



City on a Hill Urban Teaching Fellowship **Course Descriptions**

All Fellows:

CT575: General Methods of Instruction (Urban Teaching Seminar, Part I) (4 cr.) and CT633: Models of Teaching and Curriculum Development (Urban Teaching Seminar, Part II) (4 cr.)

Taught by the Director at City on a Hill, the Urban Teaching Seminar meets from August to May and supports the pre-practicum and practicum phases of development. This Seminar is intended to combine the mission of the Certification Program and the mission of City on a Hill Charter Public Schools. Specific areas of focus include classroom management, promoting equity in the urban high school classroom, delivering effective instruction, planning curriculum, and meeting professional responsibilities. Students analyze best practices across academic areas.

SE510: Special Education: Curriculum and Instruction (2 cr.)

This course focuses on principles of curriculum and instruction for students with disabilities educated in regular classroom settings. Readings include studies in typical and atypical human development. Students will be introduced to resources appropriate to the instruction of children with special needs.

RS600: Introduction to Research (4 cr.)

Designed to introduce students to social science research methods including quantitative, qualitative, and mixed-method approaches to education inquiry. Students will develop skills in conducting literature searches, reading empirical research studies, and applying these methods. Students leave the course better able to critically examine research presented in the mass media, critically engage with research in the workplace, and participate in research-based efforts to improve education.

TL525: Teaching English Language Learners in Middle/High Schools (4 cr.)

This course focuses on current theory/research related to teaching English language learners and the implications for effective language, literacy, and content-area assessment and instructional practices in sheltered English immersion classrooms in middle/high schools. This course covers the SEI Endorsement required for initial licensure.

DS502: Adolescent Development (2 cr.)

This course is an overview of diverse developmental theories of preadolescence and adolescence, including physical, cognitive, sociomoral, personal, and identity development. It examines how education may promote these broad, interrelated human competencies. Social institutions that promote or inhibit the growth and learning of adolescents—particularly in middle and secondary schools and within the family—are studied. This course relies heavily on general reading with student- and faculty-led discussions. It requires an analytical paper or applied project.

PLUS...

English Fellows:

EN503: Lesson Design and Instruction Delivery in the Humanities (4 cr.)

This course will introduce students to different models of lesson planning and unit planning as well as research-based strategies for effective instructional delivery in the secondary humanities classroom.

EN712: Methods in Teaching Writing in Secondary English Language Arts (4 cr.)

The course introduces aspiring middle and secondary English/Language Arts teachers to research-based practices for effective writing instruction and contains opportunities for application in a field experience. Topics include writing workshop, mentor texts, genre study, strategy instruction, process-based instruction, and revision.

EN701: Teaching Text (4 cr.)

Students will examine the demands of texts in the secondary classroom and components of successful reading. The course will analyze research-based practices for reading instruction in middle and secondary English Language Arts classes. Methods for assessing and differentiating according to various dimensions will be introduced.

+4 elective credits in English & Language Arts Education

Suggestions:

LW736: Teaching Writing in Elementary, Middle, and Secondary Schools (4 cr.)

In this course, students study research and theory that inform an understanding of the writing process, the development of writing abilities, and writing instruction and assessment. Students apply the literature to classroom practice at the secondary level.

LS690: Classroom Discourse (4 cr.)

This course will focus on the development of knowledge and understanding of the roles that language and culture play in the literacy development and learning of children and adolescents. Participants will explore theories and practices for literacy instruction, including reading skills and comprehension across grade levels and academic disciplines and for students with a range of learning needs.

History Fellows:

S0566: Historical Literacy (4 cr.)

Students will investigate the history, subspecialties, pedagogy, and research in history education as related to historical thinking, literacy, and problem solving. Students will develop competencies in developing and presenting research-based history lessons.

S0572: Curriculum and Special Methods for History and Social Science (4 cr.)

This course reviews traditional and recent curriculum materials in history or social science secondary education. Students analyze curricular goals and develop new teaching materials and classroom techniques for social studies education at various age levels.

S0520: Project Citizen: Promoting Civic Engagement (2 cr.)

Students apply a model of citizen action (Project Citizen) to analyze and influence a current public policy of their choice. The course also examines how that model can be used to promote active and informed citizenship among youth and adults.

S0567: History Laboratory (2 cr.)

Explores the use of field-based and classroom methods for teaching students with historical sites and museums. The course includes visits to local historical sites and museums.

+4 elective credits in Social Studies Education**Suggestions:****LW736: Teaching Writing in Elementary, Middle, and Secondary Schools (4 cr.)**

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LS690: Classroom Discourse (4 cr.)

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Math Fellows:**ME547: Methods of Teaching Mathematics (High School) (4 cr.)**

This course focuses on analyzing research on strategies, activities, and materials for teaching mathematical concepts and skills, grades 8-12. Concepts from geometry, higher algebra, probability and statistics, trigonometry, and calculus are covered.

ME560: Mathematics for Teaching Algebra (4 cr.)

This course revisits school algebra from an advanced perspective, with emphasis on multiple representations, making generalizations, and justifications. Topics include variables, patterns, functions, and linear algebra. Attention to contemporary issues in curriculum, learning, teaching, technology, and other tools are woven throughout.

ME559: Mathematics for Teaching Geometry (4 cr.)

This course revisits geometry from an advanced perspective, preparing teachers to teach geometry with understanding. Topics such as transformations, nonmetric, Euclidean, and non-Euclidean geometries are explored, with a focus on teaching with technology.

+4 elective credits in Mathematics Education**Suggestion:****ME558: Mathematics Curriculum: Program Issues, Trends (4 cr.)**

Analysis of historical, mathematical, and psychological factors influencing pre-K-12 mathematics curricula. Focuses on national and international standards, research on learning and teaching with understanding, and integrated curricula.

Science Fellows:

SC570: Science Teaching Methods (4 cr.)

This course emphasizes the instructional strategies and teaching skills necessary for successful instruction in the secondary science classroom.

SC572: Curriculum and Special Methods for Science Education (4 cr.)

This course emphasizes the practical applications of the instructional strategies and teaching skills taught in SC570. It emphasizes pedagogical content knowledge as it is being practiced in the student teaching practicum.

SC539: Explaining Science – A Philosophical Perspective (4 cr.)

In this course, students analyze science from philosophical and historical perspectives. What distinguishes scientific knowing? What vision has science given us of the universe and humanity's place within it? And how can answers to such questions inform the presentation of science to students and non-scientists?

+4 elective credits in Science Education

Spanish Fellows:

TL511: Methods of Teaching Modern Foreign Languages (4 cr.)

Teaching methodologies for modern foreign language, including techniques for developing language skills, communicative grammar teaching, evaluation and adaptation of material, planning and curriculum development, and assessment.

LS658: Second Language Acquisition (4 cr.)

Research and theories of second-language acquisition. Includes the research on naturalistic and classroom second-language learning.

LS565: Applied Linguistics: Language & Linguistics Survey (4 cr.)

An introduction to contemporary linguistics, including phonological and syntax theory, sociolinguistics, first- and second-language acquisition, and discourse theory. Also covers applications of various branches of linguistics to education, including issues of different cultures in the classroom, the role of language in education, and the development of literacy.

+4 elective credits in Language and Literacy Studies

Suggestion:

BI620: Educational Issues in Bilingualism (4 cr.)

Explores the effect of language diversity on the education of school-aged students. Examines national and international theory, research, policy, and practice in teaching students who speak languages other than the national language.