468 Computer Graphics
Spring. 4(0-8) P:M: (STA 360)
The computer as a medium for visual communication
design. Experimentation with drawing, painting and solid modeling applications.

470 Still Photography
Fall, Spring. 4(2-4) P:M: (STA 370)
Control of black and white photographic materials through advanced camera and darkroom tech-
niques. View camera principles and use. Print hand-coloring and archival processing. Contemporary
form and content issues.

472 Color Photography
Spring. 4(2-4) P:M: (STA 370)
Principles of color photography. Vision, perception, and photographic science and art. Effect of color on
content. Color negative process and printing.

474 Photography Studio Lighting
Spring. 4(0-8) P:M: (STA 370)
The photographer’s balance of still life and portrait composition and controlled lighting with personal interpretation of subject matter. Lighting theory, technique, and equipment.

475 Photography Workshop
Spring. 4(1-6) P:M: (STA 370)
Non-traditional photographic processes and concepts. Non-silver printmaking, electronic still imaging,
computer manipulation, video production, and slide/sound productions.

481 Art Experiences with Children and Youth: Elementary
Fall. 5(1-8) P:M: Completion of Tier I writing requirement. R: Open only to juniors or seniors in the Department of Art with a teacher certification option.
Art teaching in the Saturday Art Program. Emphasis on elementary experiences. Planning and writing art curriculum.

482 Art Experiences with Children and Youth: Secondary
Spring. 6(2-8) P:M: Completion of Tier I writing requirement. R: Open only to juniors or seniors in the Department of Art with a teacher certification option.
Art teaching in the Saturday Art Program. Emphasis on secondary experiences. Planning and writing art curriculum.

490 Independent Study
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 3 credits in all enroll-
ments for this course. R: Approval of department.
Special projects arranged by an individual student and a faculty member in areas supplementing regu-
lar course offerings.

491A Selected Topics - Painting
Spring. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:M: (STA 320) R: Approval of department.

491B Selected Topics - Printmaking
Spring. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:M: (STA 430 or STA 431 or STA 432 or STA 433 or STA 435) R: Approval of department.

491C Selected Topics - Ceramics
Spring. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:M: (STA 345)
Issues of technique, style, and content in ceramics.

491D Selected Topics - Sculpture
Spring. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:M: (STA 350 or STA 351 or STA 354 or STA 355) R: Approval of department.
Issues of technique, style, and content in sculpture.

491E Selected Topics - Graphic Design
Spring. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P:M: (STA 360) R: Approval of department.
Issues of technique, style, and content in graphic design.

491F Selected Topics - Photography
Fall of odd years. 2 to 3 credits. A student may earn a maximum of 6 credits in all enroll-
ments for this course. P:M: (STA 370) R: Approval of department.

492 Senior Seminar and Professional Practice (W)
Fall, Spring. 2(2-0) P:M: Completion of Tier I writing requirement. R: Open only to seniors in the Studio Art major. C: STA 492A concurrently.
Capstone course for artists and designers. Writing as a mode of issue delineation and definition.

492A Exhibition Practicum
Fall, Spring. 1(1-1) P:M: Completion of Tier I writing requirement. C: STA 492 concurrently.
Exhibition experience in studio art. Audience delineation. Conceptualization. Use of space. Evalu-
ation.

493 Design Internship
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 credits in all enroll-
ments for this course. P:M: (STA 460 or STA 462 or STA 463 or STA 464 or STA 465 or STA 466 or STA 467 or STA 468) RB: and one other 400 level graphic design course. R: Approval of department, contract required prior to registration.
Field experience in a working design environment under supervision of a design professional: art director, graphic designer, or photographer.

494 Design Center
Fall, Spring. 4(0-8) P:M: (STA 460 or STA 462 or STA 463 or STA 464 or STA 465 or STA 466 or STA 467 or STA 468) RB: and one other 400 level graphic design course. R: Approval of department, contract required prior to registration.
Praetum in design problem solving, including extensive contact with selected clients at a profes-
sional level.

495 Workshop in Studio Art Practice
Fall, Summer. 1 to 3 credits. A student may earn a maximum of 4 credits in all enrollments for this course. RB: Upper level studio art major. R: Open only to juniors or seniors or graduate students in the Studio Art major or approval of department. Written contract required.
In-depth study of a specific technique or theoretical artistic practice.

TEACHER EDUCATION

Department of Teacher Education

College of Education

150 Reflections on Learning
Fall, Spring, Summer. 3(3-0) Interdepartmental with Counseling, Educational Psychology and Special Education.
Students’ experiences as learners in comparison to psychological, sociological, and anthropological
theories and assumptions about learning and teaching in and out of school.

240 Diverse Learners in Multicultural Perspective
Fall, Spring, Summer. 3(2-2) Interdepartmental with Counseling, Educational Psychology and Special Education. Adminis-
tered by Department of Counseling, Educational Psychology, and Special Education.
Not open to students with credit in TE 250. Communicative, linguistic, physical, sensory, behavior-
al, affective, and cognitive differences in learning in multicultural classrooms. Factors that mediate access to knowledge.

250 Human Diversity, Power, and Opportunity in Social Institutions
Fall, Spring, Summer. 3(3-0)
Comparative study of schools and other social insti-
tutions. Social construction and maintenance of diversity and inequality. Political, social and eco-
omic consequences for individuals and groups.

301 Learners and Learning in Context (W)
Spring. 4(3-4) P:M: Completion of Tier I writing requirement. RB: (TE 150) And (TE 250 or CEP 240) R: Not open to freshmen or sophomores. Open only to students admitted to the teacher certification program.
Role of social context and sociocultural background in learning. Natural and socially constructed differ-
ences among learners. Relationship among subject-
specific knowledge, teaching and learning that sub-
ject, and the institutional and communal context. Multiple literacies.

311 Growing Up and Coming of Age in Three Societies (D)
Fall of odd years. 3(3-0) RB: One IAH course, one ISS course, completion of Tier I writing requirement. R: Not open to fresh-
men and sophomores. SA: TCC 305
Diverse disciplinary and cultural perspectives of childhood and youth. Continuity and change in families and schools. Factors such as ethnicity, race, gender, and political philosophies. Focus on three contrasting societies.
Independent Study in Teacher Education
Fall, Spring, Summer. 3(3-0)
Literary understanding and genres in reading and teaching children's literature. Critical and theoretical perspectives in evaluating children's literature. Children's responses to literature. Literary, social, and pedagogical issues in the study of children's literature.

Teaching of Subject Matter to Diverse Learners (W)
Fall. 5(3-8) P.M: (MTH 201) and completion of Tier I writing requirement. RB: (MTH 202 and TE 301) R: Not open to freshmen or sophomores. Open only to students admitted to the teacher certification program.
Examining teaching as enabling diverse learners to inquire into and construct subject-specific meanings. Adapting subject matter to learner diversity. Exploring multiple ways diverse learners make sense of the curriculum.

Crafting Teaching Practice (W)
Spring. 6(4-8) P.M: Completion of Tier I writing requirement. RB: (TE 401) R: Not open to freshmen or sophomores. Open only to students admitted to the teacher certification program.
Gathering data on learners to inform content and instructional decisions. Deciding what should be taught for specific disciplines. Teachers' multiple roles and their professional, intellectual, sociopolitical, and communal responsibilities.

Independent Study in Teacher Education
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Open only to students admitted to the teacher certification program. Approval of department.
Supervised individual or small group study of the practice of teaching.

Special Topics in Teacher Education
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Open only to teacher certification candidates.
Aspects of teaching practice and inquiry into practice.

Field Experience in Teacher Education
Fall. 1 to 10 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Approval of department.
Supervised practica and/or observations in educational settings.

Student Teaching in Music
Fall, Spring. 9 credits. Interdepartmental with Music. Administered by School of Music. R: Open only to seniors in the Bachelor of Music Education major.
Supervised music teaching experience in schools. On-campus seminar required.

Broadcast and Cable Programming and Audience Promotion
Spring of even years. 3(3-0) RB: (TC 200 and TC 240) R: Not open to freshmen or sophomores.
Evaluation, selection and scheduling of cable and broadcast programming. Audience promotion strategies and techniques.

Data Communication
Fall, Spring. 3(3-0) P.M: (TC 200 and TC 201) and (MTH 103 and MTH 114) or (MTH 116 or MTH 132) RB: (TC 310) Data communication concepts and applications. Basic data communications protocols and local area network approaches. Fundamentals of databases.

New Media, Old Media
Fall. 3(3-0) P.M: (TC 100) RB: or approval of department.
Uses and social effects of the Internet and the other New Media of communication. Conventional theories of mass media and emerging theories of interactive media processes and effects. Critical examination of empirical social science research concerning the role played by the media, old and new, in society.

Special Topics in Telecommunication
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.
Contemporary issues in telecommunication.

Advanced Telecommunication Policy
Spring of even years. 3(3-0) P.M: (TC 310) RB: (TC 100 and TC 200 and TC 201) Information and communication industries policy in the network of networks of the information society.

Advanced Video Design and Production (W)
Fall, Spring. 4(2-4) P.M: (TC 342 and TC 343) and completion of Tier I writing requirement. R: Open only to juniors or seniors in the Department of Telecommunication. Approval of department; application required.
Advanced principles of video production. Techniques of design, recording, editing and writing.

Audio Industry Design and Management (W)
Fall, Spring. 4(2-4) P.M: (TC 342 and TC 343) and completion of Tier I writing requirement. R: Open only to juniors or seniors in the Department of Telecommunication. Approval of department; application required.
Advanced audio production specializing in multi-channel techniques. Industry focus on all aspects of the audio field.

Information Technology Project Management
Spring. 3(3-0) Interdepartmental with Information Technology Management: Computer Science and Engineering. Administered by The Eli Broad College of Business. P.M: (ITM 311) R: Open only to seniors in the Specialization in Information Technology.
Practical training and experiences in design, testing, and launch of new information technologies and systems.