UC 11751 12S

Approved by COE Undergraduate Studies Committee Dr. Melissa Pierson Date

Memo

APPROVED MAR 2 1 2012

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To: UH Undergraduate Committee

From: Melissa Pierson, Associate Dean, College of Education

Date: 2/29/12

Re: Degree plan changes to the proposed majors formerly known as B. S. in Interdisciplinary Studies

The College of Education QUEST program leadership has completed a review of our undergraduate programs leading to elementary and middle school teacher certification with three goals in mind:

- to create an innovative program that will prepare exemplary teacher candidates to be highly sought after by school districts in Houston and beyond, befitting of a Tier 1 university, rather than simply meeting state standards and content requirements;
- 2) to reduce redundancy in order to lower hours as close as possible toward the 120-hour limit; and
- to aide student success and to encourage on-time graduation.

Based on this review, we have made modifications to the courses offered and to the sequence of course on the Interdisciplinary EC-6 Generalist, Bilingual EC-6 Generalist, and 4-8 degree plans. The total hours of these degree plans have changed as follows:

- Interdisciplinary Studies EC-6 (proposed name change to Elementary Teaching and Curriculum): the hours were previously approved by waiver to be 126 and are now reduced to 124;
- Interdisciplinary Studies EC-6 Bilingual (proposed name change to Bilingual Elementary Teaching and Curriculum): total hours were previously approved by waiver to be135 and are now reduced to 133;
- Interdisciplinary Studies 4-8 (proposed name change toMiddle School Teaching and Curriculum): the hours were previously 120 and are now increased to 121; Please consider this proposal as compelling academic reason for a waiver for the 4-8 degree plans to exceed the 120 credit hour limit. We have carefully examined all of our course offerings, and while a number of courses were eliminated, it was necessary to add other content that was missing in order to prepare students to pass state licensure exams.

In general, course modifications fell into these categories

- Deleted or combined courses to reduce redundancy;
- Added courses to increase content and attention to English as a Second Language;
- Required and sequenced Core courses to better meet the needs of our teacher candidates;
- Required and sequenced Core courses to berrer means to better aide on-time graduation.
 Re-sequenced courses for predictability of degree plan to better aide on-time graduation.

Below is a summary of the specific course changes. The complete degree plans can be found as Attachments A-F.

HOUSTON CONTRACTOR

Deleted Courses

- = EC-6
 - CUIN 3201: this coursework will be integrated throughout the program and in required introductory program seminars.
 - CUIN 4318: this content overlapped to a great degree with content in CUIN 4375; the content has been merged into 4375 and also will be integrated into Student Teaching capstone requirements and methods courses.
 - CUIN 3202/3112: this coursework is being integrated into the Student teaching coursework, now taken a semester earlier.
- 4-8
 - CUIN 3222/3122: this coursework is being integrated into the Student teaching coursework, now 0 taken a semester earlier;
 - CUIN 3302: this coursework is being integrated into the new Urban Child course (to be taught as a Selected Topics course in 2012/13 and proposed as a new course for Fall 2013).
- Both EC-6 and 4-8
 - <u>CUST 3320</u>: this course content is being integrated into the new Urban Child course.
 - COMM 1332: program leadership determined that we have adequate experiences within our program courses for students to develop confidence in public speaking, specifically for teaching purposes, without the need to require this generic course.

Re-Sequenced Courses

- EC-6
 - MUSI 4342: this course was previously included in our Junior-Senior coursework; because it has Core designation, it has been moved earlier in the degree plan and required as the Visual and 0 Performing Arts Core requirement.
 - CUIN 4332: this course has been moved into the student teaching experience so as to allow students to work with real children.
 - ARED 3305: this course has been moved into the student teaching experience because of better fit with content;

Both EC-6 and 4-8

- EPSY 3300: This course will continue to be required but has been moved into the Sophomore year; most transfer students transfer this course in, so it is a better fit to have this course taken prior to the Junior-Senior coursework.
- EDUC 4311 and EDUC 4324: These courses were moved forward a semester to facilitate our new full-year student teaching experience.

HOUSTON EDUCATIO

Added Courses

- New Courses, EC-6
- ELED 4311 and ELED 4314 (already approved by Undergraduate Council): One additional course in both science methods and mathematics methods was determined to be necessary to ensure highly qualified teacher graduates;
- New Courses, 4-8
- CUIN 4315: the middle school candidates did not previously have an Assessment course listed on their degree plans. This is an existing course, but new to the 4-8 degree plan.
- New Courses, both EC-6 and 4-8
 - Urban Child (will be taught as a Selected Topics course in 2012-13 and proposed in Fall 2012 to begin in Fall 2013): This course is a comprehensive, interdisciplinary immersion into the issues related to teaching children in urban areas, to include issues related to multicultural contexts, diversity, poverty, English as a Second Language, and school law.
 - HDFS 1311: Development of Self-Regulated Learning: this course addresses cognitive, motivational, and behavioral factors related to academic success; the program feels this course will not only lead to increased student success in our program, but an empathy and personal connection for our students in the learning of their own students. It is an existing course, but new to these degree plans.
- Specified Core, both EC-6 and 4-8:
 - Natural Science Core and State Education Science Requirement: in our existing degree plans, there are no Natural Science courses specified; students may select from all available. In order to ensure well-rounded teachers, we have specified required science courses (GEOL 1330 and BIOL 1310 for the 6 hours of Natural Science Core and CHEM 1301 and PHYS 1301 for the 6 hours of State Education science requirements.)
 - Writing in the Disciplines Core: To ensure prepared teachers who understand students' lives both inside and outside the classroom, we are requiring HDFS 1300 Development of Contemporary 0 Families to be taken to satisfy the Writing in the Disciplines requirements.

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Attachment F. Proposed Degree Plan for Elementary Teaching and Curriculum

Year 1, Fall:	
Course	hrs.
ENGL 1303 First Year Writing I	3
MATH 1311 Elementary Math Modeling	3
HIST 1377 (The United States to 1877)	3
CHEM 1301 Foundations of Chemistry [Sciences A]	3
HDFS 1311: Development of Self-Regulated Learning	3
Total hours for Year 1, Fall	15

Course	hrs.
ENGL 1304 First Year Writing II	3
MATH 1312 Introduction to Mathematics	3
HIST 1378 (The United States since 1877)	3
BIOL 1310 General Biology [Science B]	3
HDFS 1300 Development of Contemporary Families [WID]	3
Total hours for Year 1, Spring	15

Year 2, Fall:	
Course	hrs.
MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3]	3
POLS 1336 (US & Texas Constitutions and Politics)	3
GEOL 1330 Physical Geology [Science C]	3
PSYC 2350 Child Development [Social Sciences]	3
[Humanities]	3
Total hours for Year 2, Fall	15

Year 2, Spring	
Course	hrs.
MATH 2303 Concepts in Algebra [Math 4]	3
POLS 1337 (US Government: Congrss, Prs, & Crts)	3
[Science D] choose from suggested list	3
MUSI 4342 Music for Children [Visual and Performing Arts]	3
EPSY 3300 Educational Psychology	3
Total hours for Year 2, Spring	15

BENCHMARK CHECKPOINT

Year 3, Fall: Pre-Teaching Course hrs. CUIN 3316 Prekindergarten Curriculum 3 CUIN 3111 Introduction to Technology for Young Children 1 ELED 3320 Survey of Literature for Children & Adol. 3 3 EPSY 3360 Special Populations 3 CUIN 4303 Second Language Acquisition 3 CUIN 3397 Urban Child course 16 Total hours for Year 3, Fall: Pre-Teaching **BENCHMARK CHECKPOINT**

Year 3, Spring: Developing Teaching*	
Course	hrs.
CUIN 3317 Kindergarten and Elementary School Curriculum	3
CUIN 4315 Assessment of Children	3
CUIN 4375 Classroom Management	3
ELED 3322 Reading Instruction for Young Children	3
HLT 3303: Health of the Elementary Child	3
CUIN 4361 Second Language Methodology	3
Total hours for Year 3, Spring: Developing Teaching	18

BENCHMARK CHECKPOINT

Year 4, Fall Student Teaching Residency 1	
Course	hrs.
ELED 4310 Reading in the Elementary School*	3
ELED 4311 Science in the Elementary School I	3
ELED 4314 Mathematics in the Elementary School I	3
ARED 3305 Art in Elementary Schools	3
EDUC 4311 Student Teaching and Integrated Technology: Elementary	3
Total hours for Year 4, Fall Student Teaching Res. 1	15

BENCHMARK CHECKPOINT

Year 4, Spring Student Teaching Residency 2	
Course	hrs.
CUIN 4332 Literacy Assessment for Reading and Writing	3
ELED 4312 Science in the Elementary School II	3
ELED 4315 Mathematics in the Elementary School II	3
ELED 4320 Social Studies in the Elementary School	3
EDUC 4312 Student Teaching	3
Total hours for Year 4, Spring Student Teaching Res. 2	15

BENCHMARK CHECKPOINT

*Spring starters would take one course in previous Winter mini

TOTAL HOURS FOR DEGREE

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Attachment B. Proposed Degree Plan for Bilingual Elementary Teaching and Curriculum

Year 1, Fall:	
Course	hrs.
ENGL 1303 First Year Writing I	3
MATH 1311 Elementary Math Modeling	3
HIST 1377 (The United States to 1877)	3
GEOL 1330 Physical Geology [Science A]	3
COMM 1332 Fundamentals of Public Speaking	3
Total hours for Year 1, Fall	15

Year 1, Spring	
Course	hrs.
ENGL 1304 First Year Writing II	3
MATH 1312 Introduction to Mathematics	3
HIST 1378 (The United States since 1877)	3
BIOL 1310 General Biology [Science B]	3
HDFS 1300 Development of Contemporary Families [WID]	3
Total hours for Year 1, Spring	15

Year 2, Fall:	
Course	hrs.
ENGL 4310 History of English Language [Humanities]	3
MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3]	3
POLS 1336 (US & Texas Constitutions and Politics)	3
GEOL 1330 Physical Geology [Science C]	3
PSYC 2350 Child Development [Social Sciences]	3
Total hours for Year 2, Fall	15

Year 2, Spring	
Course	hrs.
MATH 2303 Concepts in Algebra [Math 4]	3
POLS 1337 (US Government: Congrss, Prs, & Crts)	3
[Science D] choose from suggested list	3
MUSI 4342 Music for Children [Visual and Performing Arts]	3
EPSY 3300 Educational Psychology	3
Total hours for Year 2, Spring	15

BENCHMARK CHECKPOINT

hrs.
3
1
3
3
3
3
16

BENCHMARK CHECKPOINT

3
3
3
3
3
18

(ear 3, Summer	
Course	hrs.
CUIN 4304 LA/Reading Methods	3
SPAN ADV (2000-4000 level)	- 3
MEX AM ST#	3
Total hours for Year 4, Winter Mini	9

Course	hrs.
ELED 4310 Reading in the Elementary School*	3
ELED 4311 Science in the Elementary School I	3
ELED 4314 Mathematics in the Elementary School I	3
ARED 3305 Art in Elementary Schools	3
EDUC 4311 Student Teaching & Int. Tech: Elementary	3
Total hours for Year 4, Fall Student Teaching Res. 1	15
BENCHMARK CHECKPOINT	

Year 4, Spring Student Teaching Residency 2Coursehrs.CUIN 4332 Literacy Assessment for Reading and Writing3ELED 4312 Science in the Elementary School II3ELED 4315 Mathematics in the Elementary School II3ELED 4320 Social Studies in the Elementary School3EDUC 4312 Student Teaching3Total hours for Year 4, Spring Student Teaching Res. 215

BENCHMARK CHECKPOINT

*Spring starters would take one course in previous Winter mini

Attachment C. Proposed Degree Plan for Middle School Teaching and Curriculum, Math

Year 1, Fall:	
Course	hrs.
ENGL 1303 First Year Writing I	3
MATH 1311 Elementary Math Modeling	3
HIST 1377 (The United States to 1877)	3
CHEM 1301 Foundations of Chemistry [Sciences A]	3
COMM 1332 Fundamentals of Public Speaking	3
Total hours for Year 1, Fall	15

Course	hrs.
ENGL 1304 First Year Writing II	3
MATH 1312 Introduction to Mathematics	3
HIST 1378 (The United States since 1877)	3
BIOL 1310 General Biology [Science B]	3
HDF\$ 1300 Development of Contemporary Families [WID]	3
Total hours for Year 1, Spring	15

Year 2, Fall:	
Course	hrs.
ENGL 4310 History of English Language [Humanities]	3
MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3]	3
POLS 1336 (US & Texas Constitutions and Politics)	3
GEOL 1330 Physical Geology [Science C]	3
PSYC 2351 Psychology of Adolescence [Social Sciences]	3
Total hours for Year 2, Fall	15

Year 2, Spring	
Course	hrs.
MATH 2303 Concepts in Algebra [Math 4]	3
POLS 1337 (US Government: Congrss, Prs, & Crts)	3
[Science D] choose from suggested list	3
[Visual and Performing Arts]	3
EPSY 3300 Educational Psychology	3
MATH 3303 Elements of Algebra and Number Theory	3
Total hours for Year 2, Spring	18

BENCHMARK CHECKPOINT

Year 3, Fall: Pre-Teaching	
hrs.	
3	
1	
3	
3	
3	
3	
16	

Course	hrs.
CUIN 3333 Differentiating Instruction for Diverse Learners	3
CUIN 4315 Assessment of Children	3
CUIN 4375 Classroom Management	3
CUIN 3347 Reading in the Content Areas	3
HLT 3304: Adolescent Health	3
MATH 3304 Elements of Mathematical Analysis	3
Total hours for Year 3, Spring: Developing Teaching	18

BENCHMARK CHECKPOINT

Course	hrs.
CUIN 4344 Teaching Mathematics in Grades 4-8	3
MATH 3305 Formal and Informal Geometry	3
MATH 3306 Problem Solving in Mathematics	3
EDUC 4324 Student Teaching and Integrated Technology: MS	3
Total hours for Year 4, Fall Student Teaching Res. 1	12

BENCHMARK CHECKPOINT

Year 4, Spring Student Teaching Residency 2	
Course	hrs.
CUIN 4349 Teaching Geometry Concepts Grades 6-12	3
CUIN 4351 Developing Proportional Reasoning	3
Content 5 (3 hrs. upper division math, per advisor)	3
EDUC 4325 Student Teaching	3
Total hours for Year 4, Spring Student Teaching Res. 2	12

BENCHMARK CHECKPOINT

Attachment D. Proposed Degree Plan for Middle School Teaching and Curriculum, Science

Year 1, Fall: Course	hrs.
ENGL 1303 First Year Writing I	3
MATH 1311 Elementary Math Modeling	3
HIST 1377 (The United States to 1877)	3
CHEM 1301 Foundations of Chemistry [Sciences A]	3
COMM 1332 Fundamentals of Public Speaking	3
Total hours for Year 1, Fall	15

Course	hrs.
ENGL 1304 First Year Writing II	3
MATH 1312 Introduction to Mathematics	3
HIST 1378 (The United States since 1877)	3
BIOL 1310 General Biology [Science B]	3
HDFS 1300 Development of Contemporary Families [WID]	3
Total hours for Year 1, Spring	15

Year 2, Fall:	
Course	hrs.
ENGL 4310 History of English Language [Humanities]	3
MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3]	3
POLS 1336 (US & Texas Constitutions and Politics)	3
GEOL 1330 Physical Geology [Science C]	3
PSYC 2351 Psychology of Adolescence [Social Sciences]	3
Total hours for Year 2, Fall	15

Year 2, Spring	
Course	hrs.
MATH 2303 Concepts in Algebra [Math 4]	3
POLS 1337 (US Government: Congrss, Prs, & Crts)	3
[Science D] choose from suggested list	3
[Visual and Performing Arts]	3
EPSY 3300 Educational Psychology	3
BIOL 1361: Introduction to Biological Science	3
Total hours for Year 2, Spring	18

BENCHMARK CHECKPOINT

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Course	hrs.
CUIN 3221 Introduction to Teaching Middle Grades [CBM to 3 hrs.]	3
CUIN 3121 Educational Technology for Adolescents I	1
ELED 3320 Survey of Literature for Children & Adol.	3
EPSY 3360 Special Populations	3
CUIN 4303 Second Language Acquisition	3
CUIN 3397 Urban Child course	3
Total hours for Year 3, Fall: Pre-Teaching	16

BENCHMARK CHECKPOINT

Course	hrs.
CUIN 3333 Differentiating Instruction for Diverse Learners	3
CUIN 4315 Assessment of Children	3
CUIN 4375 Classroom Management	3
CUIN 3347 Reading in the Content Areas	3
HLT 3304: Adolescent Health	3
GEOL 1376 Historical Geology	3
Total hours for Year 3, Spring: Developing Teaching	18

BENCHMARK CHECKPOINT

Year 4, Fall Student Teaching Residency 1	
Course	hrs.
CUIN 4325 Teaching Science in Grades 4-8 I	3
PHYS 1305 or 1306 Astronomy	3
Content 4 (3 hrs. upper division science per advisor)	3
EDUC 4324 Student Teaching and Integrated Technology: Middle School	3
Total hours for Year 4, Fall Student Teaching Res. 1	12

BENCHMARK CHECKPOINT

Year 4, Spring Student Teaching Residency 2	
Course	hrs.
CUIN 4326 Teaching Science in Grades 4-8 II	3
SEDE 4309 Teaching Science in Secondary School	3
Content 5 (3 hrs. upper division science per advisor)	3
EDUC 4325 Student Teaching	3
Total hours for Year 4, Spring Student Teaching Res. 2	12
BENCHMARK CHECKPOINT	

Attachment E. Proposed Degree Plan for Middle School Teaching and Curriculum, ELA

Course	hrs.
ENGL 1303 First Year Writing I	3
MATH 1311 Elementary Math Modeling	3
HIST 1377 (The United States to 1877)	3
CHEM 1301 Foundations of Chemistry [Sciences A]	3
COMM 1332 Fundamentals of Public Speaking	3
Total hours for Year 1, Fall	15

Course	hrs.
ENGL 1304 First Year Writing II	3
MATH 1312 Introduction to Mathematics	3
HIST 1378 (The United States since 1877)	3
BIOL 1310 General Biology [Science B]	3
HDF\$ 1300 Development of Contemporary Families [WID]	3
Total hours for Year 1, Spring	15

Year 2, Fall:	
Course	hrs.
ENGL 4310 History of English Language [Humanities]	3
MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3]	3
POLS 1336 (US & Texas Constitutions and Politics)	3
GEOL 1330 Physical Geology [Science C]	3
PSYC 2351 Psychology of Adolescence [Social Sciences]	3
Total hours for Year 2, Fall	15

Course	hrs.
MATH 2303 Concepts in Algebra [Math 4]	3
POLS 1337 (US Government: Congrss, Prs, & Crts)	3
[Science D] choose from suggested list	3
[Visual and Performing Arts]	3
EPSY 3300 Educational Psychology	3
ENGL 4300 Intro to Study of Language	3
Total hours for Year 2, Spring	18

BENCHMARK CHECKPOINT

Year 3, Fall: Pre-Teaching	
Course	hrs.
CUIN 3221 Introduction to Teaching Middle Grades [CBM to 3 hrs.]	3
CUIN 3121 Educational Technology for Adolescents I	1
ELED 3320 Survey of Literature for Children & Adol.	3
EPSY 3360 Special Populations	3
CUIN 4303 Second Language Acquisition	3
CUIN 3397 Urban Child course	3
Total hours for Year 3, Fall: Pre-Teaching	16
BENCHMARK CHECKPOINT	

Year 3, Spring: Developing Teaching* Course hrs. CUIN 3333 Differentiating Instruction for Diverse Learners 3 3 CUIN 4315 Assessment of Children 3 CUIN 4375 Classroom Management CUIN 3347 Reading in the Content Areas 3 3 HLT 3304: Adolescent Health ENGL 4319 English in Secondary School 3 18 Total hours for Year 3, Spring: Developing Teaching

BENCHMARK CHECKPOINT

Year 4, Fall Student Teaching Residency 1	
Course	hrs.
CUIN 3346 Teaching the Writing Process	3
ENGL 3350-3351 (Choose 2) or Literature Elective	6
EDUC 4324 Student Teaching and Integrated Technology: Middle School	3
Total hours for Year 4, Fall Student Teaching Res. 1	12
BENCHMARK CHECKPOINT	

Year 4, Spring Student Teaching Residency 2Coursehrs.SEDE 4312 Teaching English in the Secondary School33 hrs. Content Methods, per advisor3CUIN 4332 Corrective and Remedial Reading3EDUC 4325 Student Teaching3Total hours for Year 4, Spring Student Teaching Res. 212

BENCHMARK CHECKPOINT

Attachment F. Proposed Degree Plan for Middle School Teaching and Curriculum, Social Studies

Year 1, Fall:	
Course	hrs.
ENGL 1303 First Year Writing I	3
MATH 1311 Elementary Math Modeling	3
HIST 1377 (The United States to 1877)	3
CHEM 1301 Foundations of Chemistry [Sciences A]	3
COMM 1332 Fundamentals of Public Speaking	3
Total hours for Year 1, Fall	15

Year 1, Spring Course	hrs.
ENGL 1304 First Year Writing II	3
MATH 1312 Introduction to Mathematics	3
HIST 1378 (The United States since 1877)	3
BIOL 1310 General Biology [Science B]	3
HDFS 1300 Development of Contemporary Families [WID]	3
Total hours for Year 1, Spring	15

Course I ENGL 4310 History of English Language [Humanities] I MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3] I POLS 1336 (US & Texas Constitutions and Politics) I GEOL 1330 Physical Geology [Science C] I	
MATH 2311 Intro to Probability & Stats [Inst. Des. Opt./Math 3] POLS 1336 (US & Texas Constitutions and Politics)	nrs.
POLS 1336 (US & Texas Constitutions and Politics)	3
	3
GEOL 1330 Physical Geology [Science C]	3
	3
PSYC 2351 Psychology of Adolescence [Social Sciences]	3
Total hours for Year 2, Fall	15

Year 2, Spring hrs. Course 3 MATH 2303 Concepts in Algebra [Math 4] POLS 1337 (US Government: Congrss, Prs, & Crts) 3 [Science D] choose from suggested list 3 [Visual and Performing Arts] 3 EPSY 3300 Educational Psychology 3 ECON 2301 Economic Concepts and Issues 3 18 Total hours for Year 2, Spring

BENCHMARK CHECKPOINT

Course	hrs.
CUIN 3221 Introduction to Teaching Middle Grades [CBM to 3 hrs.]	3
CUIN 3121 Educational Technology for Adolescents I	1
ELED 3320 Survey of Literature for Children & Adol.	3
EPSY 3360 Special Populations	3
CUIN 4303 Second Language Acquisition	3
CUIN 3397 Urban Child course	3
Total hours for Year 3, Fall: Pre-Teaching	16

Year 3, Spring: Developing Teaching* Course hrs. CUIN 3333 Differentiating Instruction for Diverse Learners 3 CUIN 4315 Assessment of Children 3 3 CUIN 4375 Classroom Management CUIN 3347 Reading in the Content Areas 3 HLT 3304: Adolescent Health 3 GEOG 2340 World Realms 3 Total hours for Year 3, Spring: Developing Teaching 18

BENCHMARK CHECKPOINT

Course	hrs.
SEDE 4311 Teaching Social Studies in the Secondary School	3
HIST 2343 Texas since 1865	3
HIST 3379 World Civilization to 1500	3
EDUC 4324 Student Teaching and Integrated Technology: Middle School	3
Total hours for Year 4, Fall Student Teaching Res. 1	12

BENCHMARK CHECKPOINT

Year 4, Spring Student Teaching Residency 2	
Course	hrs.
CUIN 4336 Popular Culture/Media in Education	3
CUIN 4337 Issues in Social Education OR CUIN 4329 Technology	3
HIST 3380 World Civilization since 1500	3
EDUC 4325 Student Teaching	3
Total hours for Year 4, Spring Student Teaching Res. 2	12
BENCHMARK CHECKPOINT	