

Doctor of Philosophy (Ph.D.) in Curriculum and Instruction (C&I)

with emphasis in Culture and Curriculum

For a student who has completed a master's degree, a D.V.M. or M.D. at a U.S. institution, a minimum of 64 hours is required on the degree plan for the degree of Doctor of Philosophy. For a student who has completed a baccalaureate degree but not a master's degree or a U.S. D.V.M. or M.D., a minimum of 96 hours is required on the degree plan for the degree of Doctor of Philosophy. (Courses in "**bold**" print are required.)

Required Core Courses

| Course Number | Course Title | Credit Hours |
|--|--|--------------|
| EDCI 601 | Disciplinary Knowledge and Research in C&I* | 3 |
| Additionally, choose 3 of the following 5 courses: | | |
| EDCI 646 | Instruction Theory | 3 |
| EDCI 647 | Curriculum Theory | 3 |
| EDCI 658 | History of Education | 3 |
| EDCI 662 | Philosophical Theories of Education | 3 |
| EDCI 606 | Cognition, Culture and Literacy | |
| Total | | 12 |

*EDCI 601 is to be taken during the first semester.

Contact:

Dr. Lynn Burlbaw
 Faculty Advisor
 308A Harrington Tower
 Office Phone: (979) 845-8384
 Email: burlbaw@tamu.edu

Kerri Smith
 Assistant Director
 104A Heaton Hall
 Office Phone: (979) 862-8032
 E-mail: krsmith@tamu.edu

Sarah Oakley
 Academic Advisor II
 104C Heaton Hall
 Office Phone: (979) 862-8032
 E-mail: tlacgant@tamu.edu

Research Core

Requires 15 hours

Students and their advisors will choose one of the following three research sequences that is most appropriate for their needs. Any substitutions to these sequences will need to be approved by the student's chair and dissertation/thesis committee.

Note: Adjustments may be made to the various research sequences due to course availability. Students should meet with their major advisors to make the necessary changes. To fulfill the research requirement, the remaining 6 hours should be selected from approved advanced courses (see ARM) and in conjunction with their advisor.

Learn more: <http://education.tamu.edu/advanced-research-methods-certificate>

| Research Core Courses Course Number | Sequence A Course Title | Credit Hours |
|--|---|--------------|
| EDCI 605 OR EHRD 655 | Qualitative Research Methods in C&I Qualitative Research | 3 |
| EPSY 640 | Experimental Design in Education I | 3 |
| EPSY 641 | Experimental Design in Education II | 3 |
| Total | | 9 |

| Research Core Courses Course Number | Sequence B Course Title | Credit Hours |
|--|---|--------------|
| EDCI 605 OR EHRD 655 | Qualitative Research Methods in C&I Qualitative Research | 3 |
| STAT 651 | Statistics in Research I | 3 |
| STAT 652 | Statistics in Research II | 3 |
| Total | | 9 |

| Research Core Courses Course Number | Sequence C Course Title | Credit Hours |
|--|-----------------------------------|--------------|
| EDCI 686 | Research Methods in EDCI I | 3 |
| EDCI 687 | Research Methods in EDCI II | 3 |
| EDCI 688 | Advanced Research Methods in EDCI | 3 |
| Total | | 9 |

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EDUCATION
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TEXAS A & M UNIVERSITY

TEACHING, LEARNING & CULTURE

| Research Core Courses Course Number | Sequence D Course Title | Credit Hours |
|--|--|--------------|
| EPSY 640 OR STAT 651 | Experimental Design in Education I Statistics in Research I | 3 |
| EDCI 605 OR EHRD 655 | Qualitative Research Methods in C&I Qualitative Research | 3 |
| EDCI 661 | Advanced Research Methods in EDCI | 3 |
| Total | | 9 |

The remaining two research courses (6 hours) should come from this list of "advanced" research courses. Students, their advisors, and dissertation/thesis committee will choose the most appropriate "advanced" courses. The "advanced" research courses may be chosen from the following list:

| Qualitative Research Courses | |
|------------------------------|--|
| Course Number | Course Title |
| EDAD 623 | Advanced Fieldwork Methods |
| EHRD 651 | Models of Epistemology and Inquiry in Human Resource Development |
| EHRD 656 | Narrative Analysis |
| EHRD 657 | Life History Research |

| Mixed Methods Courses | |
|-----------------------|---|
| Course Number | Course Title |
| EDAD 620 | Educational Program Evaluation |
| EHRD 618 | Evaluation Models in Human Resource Development |
| EHRD 641 | Evaluation of Adult Teaching and Learning |
| EDCI 628 | Analyzing and Reporting Field-Based Research |
| EDCI 689 | Standards and Models of Curriculum Evaluation |
| EDCI 661 | Mixed-Methods Research in Education |

Quantitative Research Courses

| Course Number | Course Title |
|---------------|--|
| STAT 653 | Statistics in Research III |
| EPSY 622 | Measurement and Evaluation in Education |
| EPSY 630 | Single-Case Research |
| EPSY 636 | Techniques of Research |
| EPSY 642 | Meta-Analysis of Behavioral Research |
| EPSY 643 | Applied Multivariate Research |
| EPSY 651 | Structural Equation Modeling |
| EPSY 689 | Hierarchical Linear Modeling/Multi-level Modeling |
| EDCI 627 | Teaching and Learning Data Analysis and Uncertainty Concepts |

Dissertation Research

| Course Number | Course Title | Credit Hours |
|---------------|--------------|--------------|
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Elective | 3 |
| | Total | 24 |

* Students will consult with their advisory committee to determine what courses can be used as electives on their degree plan.

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EDUCATION
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TEACHING, LEARNING & CULTURE

13 dissertation research hours required

| Dissertation Research | | |
|-----------------------|--------------|--------------|
| Course Number | Course Title | Credit Hours |
| EDAD 691 | Research | 13 |
| | | Total 13 |

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The student's advisory committee will consist of no fewer than four members of the graduate faculty representative of the students' several fields of study and research, where the chair or co-chair must be from the student's department, and at least one or more of the members must be from a department other than the student's major department.

Students will refer to the Office of Graduate Studies (ogs.tamu.edu) for information on:

- Residence requirements
- Time Limit
- Transfer of Credit Hours
- 99-hour cap on doctoral degrees

For more information on the Ph.D. degree in C&I with emphasis in Culture and Curriculum please visit our website.