

The Undergraduate Curriculum and Pedagogy Research Option of the doctoral program in Mathematics at the University of Oklahoma

90 hours of coursework including:

- up to 30 hours from a master's degree
- three math content sequences at least at the 5000 level (excluding courses used for the MA qualifying exams), including
 - one sequence at the 6000 level AND
 - a complex analysis sequence or numerical analysis sequence
- at least 18 hours of research tools: Typically coursework in quantitative and qualitative methodologies.
- at least 10 hours of pedagogy and curriculum: Typically reading courses (Math 5900) and topics courses (Math 5803) as well as the Pedagogy Seminar (Math 5950)
- no more than 15 hours of dissertation research (Math 6980)

Qualifying Exams: Three written exams, typically one in each of algebra, analysis, and topology, passed at a level appropriate for the Undergraduate Mathematics Curriculum and Pedagogy Research option, as determined by the Graduate Committee in a review of the student's records and qualifying examination performance.

Advisory Conference:

- Form an Advisory Committee consisting of five members, at least one of whom must be outside the Department of Mathematics.
- Bring the Advisory Conference Report form (available from the [Graduate College](#)), filled out, to the meeting so that committee members can sign it.

General Exams:

- Written and oral exams in five areas, two of which are in mathematics, two in undergraduate curriculum and pedagogy, and one in educational research methods.
- At least two weeks before the written portion is to start, get signatures on the Application for General Examination for the Doctoral Degree (available from the [Graduate College](#)).
- Within 72 hours of completion of the exam, a report signed by the entire committee must be submitted to the Graduate Dean.

Dissertation

- Maintain continuous enrollment in at least two credit hours.
- At least two weeks prior to turning in a reading copy to the Graduate College, give reading copies to each committee member. These copies should be professional (e.g., spiral bound or in a three-ring binder).
- At least two weeks prior to the intended defense date, turn in a reading copy of the dissertation with the signed Request for Authority for Defense of Dissertation (available from the [Graduate College](#))
- At least four members of a five member doctoral committee, including the major professor and the outside member, must be physically present to conduct the examination.
- Bring the Authority Report Form for Final Oral Examination (Dissertation Defense) and the rest of that packet to the defense. It is used to report the results of the final oral examination. These results should be reported to the Graduate College within 72 hours after the examination.
- Within 60 days after the successful defense of the dissertation, submit to the Graduate College three copies of your dissertation signed by all committee members.