Descriptions — Teacher Education of Courses

942. Economic Analysis in Educational Policy Making
Spring of even-numbered years. 3(3-0) Interdepartmental with Educational Administration. Administered by Educational Administration.

946. Current Issues in Literacy Research and Instruction
Fall of odd-numbered years. 3(3-0)
Current research trends in the psychological, social, and political dimensions of literacy and literacy instruction.

950. Mathematical Ways of Knowing
Fall of even-numbered years. 3(3-0)
P: Two undergraduate mathematics courses. Philosophical, cultural, political, societal, psychological, and historical perspectives on knowing in mathematics as a discipline.

955. Contemporary Issues in Science Curriculum and Teaching
Fall, 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
Epistemological, social, psychological, and historical foundations of science education in relation to contemporary issues and problems of science curriculum, teaching, and policy.

960. Language, Literacy, and Educational Policy
Fall of odd-numbered years. 3(3-0)
P: Approval of department; application

965. The Craft of Policy Analysis in Education
Spring of odd-numbered years. 3(3-0)
Framing problems, devising alternative solutions, and predicting impacts.

970. Curriculum and Pedagogy in Teacher Education
Spring of even-numbered years. 3(3-0)
Teacher learning opportunities at the preservice, in-service, and inservice levels. Intended and enacted curriculum, sources of pedagogy, and their impact on teachers' knowledge, skills, and attitudes.

971. Teacher Learning in School Settings
Fall of odd-numbered years. 3(3-0)
Research about school-based learning by prospective, beginning, and experienced teachers. Observation, conversation, writing, and classroom research as tools for improving teaching.

975. Policy Perspectives on Teaching and Teacher Education
Fall of odd-numbered years. 3(3-0)
Policy issues such as teacher accountability, teacher knowledge, and political influence.

982. Seminar in Curriculum, Teaching, and Educational Policy (MTC)
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course.
Intensive study in an area of curriculum, teaching, and learning; educational policy and social analysis; teacher education and teacher learning.

990. Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course.
R: Open only to doctoral students.
Supervised individual study in an area of curriculum, teaching, and educational policy.

991. Special Topics in Curriculum, Teaching, and Educational Policy
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to doctoral students. Approval of department.
Supervised practice, observations, and internships in an area of curriculum, teaching and learning; educational policy and social analysis; or teacher education and teacher learning.

994. Laboratoy and Field Experience in Curriculum, Teaching, and Educational Policy
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to doctoral students. Approval of department.
Supervised research practicum. Design, execution, analysis, presentation, critique, and revision of research projects.

999. Doctoral Dissertation
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course.
R: Open only to Ph.D. students.

TELECOMMUNICATION

Department of Telecommunication
College of Communication Arts and Sciences

100. The Information Society
Fall, Spring, Summer. 3(3-0)
Technological and social trends in the information society. Social policy involving information technologies and information services. Examples from the telephone, computer, television, cable, radio and satellite systems.

200. History and Economics of Telecommunication
Fall, Spring, Summer. 4(4-0)
P: EC 201 or concurrently. R: Not open to freshmen.
Institutional, economic and content development of telecommunication including broadcasting, cable, new video technologies, and telephone and data transmission.

201. Introduction to Telecommunication Technology
Fall, Spring, Summer. 4(4-0)
P: MTH 110 or MTH 116; CPS 100 or CPS 130 or CPS 131 or concurrently. R: Not open to freshmen.
Operational principles of audio, data and video telecommunication technologies.

240. Telecommunication Media Arts
Fall, Spring, Summer. 4(2-4)
R: Not open to freshmen.
Characteristics of image and sound media and their role in shaping the meaning of media messages. Application of aesthetic principles in the design of mediated communication.

275. Effects of Mass Communication
Fall, Summer. 3(3-0) Interdepartmental with Communication.
R: Not open to freshmen.
Major social effects of media on audience behavior. Political communication. Media effects on children. Message strategies producing attitude change. Interrelationships between mass media and interpersonal communication.

310. Basic Telecommunication Policy
Fall, Spring, Summer. 4(4-0)
P: TC 100, TC 200, TC 201, TC 240.
Policy and plans in telecommunication systems and services in the United States and other nations.

342. Basic Video Design and Production
Fall, Spring, Summer. 3(3-0)
P: TC 240. R: Open only to Telecommunication majors. Approval of department; application required.
Conceptualization, design, planning, producing, directing, editing, and evaluation of video programs.

343. Basic Audio Production
Fall, Spring, Summer. 4(4-0)
P: TC 201, TC 240. R: Open only to Telecommunication majors. Approval of department; application required.
Basic audio production techniques. In-depth audio and radio industry analysis. Media writing.

345. Media Arts Content and Culture
Spring. 3(3-0)
R: Not open to freshmen and sophomores.
Media content as cultural discourse. Cultural themes in content and structure of media entertainment, news, sports, religion and political programs and commercials.

352. Broadcast and Cable Programming and Audience Promotion
Fall, Spring, Summer. 3(3-0)
P: TC 200, TC 240, or approval of department. R: Not open to freshmen.
Evaluation, selection and scheduling of cable and broadcast programming. Audience promotion strategies and techniques.

354. Telecommunication Marketing and Sales Promotion
Fall, Spring. 3(3-0)
P: TC 200, MI 300.
Application of advertising and marketing concepts to broadcast stations, cable systems, program networks and telecommunications.

361. Telecommunication System and Service Policies
Spring. 3(3-0)
P: TC 200, TC 201, TC 310, ACC 230.
Services, systems, and public policy related to telephone and telecommunication.

370. History of Film and Documentary
Fall, Spring. 4(2-4)
R: Not open to freshmen.
Analysis of fiction and non-fiction forms, emphasizing social background and cultural values. Screening of significant feature and documentary films.