

CURRICULUM SUPPLEMENT to the *GRADUATE CATALOG*

2007 - 2008

This *Curriculum Supplement* contains information about new courses, changes in courses, and changes in degree requirements implemented by the College since the printing of the current *Graduate Catalog 2006-2008*, effective fall 2007.

COLLEGE OF STATEN ISLAND
The City University of New York

COLLEGE CALENDAR

This calendar is subject to change. Check the College Website at www.csi.cuny.edu/currentstudents/academiccalendars/ for the most updated information.

SPRING 2008

Jan 21	Monday	College closed.
Jan 24	Thursday	Last day to withdraw with 100% tuition refund.
Jan 25	Friday	First day of classes. Late registration.
Jan 28-29	Mon.-Tues.	Late registration. Registration for senior citizens seeking a tuition waiver.
Jan 31	Thursday	Last day to withdraw with a 75% tuition refund. Last day to add a course.
Feb 7	Thursday	Last day to withdraw with a 50% tuition refund.
Feb 12	Tuesday	College closed.
Feb 14	Thursday	Last day to withdraw with a 25% tuition refund. Last day to withdraw from course(s) without a grade of "W." Last day to file for Pass/Fail option.
Feb 18	Monday	College closed.
Mar 1	Saturday	Last day to file for June/August 2008 graduation. Last day to file for readmission for the summer/fall 2008 semester.
Mar 11	Tuesday	Last day to withdraw from first 7½-week courses.
Mar 18	Tuesday	Mid-term grades due.
Mar 21-24	Fri.-Mon.	No classes.
Mar 26	Wednesday	Classes follow Monday schedule.
Mar 31	Monday	Last day to appeal grades other than WU or FIN from the fall 2007 semester. Please refer to the <i>Undergraduate Catalog</i> for details and procedures.
Apr 2	Wednesday	Last day to withdraw without permission of an instructor and chairperson. Financial aid recipients who totally withdraw before this date may incur repayment liability.
Apr 19-27	Sat.-Sun.	Spring Recess.
May 5	Monday	Last day to withdraw from second 7½-week courses.
May 14	Wednesday	Last day of classes. Last day to remove incomplete grades from the fall 2007 semester.
May 15-23	Thurs.-Fri.	Final Examinations.
May 17-18	Sat.-Sun.	Weekend classes.
May 24-25	Sat.-Sun.	Final Examinations Weekend.
May 26	Monday	College closed.
May 29	Thursday	Commencement.

Curriculum Supplement to the *Graduate Catalog* 2007–2008

NEW GRADUATE COURSES

CSC 716 Advanced Operating Systems

3 hours; 3 credits

Advanced topics in computer operating systems with a special emphasis on distributed computing, and the services provided by distributed operating systems and real-time operating systems. Topics may include: multithreading, real-time scheduling, synchronization, and concurrency; interaction of concurrent processes; network management and computer security; protection, remote procedure calls, transactions, shared memory, message passing, and scalability; other selected topics in state-of-the-art operating systems.

Prerequisite: CSC 632 or CSC 332 (undergraduate Operating Systems or equivalent)

EDD 629 Factors and Components of Educability

4 hours; 4 credits

Why do children appear to be so different in their ability to learn? Can we be satisfied with many versions of the “nature and nurture” explanation? What major factors affect students’ educability? What are those more specific abilities that underlie educability and where do they come from? What does it mean – to be psychologically ready for formal schooling? The course offers some non-traditional answers to these questions by challenging the view of abilities as stable intrinsic properties of the individual. The main focus is on what teachers can do to enhance students’ ability to succeed academically. Prerequisite: One of the following courses in the psychological foundations of education: EDE 260, EDS 202, EDD 609

ESC 705 Global Climate Change

3 hours; 3 credits

This course examines the dominant physical, chemical, and geological processes controlling global climate and its variations through time, on time scales from millions of years to seasonal, interannual, and decadal scales of relevance to human societies. An account of the Cenozoic climate decline leading to the major glacial cycles of the Pleistocene will be used as a context for understanding global climate sensitivity, the modes and mechanisms of climatic responses to external forcings, and projected consequences of the ongoing build-up of greenhouse gases in Earth’s atmosphere.

NRS 750 Curriculum in Nursing

3 hours; 3 credits

The course focus is curriculum development, including philosophy, outcome criteria, curriculum design, and evaluation of nursing curriculum. The goals of the course are formulated to meet the nursing educational and professional standards and are reflective of current and future trends in nursing education and health care. Development of the curriculum design is based on theoretical founda-

tions of nursing and nursing education. Evaluation of the educational outcomes is based on national accreditation standards and criteria.

Prerequisite: Matriculation in the Advance Certificate in Nursing Education

NRS 754 Evaluation in Nursing Education

3 hours; 3 credits

Standardized criteria are used to guide development of a master plan of evaluation for a nursing education program. To measure student achievement of learning, the course also emphasizes test construction, item writing, clinical evaluation tools, and psychomotor skills evaluation. NRS 801 or NRS 712 is accepted in substitution.

Prerequisite: Matriculated in the Advanced Certificate in Nursing Education

NRS 758 Teaching and Learning in Nursing Education

3 hours; 3 credits

Teaching and learning in nursing education are based on applications of selected learning theories and guide various methods of instruction for lecture presentation, clinical laboratory, and distance learning. The course addresses the learning needs and diversity of students today. Legal, ethical, fiscal, and regulatory influences on teaching and education are included.

Prerequisite: Matriculated in the Advanced Certificate in Nursing Education

NRS 760 Practicum in Nursing Education

6 clinical lab hours per week, 1 seminar hour; 3 credits

The course provides an opportunity for the application of teaching and learning theory to nursing education. Varied learning settings will be used to meet the individual needs of the student, who is developing his/her role as a nurse educator.

Prerequisite: NRS 754

Pre- or corequisite: NRS 758, NRS 754

CHANGES TO COURSES (CHANGES ARE IN BOLD TYPE)

CSC 632 Operating Systems Design and Implementation

To convey a thorough understanding of the basics of an operating system. Topics include CPU scheduling; process management and scheduling; interrupts; I/O, device handling; memory and virtual memory management and file management. Case studies of typical modern operating systems.

HST 711 Topics in the History of East Asia

This course covers important issues in East Asian history. Topics explored are: **Late Imperial China; Tokugawa Japan; Meiji Japan; Republican-era China; rebellion and revolution in China; The People's Republic of China; the Cultural Revolution in China; and international relations in East Asia.**

HST 798 Preparation of Thesis Proposal

Students in their third semester will enroll in the Preparation of Thesis Proposal Seminar. In the seminar, students will develop their topic, begin research, **collect bibliography, and receive instruction** in research methodology and historical writing. **Students will write a historiographical essay, reviewing the broader historical literature of their subject and relating their own approach to the field.** Before completion of the seminar, students, **in consultation with faculty and the program coordinator, will be assigned a thesis director and a second reader.**

HST 799 Thesis Tutorial Seminar

While students are working on their **thesis they will enroll in the Thesis Tutorial Seminar under the supervision of their director. The thesis director** will monitor students' progress on their **thesis and meet regularly with the students.** Students will present portions and drafts of their work in progress to the **thesis director and, under the advice of the director, consult with the readers before submitting a formal draft to the thesis committee (the director and second and third readers).**

NRS 721 Role Practicum: Adults in Community Settings

17 hours

NRS 723 Role Practicum: Adults in Acute Care Settings

17 hours

NRS 727 Role Practicum: Primary Health Care I

17 hours

NRS 728 Role Practicum: Primary Health Care II

17 hours

NRS 730 **Evidence-Based Nursing** for Advanced Practice

3 hours; 3 credits

This course is designed to assist students in further developing the competencies in evidenced-based nursing learned in baccalaureate courses. Students explore models of evidence-based practice, barriers and facilitators to evidence-based practice, statistical methods, and strategies for implementation of research findings in practice. Emphasis is placed on identifying the best evidence that addresses particular practice problems related to adult and gerontological health. Students determine the scientific merit of research and develop an evidence-based practice design to implement in selected practice settings.

Prerequisite: NRS 710

CHANGES IN DEGREE REQUIREMENT (CHANGES SHOWN IN BOLD TYPE)

MASTER'S IN BUSINESS MANAGEMENT (MS)

Admission Requirements

Students may apply for admission to the program for the fall or spring semesters. A graduate Management Steering Committee comprised of the coordinator of the program and deputy area coordinators from accounting, finance, information systems, international business, management, and marketing will determine admissions using the following criteria:

- Successful applicants must have a Baccalaureate degree **in Business or related fields such as corporate communications or Economics (Group 1) or an Accounting degree from CSI (Group 2)** and a grade point average of 3.0 or higher. **CSI Business faculty will evaluate the records of students with accounting degrees from accredited institutions other than CSI.** Potential students may apply after taking proficiency courses.
- They must take the GMAT examination. Students with degrees in corporate communications may **choose** to take the GRE examination.
- Those with baccalaureate degrees from non-English-speaking universities also must take the TOEFL examination and achieve a score of 600 on the paper-based version or 250 on the computer-based version.
- They must supply two letters of recommendation from instructors or employers. One letter, whenever possible, should come from a current or former employer.
- The Steering Committee may request an interview.

Group 2:

Students in Group 2 are required to have an undergraduate degree in accounting from CSI. CSI faculty will evaluate the records of students with accounting degrees from accredited institutions other than CSI.

All applicants must demonstrate proficiency in business fundamentals by having completed the following undergraduate coursework before starting the MS:

2 courses in accounting**

1 course in communications (may be a communications course or a business course with a strong emphasis on business presentations)

1 course in computer fundamentals (i.e., MS Windows, Office, Internet skills)

2 courses in economics (microeconomics and macroeconomics)

2 courses in quantitative methods (minimum of pre-calculus and statistics)

1 course in management

1 course in marketing

Students may substitute a passing score on the CLEP examination for any of the proficiency requirements.

Students must complete an essay as part of the enrollment application.

**CSI offers a graduate proficiency accounting course (ACC 600)

MASTER OF ARTS IN CINEMA AND MEDIA STUDIES (MA)

The Master of Arts Program in Cinema and Media Studies at the College of Staten Island is uniquely situated in the most vibrant media capital in the world. Our select and markedly international student body thus has direct access to New York City's extraordinary media archives, museums, theaters, galleries, and libraries, enriching and extending what is learned in the classroom.

Students accepted into the program undertake a challenging two-year curriculum that spans core knowledge in media history, theory, criticism, and production to develop research, writing, and media-making skills in preparation for careers in academia, the arts, or media-related professions.

Students are encouraged to work one-on-one with an engaged, diverse faculty composed of active distinguished film scholars and historians, and prominent film, video, and digital media artists. In addition, our students have the rare opportunity to combine coursework in both theory and practice, completing either a written or media production thesis, with resources including a digital media lab and a television studio.

Our growing program is intended to usher cinema and media studies into a new era of global intellectual and creative exchange.

Admission Requirements

Applicants to the program are expected to have the bachelor of arts or bachelor of science degree in a liberal arts and sciences major and to have completed with a B average the undergraduate courses required for the BA in Cinema Studies or Bachelor of Science in Communications at the College of Staten Island, or their equivalent. Applicants must also submit a one- **to two**-page statement of intent detailing interest in the field, background in film and media studies, and/or research interests; a ten- to 12-page writing sample (a short critical essay on a film topic or other related media); and three letters of recommendation.

The priority deadline for receipt of applications for admission for the fall semester is February 15. Late applications will be accepted until May 1. The deadline for receipt of applications for the spring semester is December 1. The department admissions committee will give full consideration to applications received after these respective dates, spaces permitting.

MASTER OF SCIENCE IN COMPUTER SCIENCE (MS)

(See section Graduate Courses in Selected Disciplines for computer courses for teachers.)

The program is designed to provide advanced education in this rapidly evolving and challenging discipline. It serves those students who wish to increase their professional competence for business, industry, and research and development laboratories, as well as those students who wish to enter careers in research and teaching. Students may continue in Doctoral programs in Computer Science including the City University program in which CSI participates.

All students are required to take ten graduate courses (30 credits). These include **four foundation courses**, and six additional computer science graduate courses. **The four foundation courses cover theoretical computer science, advanced operating systems, computer architecture, and programming methodology.** Courses to meet the remaining requirements are chosen in consultation with a graduate program adviser to create a program that meets the needs of the individual student.

Any other registered CSI graduate course in computer science shall be counted as an elective for the purposes of fulfilling the MS in Computer Science degree requirements, with the following exceptions: those courses specifically identified as computing for teachers or other computer science teacher education courses or those courses identified as graduate proficiency courses.

Admission Requirements

1. A Bachelor of Science degree in Computer Science or related area with a B average (3.0 out of 4.0) overall and in the major
2. Graduate Record Examination
3. Satisfactory completion or demonstrable knowledge of:
 - High-Level Language CSC 126
 - Assembly Language CSC 220
 - Discrete Mathematics CSC 228
 - Information Structures CSC 326
 - Object-Oriented Software Design CSC 330
 - Switching Theory CSC 346
 - Calculus MTH 230 or 231, and 232, 233; or 235, 236
 - Probability MTH 311
 - Linear Algebra MTH 338 or its equivalents. (See the CSI *Undergraduate Catalog* for descriptions of these courses.)
- 4. Students who satisfy the requirements listed above but who are missing CSC 332 (Operating Systems) or its equivalent in their undergraduate preparation will be admitted as matriculated graduate students but will be required to take the graduate proficiency course CSC 632.**
5. Students transferring from other related majors or entering from other colleges will be permitted to remedy upper-level undergraduate course deficiencies as follows:

Students missing any of the following undergraduate course(s): the required undergraduate mathematics course(s), CSC 228, CSC 326, CSC 330, and/or CSC 346, must take these undergraduate courses as non-matriculated graduate students. No more than nine graduate credits may be completed before deficiencies in mathematics, CSC 228, CSC 326, CSC 330, and/or CSC 346 have been remedied.

Students who are missing CSC 332 (Operating Systems) in their undergraduate background must take the graduate proficiency course CSC 632.

Undergraduate courses taken to remove deficiencies and graduate proficiency courses must be in addition to the regular coursework for the MS degree.

Degree Requirements

1. Matriculated status
2. A program of ten courses (30 credits) with at least a 3.0 (B) average.

The following core courses are required of all students:

CSC 716 Advanced Operating Systems

CSC 722 Computability

or

CSC 724 Formal Language Theory

CSC 727 Algorithms and Information Structures

CSC 740 Computer Systems Design

The remaining six courses will be chosen from any of the following: courses listed below under specialization areas; CSC 755 Applied Mathematics for Computer Science; CSC 759 Graduate Research Laboratory.

Exceptional students may be permitted to satisfy six credits of the total credit requirement with a master's thesis.

Specialization Areas

Certain specialization areas within computer science are well represented by the department faculty research interests. **Students interested in specializing in an area specified below are advised to select courses from the courses listed in that area. Students who are interested in doing research are also advised to take CSC 755 Applied Mathematics for Computer Science and/or CSC 759 Graduate Research Laboratory.** For additional CUNY Graduate Center courses in a specialization area, consult the graduate program coordinator.

MASTER OF ARTS IN HISTORY (MA)

Admission Requirements

For matriculated status:

1. Satisfactory completion of a bachelor's degree from an accredited college and a cumulative grade point average of at least 3.0. Students not meeting this requirement **may** be evaluated after an interview with the program coordinator and the admissions committee.
2. A superior record of accomplishment in undergraduate history courses, with at least a 3.0 average in these courses. Students not meeting this requirement **may** be evaluated after an interview with the program coordinator and the admissions committee.
3. Two letters of recommendation from **professors under whom the applicant has studied or other persons who can comment directly on the applicant's potential as a graduate student and scholar.**
4. Each applicant will provide a letter or statement not to exceed one typed page explaining why he or she is interested in pursuing graduate studies in history.
5. **Students are no longer required to take the Graduate Record Examination.**
6. **Students may enter the program in either the fall or spring semester.**

For non-matriculated status:

Non-matriculated graduate students and graduate students in the Education or **other graduate programs**, at the discretion of the **MA in History** program coordinator, may enroll in the program's offerings on a space-available basis after matriculated History MA program students have been accommodated.

Master's students may take an undergraduate history course, with appropriate additional work, for degree credit, only by special arrangement and with the prior permission of the program coordinator. Undergraduate students may, with the permission of the program coordinator, take graduate courses for credit toward their undergraduate degree or the master's degree.

Retention:

Students must have a minimum grade point average of 3.0 to be retained in a graduate program. Adhering to a two-year course of studies requires considerably more effort and dedication than one conducted over a prolonged and indeterminate period of time, so the department will make every effort to help students maintain this schedule. It should be noted, however, that courses are scheduled on a rotating basis over a two-year period. **In rare cases**, when individual students are unable to complete two courses during a semester, they **may** have the chance, **with the approval of the MA Committee**, to maintain their standing by taking a course in a future semester. They **may** also, with permission of the program coordinator, be able to take courses in the master's programs at the other CUNY colleges.

Some students – particularly those who continue to work full-time while completing the degree – will find it difficult to complete all of the degree requirements in four semesters. This is normal in most history MA programs, and students should not be discouraged by the demanding pace of CSI's program.

Probation and Dismissal:

Probationary Admission to Program: In some cases (such as when a student applies after the application closing date, with a lower-than-expected GPA, an undergraduate major other than History, or other issues), the MA Committee may admit students to the program on a probationary basis. In these cases, the standing of the student will be re-evaluated by the committee at the end of the student's first semester in the program, at which point the probation may be lifted or the student will be informed that he or she may not continue in the program. Details regarding this process are available from the program coordinator.

Degree Requirements

The MA in History requires 32 graduate credits, with all graduate courses designated at four credits, for a total of eight courses. Students must take at least one course in each of four of the program's five areas of concentration, the Historical Methods course (HST 701), and the two thesis seminars (HST 798 and HST 799).

Students with initial certification in Adolescence Education (social studies) who wish to obtain professional certification will complete a program of 36 credits. They will take HST 798 (4 credits) and HST 799 (4 credits). In addition, they will take EDS 691 (Advanced Studies in Teaching Secondary School Social Studies) (3 credits) and an independent study course (1 credit) in the Department of Education in the same semester in which they enroll in HST 799 (Thesis Tutorial Seminar). **For further information about these certification requirements, consult the Office of Teacher Certification Services of the New York City Department of Education at 212.420.1830.**

Areas of concentration:

- History of Africa and the Middle East
- History of Asia
- History of Europe
- History of Latin America and the Caribbean
- History of the United States

Thesis:

Students will take the four-credit HST 798 (Preparation of Thesis Proposal Seminar) with an additional four-credit HST 799 (Thesis Tutorial Seminar) **during the following semester.**

- a. In the preparation of a proposal seminar, thesis students will develop their topic, begin research, collect bibliography, and receive instruction in research methodology and historical writing. **Students will write a historiographical essay, reviewing the broader historical literature of their subject and relating their own approach to the field.** Students will **work with** a thesis director **in their field** from the department faculty.
- b. The thesis director will continue to supervise the thesis student during the semester of the tutorial seminar. The thesis will be accepted in partial completion of the degree when it is approved by the thesis director and the **second and third readers**, and is deposited in the department's archives.

The Faculty of the Department of History has established the following standards for an acceptable History MA thesis:

- 1) **An acceptable History MA thesis must be based on extensive research in primary sources.** The thesis cannot be a synthetic work based on the student's own interpretation of secondary sources and the writings of other historians.
- 2) **An acceptable History MA thesis must provide the historiographical context for the topic.** The introduction to the thesis will provide a thorough literature review that illustrates student mastery of, and the study's situation within, the scholarship available on the thesis topic. Establishing the historiographical context for the thesis topic will be one of the main objectives of HST 798 in the preparation of the thesis proposal.
- 3) **An acceptable History MA thesis must advance an original argument.** This does not mean that the student will be the first or only person ever to address the topic, but it does mean that the student must bring a new perspective to the study that has not been provided by a scholar before.

(Thesis students should consult the statement of guidelines for thesis submission to the CSI Library, maintained by the MA in History program).

MASTER OF SCIENCE IN ADULT HEALTH NURSING (MS)

MASTER OF SCIENCE IN GERONTOLOGICAL NURSING (MS)

Progression and Retention:

Students must have a minimum grade point average (GPA) of 3.0 (B) to be retained in a graduate program. Students whose GPAs fall below 3.0 are on probationary status. Students may attend full or part time. **In specialization courses (i.e., NRS 720, 721, 722, 723, 725, 726, 727, and 728), students must achieve a B or higher in order to progress in the program. If a student achieves a B-, C+, or C, he or she may request to repeat the course, if space is available and remedial activities have been completed. If the grade is an F, the student will be dismissed from the program.**

Clinical Nurse Specialist/Nurse Practitioner (CNS/NP)

Option: 48-54 credits

Electives:

NRS 703 Teaching and Learning for Cultural Competence

NRS 704 Cultural Competence in Nursing: Project Development

NRS 711 Health Care Program Development

NRS 712 Nurse as Educator

NRS 724 Case Management

NRS 725 Primary Health Care with Young and Middle-Aged Adults

NRS 726 Primary Health Care with Older Adults

NEW POST-MASTER'S ADVANCED CERTIFICATE IN NURSING

POST-MASTER'S ADVANCED CERTIFICATE IN NURSING, NURSING EDUCATION

Admission Requirements

All applicants must have a Master's degree in Nursing or be accepted as master's degree students in the graduate program of the College of Staten Island, using the standard admission requirements for the Master's degree in Nursing programs.

Nursing Education Certificate Requirements (12 credits)

NRS 750 Curriculum in Nursing

NRS 754 Evaluation in Nursing Education

NRS 758 Teaching and Learning In Nursing Education

NRS 760 Practicum in Nursing Education

POST-MASTER'S ADVANCED CERTIFICATE IN NURSING, CULTURAL COMPETENCE

Admission Requirements

All applicants must have a Master's degree in Nursing or be accepted as a master's degree student in the graduate program of the College of Staten Island, using the standard admission requirements for the Master's degree in Nursing programs of the College of Staten Island.

Cultural Competence Certificate Requirements (9 credits)

NRS 700 Transcultural Concepts and Issues in Health

NRS 703 Teaching and Learning for Cultural Competence Development

NRS 704 Cultural Competence in Nursing Project

INDEX

NEW GRADUATE COURSES

CSC 716 Advanced Operating Systems	3
EDD 629 Factors and Components of Educability	3
ESC 705 Global Climate Change	3
NRS 750 Curriculum in Nursing	3
NRS 754 Evaluation in Nursing Education	4
NRS 758 Teaching and Learning in Nursing Education	4
NRS 760 Practicum in Nursing Education	4

CHANGES TO COURSES

CSC 632 Operating Systems Design and Implementation	4
HST 711 Topics in the History of East Asia	4
HST 798 Preparation of Thesis Proposal	5
HST 799 Thesis Tutorial Seminar	5
NRS 721 Role Practicum: Adults in Community Settings	5
NRS 723 Role Practicum: Adults in Acute Care Settings	5
NRS 727 Role Practicum: Primary Health Care I	5
NRS 728 Role Practicum: Primary Health Care II	5
NRS 730 Evidence-Based Nursing for Advanced Practice	5

CHANGES IN DEGREE REQUIREMENT

Business Management MS	6
Cinema and Media Studies MA	7
Computer Science MS	7
History MA	9
Adult Health Nursing MS	12
Gerontological Nursing MS	12

NEW POST-MASTER'S CERTIFICATES

Nursing Education, Post-Master's Advanced Certificate	12
Nursing, Cultural Competence, Post-Master's Advanced Certificate	13