including Spring/Summer). Each research course is equivalent to 7.5 credits. The student must submit a request for an override to the Graduate School to register for dissertation credits. The form for Request for Dissertation Research Course Override is available online: <https://gradschool.wayne.edu/students/phd/forms>

The Graduate School allows for Pre-Candidacy registration of ED 9991 Doctoral Candidate Status I: Dissertation Research and Direction if the student plans to complete the qualifying examinations in the same term. The student must first request a memo of support for ED 9991 registration from the Graduate Director. The information is available online: [https://waynestate.az1.qualtrics.com/jfe/form/SV\\_bDR2ZnLfxl6442G](https://waynestate.az1.qualtrics.com/jfe/form/SV_bDR2ZnLfxl6442G)

Once the student has the supporting memo from the Graduate Director, the student must complete the online request for an override form and upload the memo available online: <https://forms.wayne.edu/616d8d1192b95/>

After the Ph.D. Office enters the override; the automated messages will notify the student via the student's WSU e-mail account with the CRN. Use the CRN (a five-digit number) to register for ED 9991.

### ***Maintenance Credits***

Suppose a candidate completes all four Doctoral Dissertation Research and Direction courses but must satisfy all the dissertation requirements. In that case, the candidate should register in Candidate Maintenance Status (ED 9995) each semester until completion of the program. Maintenance Status allows candidates access to university resources - libraries, computer systems, laboratories, and faculty advising. The Candidate Maintenance fee equals the Registration Fee plus the Omnibus Fee for one graduate credit. The student must submit a request for an override to the Graduate

School to register for the maintenance credits using the same form Dissertation Research Course Override. The form for Request for Dissertation Research Course Override is available online: <https://gradschool.wayne.edu/students/phd/forms>

## ***Dissertation Proposal/Prospectus***

Before the candidate can begin the dissertation work, they must compose and defend a prospectus or the dissertation research proposal to the dissertation committee. Under the guidance of their advisor, the candidate prepares a description of the proposed research and dissertation for approval by their advisory committee. Typically, the proposal is the first three chapters of the dissertation--Introduction, Literature review, and Methodology. Teacher Education's style for footnotes, citations, references, tables, chapter headings, etcetera follows APA guidelines.

The student must organize the dissertation proposal/prospectus (and later the dissertation) following the Graduate School format guidelines available online: [https://gradschool.wayne.edu/final\\_requirements/format\\_guidelines.pdf](https://gradschool.wayne.edu/final_requirements/format_guidelines.pdf)

After successfully defending the dissertation proposal, the student is responsible for accessing, completing, and submitting the following:

- All doctoral committee members must sign the Prospectus and Record of Approval Form available online: <https://gradschool.wayne.edu/students/phd/forms>
- Ph.D. Conflict of Interest Form (signed by all members of the doctoral committee) available online: <https://gradschool.wayne.edu/students/phd/forms>
- Memorandum of Approval of your dissertation research from the Institutional Review Board (IRB) if your research involves human subjects.
- Copy of the prospectus/proposal.

## ***Institutional Review Board (IRB) Approval***

If the dissertation research involves human subjects, the data collection may begin **once** the committee has approved the prospectus/proposal and the IRB Office has approved the study. The IRB Office regulates all university requirements for IRB approval. The student should access the IRB website for related information:

- **CITI Training:** <http://research.wayne.edu/irb/mandatory-training.php> [Note: The student/candidate must complete the CITI training in their first year in the Ph.D. program, but must ensure that training is up-to-date at the time of the dissertation.]
- IRB Regulations, Forms, and Procedures available online: <http://research.wayne.edu/irb/>

## ***Dissertation Preparation***

The dissertation presents the original scholarship or research completed by the candidate under the guidance of the dissertation advisor. In TED, the style for footnotes, references, citations, tables, chapter headings, etcetera, follows APA guidelines.

The Graduate School monitors the formatting requirements of dissertations and theses. Below is the link to the university's format requirements:

[https://gradschool.wayne.edu/final\\_requirements/format\\_guidelines.pdf](https://gradschool.wayne.edu/final_requirements/format_guidelines.pdf)

## ***Degree Completion Deadlines and Checklist***

The candidates can review the documents on this website, using the link below, while completing the dissertation to access completion deadlines for each semester, a completion checklist, and forms to fill out: <https://gradschool.wayne.edu/phd/deadlines-requirements>

## ***Dissertation Public Lecture-Presentation Defense***

The candidate presents and defends the dissertation in a public lecture. The College of Education Graduate Director conveys defense results to the Graduate School via the Defense Final Report form below.

## ***Items Related to the Final Dissertation Defense***

- **At least two weeks** before the "Dissertation Public Lecture-Presentation Defense," the student fills out and secures committee signatures of the Final Defense Report Part I form available online. <https://gradschool.wayne.edu/students/phd/forms>
- Part II of the same form is filled out after the student presents the dissertation.
- In addition, the student and committee must fill out a "Conflict of Interest" Form available online: <https://gradschool.wayne.edu/students/phd/forms>
- Students must also obtain original signatures from each committee member on the dissertation Title Page.

## ***Graduate Examiner***

A Graduate School-appointed Graduate Examiner is not necessary at the doctoral Dissertation Public Lecture Presentation and Final Defense. The dissertation committee chair assumes the responsibility for overseeing the procedures of the Defense, serving as the advocate for the student, and resolving conflicts. The dissertation committee chair completes the Defense form, obtains the required signatures, and convenes a pre-Defense meeting of the student and committee. The option to request a Graduate Examiner from the Graduate School is available to the

student, the dissertation committee chair, or any dissertation committee member. The request should be made at least two weeks prior to the Defense.

### ***Final Degree Requirements***

- Use the link below to access a list of final degree requirements and forms:  
<https://gradschool.wayne.edu/phd/forms>
- Submit all program forms to:

**Academic Services Graduate Office**  
**Room 489 Education Building**  
[edforms@wayne.edu](mailto:edforms@wayne.edu)  
**313-577-1606**

### **Time Extensions**

Students have a seven-year time limit to complete all requirements for the Ph.D. degree. The seven-year period begins with the end of the semester in which the student received admission to doctoral study. If, because of circumstances, the students need additional time, they should meet the following conditions to consider an extension:

- Submit the request no later than six months following the student's time limit expiration.
- The dissertation prospectus must have received Graduate School approval before requesting an extension.
- The request must be supported by the student's advisor and most of the dissertation committee.

The request must include the following documents:

- Time Extension Request Form is available at:  
<https://gradschool.wayne.edu/students/phd/forms>
- Submit copies of **ALL** the students' progress reports (i.e., annual reviews).
- Present compelling evidence that the student's dissertation is in progress.
- State a timeline for the completion of the dissertation.
- Explain how the student has remained current in the field.
- Explain how the student's circumstances have changed to enable them to complete the dissertation.

The total time for earning the Ph.D. degree, including all-time extensions and any required revalidation of expired credits and examinations, is twelve (12) years. Approval of a time extension beyond the ten (10) year mark must include revalidation of credentials. The student must retake qualifying exams—The Graduate Studies may

request the student to take additional coursework.

## **Other Resources**

### ***Funding***

Currently, the Teacher Education Division does not offer guaranteed Graduate Research Assistantships or Graduate Teaching Assistantships. However, some support for graduate students is available on a competitive basis from institutional and noninstitutionalized sources. Check the following link for funding opportunities (scholarships and financial aid) through the College and University:

<https://education.wayne.edu/admissions/financial>

<https://gradschool.wayne.edu/students/funding>

### ***Graduate Writing Resources***

The pages below provide various resources to help graduate students write dissertations, articles, theses, grant proposals, and prospectuses. There are links to assist students with citations, grammar and punctuation, style, and ways to avoid plagiarism.

- Writing Research and Technology Zone (face-to-face and online writing assistance): <http://www.clas.wayne.edu/writing/>
- Module on Avoiding Plagiarism from the Library: <https://library.wayne.edu/services/instruction/research/mod6/>
- WSU Library Guides:
  - Education: <https://guides.lib.wayne.edu/Education/grads>
  - How to Use EndNote: <https://guides.lib.wayne.edu/endnote>
  - Reference Tools (incl. APA style): [https://guides.lib.wayne.edu/reference\\_tools](https://guides.lib.wayne.edu/reference_tools)
  - How to use Microsoft Office: <https://guides.lib.wayne.edu/msoffice>

	<b>Requirements Educational Studies Ph.D. Curriculum &amp; Critical Social Inquiry</b>
Major	16 Credits Minimum Required Courses: TED 8350: Basic Principles of Curriculum & Instruction TED 8400: Issues in Urban Education TED 9130: Doctoral Seminar in Curriculum and Instruction  (7 remaining credits selected with approval of advisor)
Research	15 Credits Minimum (6 cr. at 8000 level or above) Courses selected with approval of advisor from list of COE approved courses (provided below)
Doctoral Seminars	8 Credit Hours Required Courses: TED 8100: Thought Language, Social Interaction, and Learning TED 8150: Pro-Seminar I: Introduction to Research in Educational Studies TED 8200: Education in a Socio-Political Culture TED 8250: Pro-Seminar II: Introduction to Research in Educational Studies
Dissertation Research Credits	30 Credit Hours Required Courses: ED 9991 (7.5 cr.) ED 9992 (7.5 cr.) ED 9993 (7.5 cr.) ED 9994 (7.5 cr.)  [Note: When the above credits are complete, register for ED 9995, doctoral maintenance credits]
Cognate (optional)	12 Credits Minimum Transferred and WSU credits can be used with approval of the major advisor.
Electives (if needed)	(As Needed) Transferred and WSU credits can be used with approval of the major advisor.
Total	90 credits minimum

	<b>Requirements Educational Studies Ph.D. Reading, Language, &amp; Literature</b>
Major	16 Credits Minimum Required Courses: RLL 8600: Internship in Research and Teaching RLL 8800: Seminar in Research in Literacy I: Foundational Theory and Research RLL 8810: Seminar in Research in Literacy II: Diversity, Contexts, & Communities (7 remaining credits selected with approval of advisor)
Research	15 Credits Minimum (6 cr. at 8000 level or above) Courses selected with approval of advisor from list of COE approved courses (provided below)
Doctoral Seminars	8 Credit Hours Required Courses: TED 8100: Thought Language, Social Interaction, and Learning TED 8150: Pro-Seminar I: Introduction to Research in Educational Studies TED 8200: Education in a Socio-Political Culture TED 8250: Pro-Seminar II: Introduction to Research in Educational Studies
Dissertation Research Credits	30 Credit Hours Required Courses: ED 9991 (7.5 cr.) ED 9992 (7.5 cr.) ED 9993 (7.5 cr.) ED 9994 (7.5 cr.)  [Note: When the above credits are complete, register for ED 9995, doctoral maintenance credits]
Cognate (optional)	12 Credits Minimum Transferred and WSU credits can be used with approval of the major advisor.
Electives (if needed)	(As Needed) RLL 7800: Writing Development and Instruction RLL: 8830: Current Issues & Research and Literacy Transferred and WSU credits can be used with approval of the major advisor.
Total	90 credits minimum



	<b>Requirements Educational Studies Ph.D. Science, Technology, Engineering, &amp; Mathematics</b>
Major	16 Credits Minimum Required Courses: TED 8500: Integrating Content Across STEM TED 8550: Doctoral Seminar: STEM Education & Research  (10 remaining credits selected with approval of advisor)
Research	15 Credits Minimum (6 cr. at 8000 level or above) Courses selected with approval of advisor from list of COE approved courses (provided below)
Doctoral Seminars	8 Credit Hours Required Courses: TED 8100: Thought Language, Social Interaction, and Learning TED 8150: Pro-Seminar I: Introduction to Research in Educational Studies TED 8200: Education in a Socio-Political Culture TED 8250: Pro-Seminar II: Introduction to Research in Educational Studies
Dissertation Research Credits	30 Credit Hours Required Courses: ED 9991 (7.5 cr.) ED 9992 (7.5 cr.) ED 9993 (7.5 cr.) ED 9994 (7.5 cr.)  [Note: When the above credits are complete, register for ED 9995, doctoral maintenance credits]
Cognate (optional)	12 Credits Minimum Transferred and WSU credits can be used with approval of the major advisor.
Electives (if needed)	(As Needed) Transferred and WSU credits can be used with approval of the major advisor.
Total	90 credits minimum

## College of Education Approved Research Courses

15 semester hours (minimum) in Research Techniques:

### **Foundation & Elective Courses and Quantitative Courses**

- EER 7630 Fundamentals of Statistics (3)
- EER 8720 Advanced Quantitative Program Evaluation (3)
- EER 7650 Computer Use in Research (3)
- EER 8820 Multivariate Analysis (4)
- EER 8800 Variance and Covariance Analysis (4)
- EER 8840 Structural Equations (4)
- EER 8880 Monte Carlo Methods (1)
- EER 8860 Nonparametric, Permutation, Exact, & Robust Methods (4)
- EER 8992 Research & Experimental Design (3)

### **Qualitative Courses and Measurement Courses**

- EER 7640 Fundamentals of Quantitative Research (3)
- EER 8720 Advanced Quantitative Program Evaluation (3)
- EER 7870 Fundamentals of Qualitative Research (3)\*
- EER 8760 Advanced Measurement I (3)
- EER 7880 Fundamentals of Ethnographic Research (3)
- EER 8770 Advanced Measurement II (4)
- EER 8700 Advanced Qualitative Evaluation: Thry & Pract (4)\*
- EER 8820 Multivariate Analysis (4)
- EER 8710 Advanced Ethnographic Research (4)
- EER 8840 Structural Equations (4)
- EER 8900 Qualitative Design for School Research (3)\*
- EER 8992 Research & Experimental Design (3)
- EER 8910 Practicum in Evaluation (2-6) (Max. 6)\*\*: \_\_\_\_\_

\* If electing EER 8900, then all courses with an asterisk must appear on the Plan of Work. \*\*Only open to EER majors.

### **Approved substitutions:**

- EPS 8180 Research Seminar (2-6) (Max. 8) (Educational Leadership & Policy Studies)
- LDT 9105 Conducting Research in Industrial Technology (4) (Instructional Technology)
- LDT 9110 Advanced Research Seminar & Practicum (4) (Instructional Technology)

### **OTHER:**

- EER 8520 Qualitative Research 2: Design and Data Collection
- EER 8530 Qualitative Research 3: Data Analysis and Reporting
- EER 7910 Qualitative Methods for Diversity and Inclusion
- EER 7920 Qualitative Methods for Community and Classroom Research
- EER 8550 Advanced Qualitative Inquiry: Innovations in Theory
- EER 8560 Advanced Qualitative Inquiry: Innovations in Practice

### **FOR EDP COUNSELING STUDENTS:**

- SOC 6280 Social Statics (3)
- SOC 6290 (3)