Student: _____ Advisor: _____

ID: _____ Date: _____

University of St. Thomas
School of Education – 7-12 Composite Sciences
2014-2016 Catalog

UST Core Requirements (46 hours)	Total Hours Complete	Total Hours Needed
Theology (9 credit hours) – must take in order: THEO 1301/3301 – Intro to the Sacred Scriptures (PHIL 1311 or 1315/3315) THEO 2301/3311 – Teachings of the Catholic Church (THEO 1301/3301) THEO 3349 – Christ and the Moral Life (THEO 2301/3311 and PHIL 2314 or 2316/3316) **Transfer Students:** ***Transferring 30-59 hours:*** *Theology – 6-9 hours; Philosophy – 6-9 hours; Synthesis – 3 hours; **Total must be 18 hours*** ***Transferring 60+ hours:*** *Theology – 6 hours; Philosophy – 6 hours*		
Philosophy (9 credit hours) – must take in order: *Systematic Sequence*: PHIL 1311 – Phil of the Human Person; PHIL 2314 – Ethics (PHIL 1311); PHIL 3313 – Metaphysics (PHIL 2314) **OR** *Historical Sequence*: PHIL 1315/3315 – Ancient Philosophy; PHIL 2316/3316 – Medieval Philosophy (PHIL 1315/3315); PHIL 3317– Modern Philosophy (PHIL 2316/3316)		
Synthesis Course (3 credit hours) – choose one of the following in consultation with academic advisor: ***Philosophy Synthesis Pre-Req:*** *PHIL 2314 or PHIL 2316/3316* ***Theology and Catholic Studies Synthesis Pre-Reqs:*** *PHIL 2314 or PHIL 2316/3316; THEO 2301/3301; THEO 3349 (May also be taken as a Co-Req)* CS 3320 – Re-Connecting Catholicism with the Sciences PHIL 3314 – Business Ethics PHIL 3318 – Bioethics PHIL 3319 – Philosophy of the Mind PHIL 3336 – Political Philosophy PHIL 3350 – Contemporary Logic PHIL 4312 – Philosophy of Knowledge PHIL 4318 – Contemporary Philosophy PHIL 4324 – Faith and Reason PHIL 4331 – Philosophy of Art and Beauty PHIL 4335 – Analytical Philosophy PHIL 4337 – Philosophy of History and Culture PHIL 4340 – Phenomenology and Existentialism PHIL 4350 – Philosophy of Law: Tradition of Natural Law PHIL 4352 – Philosophy of Science PHIL 4354 – Philosophy of Saint Augustine PHIL 4360 – Philosophy of War and Peace PHIL 4362 – Philosophy of Woman PHIL 4364 – Philosophical Themes in Literature PHIL 4366 – Philosophy of Education PHIL 4361 – John Henry Newman THEO 3322 – Theology of Creation THEO 3327 – Re-Connecting Catholicism with the Sciences THEO 3336 – Christian Spirituality THEO 3345 – Theology of St. Thomas Aquinas THEO 3363 – Church History I THEO 3364 – Church History II THEO 4324 – Christian Ethics and the Law THEO 4325 – Faith and the Moral Development THEO 4334 – Social Justice and the Church THEO 4339 – Celtic Spirituality THEO 4336 – American Catholic Heritage THEO 4347 – Fathers of the Church THEO 4360 – John Henry Newman THEO 4374 – Modern Challenges to Christianity		
English (9 credit hours) – must take in order: ENGL 1341 – The Classical Tradition: Literature & Composition I ENGL 1342 – The Middle Ages: Literature & Composition II (ENGL 1341) ENGL 2312 – The Modern World: Literature & Composition III (ENGL 1342) ***Students with English transfer credit:*** *3 hours – take ENGL 1341, 1342* *6 hours – take ENGL 3312*		
History (6 credit hours): HIST 1335 – World Community I HIST 1336 – World Community II **OR** HIST 2333 – United States to 1877 HIST 2334 – United States since 1877		
Social & Behavioral Sciences (6 credit hours) Choose **two** courses from the following: ECON 1331 – Principles of Macroeconomics ECON 1332 – Principles of Microeconomics GEOG 2332 – World Regional Geography INST 1351 – Intro to International Studies SOCI 1331 – Principles of Sociology POSC 2331 – American & Texas Government I POSC 2332 – American & Texas Government II PSYC 1332 – General Psychology PSYC 3339 – Human Growth & Development (PSYC 1332) **OR** **Social & Behavioral Sciences (3 credit hours)** Choose **one** course from the list on the left **+** **Oral Communication (3 credit hours)** Choose **one** course from the following: COMM 1331 – Public Speaking COMM 2332 – Persuasion and Argumentation MGMT 3320 – Business Communication		
Natural Sciences (8 credit hours) Choose **two** lecture/laboratory courses from the following: BIOL 1351/1151 – Intro to Population Biology & Evolution/lab BIOL 1352/1152 – Intro to Cell & Molecular Biology/lab BIOL 2445 – Human Anatomy & Physiology I BIOL 2446 – Human Anatomy & Physiology II (BIOL 2445) CHEM 1341/1141 – General Chemistry I/lab CHEM 1342/1142 – General Chemistry II/lab (CHEM 1341/1141) ENSC 1343/1143 – Science of the Human Environment/lab ENSC 1344/1144 – Science of the Earth Environment/lab ENSC 1345/1145 – Intro to Watershed Science/lab GEOL 1341/1141 – Physical Geology/lab GEOL 1342/1142 – Historical Geology/lab PHYS 1331/1111 – General Physics I/lab PHYS 1332/1112 – General Physics II/lab (PHYS 1331/1111) PHYS 1323/1123 – Solar System Astronomy/lab PHYS 1324/1124 – Stellar & Galactic Astronomy/lab PHYS 2331/2111 – University Physics I/lab (MATH 1431) PHYS 2332/2112 – University Physics II/lab (MATH 1432; PHYS 2331/2111) **OR** **Natural Sciences (4 credit hours)** Choose **one** natural science course from the list on the left **+** **Modern and Classical Language (6 credit hours)** Choose **two** sequential courses in one language. Courses must be completed in the approved order. Choose language options from Arabic, French, German, Irish, Italian, Japanese, Mandarin Chinese, Russian Spanish, and (Classical) Greek or Latin		
Mathematics (3 credit hours) – choose **one** course from the following: MATH 1331 – Pre-calculus MATH 1351 – Finite Mathematics MATH 1431 – Calculus I MATH 1353 – Math for Econ & Business MATH 3332 – Elem Statistics for Econ & Business MATH 2330 – Intro to Statistics for Nursing MATH 2434 – Applied Statistical Concepts MATH 3450 – Biostatistics I (6 hours math or science)		
Fine Arts (3 credit hours) – choose **one** course from the following: ARTHS 1350 – Introduction to the Visual Arts ARTHS 2351 – Survey of Art I ARTHS 2352 – Survey of Art II ARTHS 3351 – Survey of Art I ARTHS 3352 – Survey of Art II DRAM 1330 – Introduction to the Theatre DRAM 2340 – Story of Theatre I DRAM 2341 – Story of Theatre II DRAM 3340 – Theatre History I DRAM 3341 – Theatre History II MUSC 1331 – Introduction to Music MUSC 3341 – Survey of History & Literature I MUSC 3342 – Survey of History & Literature II MUSC 3342 – Survey of History & Literature III		
Freshman Symposium (1 credit hour) – required for all entering freshmen UNIV 1111 – Freshman Symposium		

School of Education – 7-12 Composite Sciences Major Requirements (76-77 credit hours)	Total Hours Complete	Total Hours Needed
Mathematics (3 credit hours): MATH 1331 – Pre-Calculus Algebra and Trigonometry		
Biology (8 credit hours): BIOL 1351 – Introduction to Population Biology and Evolution BIOL 1151 – Introduction to Biology Practicum BIOL 1352 – Introduction to Cell and Molecular Biology BIOL 1152 – Basic Lab Techniques in Biology		
Chemistry (8 credit hours): CHEM 1341/1141– General Chemistry I & laboratory CHEM 1342/1142 – General Chemistry II & laboratory		
Environmental Studies (4 credit hours): ENSC 1343/1143 – Science of the Human Environment & laboratory		
Geology (8 credit hours): GEOL 1341/1141 – Physical Geology & laboratory GEOL 1342/1142 – Historical Geology		
Physics (12 credit hours): PHYS 1331/1111 – General Physics I & laboratory PHYS 1332/1112 – General Physics II & laboratory PHYS 1323/1123 – Solar System Astronomy & laboratory		
Science Elective (3 or 4 credit hours): Choose an additional 3000/4000 level science course for which the prerequisites are met		
Professional Development (18 credit hours): **(must be completed at UST)** EDUC 3100 – Field Experience Seminar I EDUC 3101 – Field Experience Seminar II EDUC 3102 – Field Experience Seminar III EDUC 3304 – Introduction to Curriculum and Instruction EDUC 3339 – Multicultural Populations EDUC 4338 – Classroom Management EDUC 4370 – Student Teaching, Secondary EDUC 4371 – Student Teaching, Secondary		
Multidisciplinary Studies (3 credit hours): MS 4338 – Adolescent Learning		
Reading (3 credit hours): RDGED 3303 – Content Area Reading		
English as a Second Language (3 credit hours): BIED 4330 – Foundations and Methods of Second Language Acquisition		
Special Education (3 credit hours): SPED 4320 – Exceptionality in Today's Schools		
Electives to reach the 126 credit hour minimum for graduation (3-4 credit hours)		
Total Required	**126**	

Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church and/or community service, and 20 hours of professional development.

(_____ hours transferred)

_____hrs complete +_____ hrs ip + _____hrs core + _hrs major + _____ hrs minor + _____ hrs other + _____hrs electives = 126+