

## Department of Curriculum and Instruction

### Summary of M.A. Plan A and Plan B Requirements by Track

Track	M.A. Plan A Requirements	M.A. Plan B Requirements
<p><b>Art Education</b></p>	<p><b>Major:</b> (minimum of 15 cr.) In addition to below, other courses are selected in consultation with adviser</p> <p>CI 5078 Application of Aesthetic Theory in Education (2 cr.)</p> <p>CI 8075 Seminar: Art Education (2 cr.)</p> <p>CI 8079 Research in Art Education (3 cr.)</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 31 credits</p>	<p><b>Major:</b> Specific courses listed below; others selected in consultation with adviser.</p> <p>CI 5078 Application of Aesthetic Theory in Education</p> <p>CI 8075 Seminar: Art Education</p> <p><b>Research:</b> CI 8079 Research in Art Education (or other selected with adviser from <a href="#">list of recommended courses for C&amp;I Plan B students</a>)</p> <p>DHA 8181 Ethics and Research (1 cr.) OR <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>CI 8095 Problems: Art Education [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Total:</b> 30 credits</p>
<p><b>Elementary Education</b></p>	<p><b>Major:</b> (minimum of 15 cr.) In addition to below, other credits for the major in elementary education are selected in consultation with an adviser based on previous experience and areas of interest.</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 31 credits</p>	<p><b>Major:</b> Specific courses selected in consultation with adviser based on previous experience and areas of interest.</p> <p><b>Research:</b> DHA 8181 Ethics and Research (1 cr.) OR <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>A minimum of one 3-cr. research course selected from <a href="#">list of recommended courses for C&amp;I Plan B students</a></p> <p>CI 8197 Problems: Curriculum Studies [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>

Track	M.A. Plan A Requirements	M.A. Plan B Requirements
<p><b>Family, Youth, and Community (FYC)</b></p>	<p><b>Major:</b> (minimum of 15 cr.) Specific courses listed below; others selected in consultation with adviser.</p> <p>FYC CI 8902—FYC in social, Political, and Economic Context (3 cr.)</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p>Choose additional 3 credits of CI research methods in consultation with adviser.</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 (10 cr.)</p> <p><b>Total:</b> 31 credits</p>	<p><b>Major:</b> (minimum of 14 cr.) Specific courses listed below; others selected in consultation with adviser.</p> <p>FYC CI 8902—FYC in social, Political, and Economic Context (3 cr.)</p> <p><b>Research:</b> At least 3 credits of research methods selected in consultation with adviser, and the two specific courses listed below.</p> <p>DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>FYC CI 8994 Directed Research in Family, Youth, and Community (new course being developed) [3 cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Total:</b> 30 credits</p>
<p><b>Learning Technologies (LT)</b></p>	<p><b>Major:</b> (Minimum of 18 cr.) 12 credits in a technology certificate (see Plan B)</p> <p>CI 5331 Introduction to Instructional Systems and Technology (3 cr.)</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 34 credits</p>	<p><b>Major:</b> (Minimum of 14 cr.) Specific courses listed below. An additional 12 semester credits satisfy the requirements for one of the certificate programs—Multimedia design and development, K-12 technology integration, or online distance learning</p> <p>CI 5331 Introduction to Instructional Systems and Technology</p> <p>CI 5155 Contemporary Approaches to Instruction and Assessment OR an approved course in Learning and Cognition or Adult Education</p> <p><b>Research:</b> DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>A minimum of one 3-cr. research course selected from <a href="#">list of recommended courses for C&amp;I Plan B students</a></p> <p>CI 8395 Problems: Instructional Systems &amp; Technology [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>

Track	M.A. Plan A Requirements	M.A. Plan B Requirements
<p><b>Literacy Education</b></p>	<p><b>Major:</b> (minimum of 15 cr.) At least one seminar in Literacy Education is required. In addition to below, other credits for the major in literacy education are selected in consultation with an adviser based on previous experience and areas of interest (e.g., Children’s Literature, Reading education, etc.).</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 31 credits</p>	<p><b>Major:</b> At least one seminar in Literacy Education is required. Specific courses are selected in consultation with adviser based on previous experience and areas of interest (e.g., Children’s Literature, Reading education, etc.).</p> <p><b>Research:</b> DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>A minimum of one 3-cr. research course selected from <a href="#">list of recommended courses for C&amp;I Plan B students</a></p> <p>CI 8495 Problems: Teaching English and Reading [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>
<p><b>Mathematics Education</b></p>	<p><b>Major:</b> (minimum of 15 credits) CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p>MthE 5314 Teaching and Learning Mathematics (3 cr.)</p> <p>MthE 8501 Theory and Classical Research in Mathematics Education (3 cr.)</p> <p>Any 2 from MthE 5170 Historical Topics in the Mathematics Classroom) (3 cr.) or MthE 5171 Teaching Problem Solving) (3 cr.) or MthE 5172 Teaching Probability and Statistics) (3 cr.) or MthE 5366 Technology-Assisted Mathematics Instruction) (3 cr.) or MthE 8591 Seminar: Mathematics Education (2 cr.) or MthE 5xxx graduate level course requiring advisor approval) (3 cr.)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 31 credits</p>	<p><b>Major:</b> Specific courses listed below; others selected in consultation with adviser.</p> <p>MthE 5314 Teaching and Learning Mathematics OR</p> <p>MthE 5313 Teaching and Learning Mathematics in the Middle School</p> <p><b>Research:</b> MthE 8571 Research in Mathematics Education</p> <p>DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>MthE 8995 Problems: Mathematics Education (for Plan B work)</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>

Track	M.A. Plan A Requirements	M.A. Plan B Requirements
<b>Science Education</b>	<p><b>Major:</b> (Minimum of 15 credits) Specific courses listed below; others selected in consultation with adviser.</p> <p>CI 8570 Advanced Topics in Science Ed. (3 cr.)</p> <p>CI 8571 Equity, Policy, and Social Justice (3 cr.)</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p>CI 5535 Foundations of Science Educ. (3 cr.)</p> <p>CI 8570 Advanced Topics in Science Ed. (3 cr.)</p> <p>CI 8571 Equity, Policy, and Social Justice (3 cr.)</p> <p>Additional research methods course selected in consultation with adviser (3 cr.)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 31 credits</p>	<p><b>Major:</b> (Minimum of 15 credits) Specific courses listed below; others selected in consultation with adviser.</p> <p>CI 8570 Advanced Topics in Science Ed. (3 cr.)</p> <p>CI 8571 Equity, Policy, and Social Justice (3 cr.)</p> <p>CI 5534 Studies in Science Education</p> <p>CI 5535 Foundations of Science Education</p> <p>CI 8570 Advanced Topics in Science Education</p> <p>CI 8571 Equity, Policy, and Social Justice (3 cr.)</p> <p><b>Research:</b> DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>At least one course in qualitative research methods, selected with adviser from <a href="#">list of recommended courses for C&amp;I Plan B students</a>.</p> <p>CI 8595 Problems: Science Education [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>

Track	M.A. Plan A Requirements	M.A. Plan B Requirements
<b>Second Languages and Cultures Education</b>	<p><b>Major:</b> (minimum of 15 cr.) Specific courses listed below. Others selected in consultation with adviser.</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p>CI 5651 Foundations in Second Languages and Cultures Education (3 cr.)</p> <p>CI 5662 Issues in Second Language Curriculum Design (3 cr.)</p> <p>CI 5658 Second Language Testing (3 cr.) or CI 5642 Assessment of LEP Learners (3 cr.)</p> <p>CI 5647 Teaching Middle/Secondary Immigrant ELLs with Limited Formal Schooling (3 cr.) – required for those focusing on ESL</p> <p>At least one of the two following: CI 5656 Reading and Writing in a Second Language (3 cr.)</p> <p>CI 5657 Speaking and Listening in a Second Language (3 cr.)</p> <p>Choose one additional research methodology course: either quantitative (e.g., EPsy 5261 Introduction to Statistics (3 cr.) or a qualitative course selected in consultation with adviser)</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 34 credits</p>	<p><b>Major:</b> Specific courses listed below; others selected in consultation with adviser.</p> <p>CI 5651 Foundations in Second Languages and Cultures Education</p> <p>CI 5656 Reading and Writing in a Second Language</p> <p>CI 5657 Speaking and Listening in a Second Language</p> <p>CI 5658 Second Language Testing (3 cr.) or CI 5642 Assessment of LEP Learners (3 cr.)</p> <p>CI 5662 Issues in Second Language Curriculum Design</p> <p>CI 5647 Teaching Middle/Secondary Immigrant ELLs with Limited Formal Schooling (3 cr.) – required for those focusing on ESL</p> <p><b>Research:</b> At least one course in qualitative research methods, selected with adviser from <a href="#">list of recommended courses for C&amp;I Plan B students</a>.</p> <p>DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>CI 8695 Problems: Second Languages and Cultures Education [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>

Track	M.A. Plan A Requirements	M.A. Plan B Requirements
<b>Social Studies Education</b>	<p><b>Major:</b> (16 cr. min.) Specific courses listed below; others selected in consultation with adviser.</p> <p>CI 5761 Social St. Education for the Inservice Middle/Secondary Teacher (3 cr.)</p> <p>CI 5762 Developing Civic Discourse in the Social Studies (3 cr.)</p> <p>CI 8796 Research Internship (1 – 4 cr.)</p> <p>CI 8133 Research Methods in Curriculum and Instruction (3 cr.)</p> <p>EPsy 5261 Introduction to Statistics (3 cr.)</p> <p>One qualitative research course, selected with adviser.</p> <p><b>Minor or Related Field:</b> 6 credits</p> <p><b>Thesis Credits:</b> CI 8777 10 cr.</p> <p><b>Total:</b> 32-35 credits</p>	<p><b>Major:</b> Specific courses listed below; others selected in consultation with adviser.</p> <p>CI 5761 Social Studies Education for the Inservice Middle/Secondary Teacher</p> <p>CI 5762 Developing Civic Discourse in the Social Studies</p> <p><b>Research:</b> At least one course in qualitative research methods, selected with adviser from <a href="#">list of recommended courses for C&amp;I Plan B students</a>.</p> <p>DHA 8181 Ethics and Research (1 cr.) <b>OR</b> <a href="#">Responsible Conduct of Research (RCR)</a> part 1 &amp; 2 workshops</p> <p>EPsy 5261 Introduction to Statistics (recommended)</p> <p>CI 8795 Problems: Social Studies Education [3. cr. for Plan B paper(s)]</p> <p><b>Minor or Related Field:</b> 6 cr.</p> <p><b>Total:</b> 30 credits</p>