

Interdisciplinary Ph.D. in Education Sciences
College of Education, University of Kentucky

Program Plan and Curriculum Sheet

Name of student: _____ UK-ID#: _____

Contact information

Local mailing address: _____

Local telephone: _____ E-mail: _____

Preliminary advisor (prior to formation of doctoral committee): _____

Doctoral committee members:

Name	Role	Department	Graduate Faculty Status

Progression through the program:

Date admitted to program: _____
Semester coursework began: _____
Date passed qualifying exam: _____
Date dissertation proposal approved: _____
Date of successful dissertation defense: _____

Program Identifiers and Codes:

College: GS
Major: EDSC
Degree: PHD
CIP code: 13.0601

Attachments:

Students are required to attach: 1) A statement of professional goals, 2) curriculum vita, and 3) proposed semester-by-semester plan for full-time study that lists all required courses.

A program approval page must appear at the end of this program plan. Signatures from all committee members, the Director of Graduate Studies, and the student are required in order for this program plan to be in effect.

Common Core: Required Courses

Research Methods and Statistics Core: 12 hours of statistical methods to include a minimum of 3 hours of qualitative and 3 hours of quantitative analysis. A total of nine hours must be chosen from either group A and B below. Three additional hours of advanced study are to be selected by the advisory committee to meet the specific research and statistical training needs of the student. This grouping is designed to insure fundamental understanding of research methods, quantitative and qualitative methods. Additional advanced courses can be taken in discipline specific strands.

A*. Quantitative courses (3-6 hours): EDP656, EDP/EPE 660, EDP 707, EPE 619, EPE/EDP 620, EPE/EDP 621, EPE 679 or additional advanced courses determined by student's committee

B*. Qualitative courses (3-6): EPE 663, EPE 763 or additional advanced courses determined by the student's committee

C. Advanced course determined by advisory committee (3 hours)

*Areas A + B must be taken for a combined total of 9 hours with a minimum of 3 hrs in each area.

Advanced Strands: Descriptions and Required Courses

Each EDSC Ph.D. student is required to complete one advanced strand. Please indicate the strand to be completed and attach the corresponding page listing required courses for that strand.

- Curriculum and Instruction
- Educational Leadership
- Educational Policy Studies—Evaluation and Policy
- Educational Policy Studies—Philosophical and Cultural Inquiry
- Health Education
- Physical Education
- Quantitative & Psychometric Methods
- STEM Education

Advanced Strand: Quantitative and Psychometric Methods (minimum of 24 credits)

*Interdisciplinary Core (6 hours)			
Course Number	Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
EDP 548	Educational Psychology		
EDP 616	Multicultural Psychology		
EDP 600	Human Lifespan Development		
EDP 603	Human Cognitive Development		
EDP 610	Theories of Learning in Education		
EPE 602	Social Policy Issues in Education		
EDP 614	Motivation and Learning		
EPE 612	Introduction to Higher Education		
EPE 555	Comparative Education		
EPE 622	College and University Faculty		
EPE 651	History of Education in the U.S.		
EPE 653	History of Higher Education		
EPE 672	College Teaching and Learning		
EPE 674	Theories of Student Development		
EPE 602	Social Policy Issues and Education		
EPE 670	Policy Issues in Higher Education		
EDP 678	Economics of Higher Education		
EPE 798	Diversity in Higher Education		
EPE 797	Historical Research on Education		
*Quantitative and Psychometric Methods (QPM) Core (18 additional hours of QPM courses are required beyond the common research methods and statistics core)			
Students need to specify primary emphasis as Quantitative Methods or Psychometric Methods			
Primary emphasis			
*Group A: Quantitative Methods (at least 12 hours for primary emphasis)			
Course Number	Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
EDP/EPE 660	Research Design and Analysis in Education		

EDP/EPE 707	Multivariate Analysis in Educational Research		
EDP/EPE 711	Advanced Quantitative Methods (can be repeated up to 12 hours: minimum 6 hours)		
EPE 773/ EDP 778	Seminar (appropriate to Quantitative Methods: can be repeated up to a maximum of 6 hours)		
EDP 782/ EPE 785	Independent Study (can be repeated up to a maximum of 6 hours)		
EDP 708/ EPE 790	Internship		
*Group B: Psychometric Methods (at least 12 hours for primary emphasis)			
Course Number	Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
EDP/EPE/ EDC 522	Psychological & Educational Tests & Measurement		
EDP/EPE 679	Introduction to Measurement Theory & Techniques		
EDP/EPE 712	Advanced Psychometric Methods (can be repeated up to 12 hours: minimum 6 hours)		
EPE 773/ EDP 778	Seminar (appropriate to Psychometric Methods: can be repeated up to a maximum of 6 hours)		
EDP 782/ EPE 785	Independent Study (can be repeated up to a maximum of 6 hours)		
EDP 708/ EPE 790	Internship		
*Qualifying Exam and Dissertation (2 hours per semester, repeat as needed)			
EDP/EPE 767	Dissertation Residency Credit		

Advanced Strand: Curriculum and Instruction (minimum of 27 credits)

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
<p>Research to Practice, 9 credits:</p> <ol style="list-style-type: none"> 1. One course in curriculum theory: EDC 712, EDC 714, or EDC 616 2. One course on the analysis of teaching: EDC 724 3. One course on multi-cultural issues: EDC 550, EDP 616, EPE 665, or EDC 554 	<ol style="list-style-type: none"> 1. 2. 3. 	<ol style="list-style-type: none"> 1. 2. 3.
<p>Content Specialization, 6 credits</p> <ol style="list-style-type: none"> 1. EDC 618 (reading), EDC 670 (math), or advanced seminar in science or social studies 2. Elective content course, 400G or higher 	<ol style="list-style-type: none"> 1. 2. 	<ol style="list-style-type: none"> 1. 2.
<p>Teacher Researcher, 9 credits</p> <ol style="list-style-type: none"> 1. EDC 777—Proseminar 2. One course in curriculum inquiry mixed methods or disciplinary sub-topics research: EDC 726, or EDC 777—Classroom Research Methods 3. One additional advanced research methods course 	<ol style="list-style-type: none"> 1. 2. 3. 	<ol style="list-style-type: none"> 1. 2. 3.
<p>(Optional) Other related courses:</p>		

Advanced Strand: Educational Leadership (minimum of 18 credits)

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
EDL 700: Knowledge Base for Leaders (3 credits)		
EDL 701: Leadership in Educational Organizations I (3 credits)		
EDL 702: Leadership in Educational Organizations II(3 credits)		
<i>EDL 703</i> Leading Organizational Change (3 credits)		
<i>EDL 704 Politics of Education Leadership (3 credits)</i>		
<i>EDL 792 Research in Educational Administration (3 credits)</i>		
<i>Electives as determined by advisory committee to ensure students have appropriate Specialization training. (will depend on prior training, typically 3-9 hours expected)</i>		

Advanced Strand: Educational Policy Studies—Evaluation and Policy

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
EPE 620: Topics/methods of evaluation		
EPE 619: Survey research in education		
One additional advanced research methods course: EPE 679: Multiple measures (quantitative) EPE 763: Advanced field studies (qualitative)		
On additional elective (3 credits) focused on research/evaluation methods, for example: EPE 603: Policy analysis EPE 773: Seminar in policy studies/evaluation EPE 797: Historical research		
On additional elective (3 credits) in contextual studies, for example: EPE 640: Philosophy of education EPE 652: History of educational thought EPE 653: History of higher education EPE 661: Sociology of education EPE 665: Education and culture EPE 667: Education and gender		
(Optional) Other related courses:		

**Advanced Strand: Educational Policy Studies—Philosophical and Cultural Inquiry
(minimum of 21 credit hours)**

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
<p>Choose at least 3 additional EPE courses in Philosophical and Cultural Inquiry, one from each group: (total of 9 credits)</p> <ul style="list-style-type: none"> • <i>Philosophy</i>: EPE 628, Ethics; EPE 640, Philosophy of Education; EPE 652, History of Educational Thought • <i>History</i>: EPE 653, History of Higher Education; EPE 681, History of the University; EPE 778, History of Education in Kentucky • <i>Cultural Studies</i>: EPE 661, Sociology of Education; EPE 665, Education and Culture; EPE 667, Education and Gender 	<p>1.</p> <p>2.</p> <p>3.</p>	<p>1.</p> <p>2.</p> <p>3.</p>
<p>Choose at least two additional courses in Philosophical and Cultural Inquiry, preferable from outside the College of Education (6 credits)</p>	<p>1.</p> <p>2.</p>	<p>1.</p> <p>2.</p>
<p>Choose at least two additional research methods courses in such a way as to provide focused depth of inquiry skills in an area of philosophical or cultural inquiry. These courses may be chosen from courses such as: (6 credits)</p> <p>EPE 603, Policy Analysis; EPE 619, Survey Research; EPE 763 Field Studies; EPE 669, Oral History; EPE 797, Historical Research</p>	<p>1.</p> <p>2.</p>	<p>1.</p> <p>2.</p>
<p>(Optional) Other related courses:</p>		

Advanced Strand: Health Education (minimum of 18 credits)

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
KHP 674: Foundations of Health Promotion (3 credits)		
KHP 675: Health Assessments (3 credits)		
KHP 677: Planning Health Promotion Programs (3 credits)		
KHP 580: Introduction to Team Development (3 credits)		
Two advanced research methods courses (6 credits)	1. 2.	
(Optional) Other related courses:		

Advanced Strand: Physical Education (minimum of 18 credits)

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
KHP 601: Teaching Effectiveness and Leadership in Kinesiology & Health Education (3 credits)		
KHP 602: Promoting Physical Activity for Youth (3 credits)		
KHP 677: Planning Health Promotion Programs (3 credits)		
<p>At least two additional graduate-level courses in KHP or related area (6 or more credits)</p> <ol style="list-style-type: none"> 1. <i>Health Promotion</i>: e.g., KHP 560, KHP 675 2. <i>Adapted Physical Education</i>: e.g., KHP 560, KHP 579 	<ol style="list-style-type: none"> 1. 2. 	
Other related courses including research courses:		

Advanced Strand: STEM Education

Course Number, Abbreviated Title	Course Selected from Options or Approved Substitution	Semester Completed
SEM 603: Curriculum and Instruction in STEM Education		
SEM 706: Research in STEM Education		
SEM 770: Special Topics in STEM Education (Equity Issues)		
SEM 613: Effective Use of Technology		
History of Education (select 1 course) EPE 651: (P-20) History of Education in the United States, SEM 604: History of STEM Education, SEM 701: History of Mathematics Education, EPE 653: History of Higher Education		
Methods (Take 3 courses- 9 hours) SEM 708: Engineering in STEM Education, SEM 670: Advanced Study Mathematics, SEM 674: Advanced Studies in Teaching Elementary School Science, SEM 704: Designing Project-Enhanced Environments in STEM Education, SEM 770: Special Topics in STEM Education, EPE 672: College Teaching and Learning, GS 699: Practicum for College Teaching		
Elective STEM Courses (6		

<p>credit hours) SEM 702: Theoretical Foundations of Mathematics Education, SEM 703: Advanced Research in Mathematics Education, SEM 708: Engineering in STEM Education, SEM 704: Designing Project-Enhanced Environments in STEM Education, SEM 674: Advanced Studies in Teaching Elementary School Science, SEM 670: Advanced Elementary Mathematics Methods, SEM 610: Teacher Leadership in STEM Education, SEM 770: Special Topics in STEM Education, SEM 781: Independent Study in STEM Education</p> <p>Elective Other (Outside of STEM Education) (9 or 12 hours) (approval of advisor)</p>		
---	--	--

Program Approvals

The following signatures indicate approval of the program plan appearing on previous pages including common core required courses and one advanced strand.

Student's printed name

Signature and date

Committee Chair's (or Co-chair's) printed name

Signature and date

Committee Co-chair's (if any) printed name

Signature and date

Committee Member's printed name

Signature and date

Committee Member's printed name

Signature and date

Committee Member's printed name

Signature and date

Director of Graduate Studies for EDSC printed name

Signature and date