

OFFICE OF THE VICE-PRESIDENT AND PROVOST

TO:	Members of the Committee on Academic Policy and Programs
SPONSOR: CONTACT INFO:	Carolyn Tuohy 978-2181; c.tuohy@utoronto.ca
DATE:	January 7, 2003 for meeting of January 15, 2003
AGENDA ITEM:	4

# **ITEM IDENTIFICATION:**

Faculty of Arts and Science - Proposed Calendar Changes 2003-2004

# JURISDICTIONAL INFORMATION:

The Committee has authority for approval of major program and curriculum changes

# HIGHLIGHTS:

The Faculty is proposing 7 new programs (3 specialist and 4 minor) and 5 program deletions (4 specialist and 1 minor) (see cover memo from Dean Amrhein). In particular, the Committee may wish to note the Faculty's continuing development of programs involving the participation of professional faculties – in this case the Faculty of Forestry and the Faculty of Pharmacy.

#### **RECOMMENDATION:**

It is recommended that the Committee on Academic Policy and Programs approve:

The new programs and program deletions, as described in the submission from the Faculty of Arts and Science, dated December 20, 2002, effective for the academic year 2003-2004.

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#### **MEMORANDUM**

To:	Professor Carolyn Tuohy
	Vice-President, Policy Development, and Associate Provost
	University of Toronto
From:	Carl Amrhein
	Dean, Faculty of Arts and Science
Date:	Friday, December 20, 2002

# RE: Proposed Faculty of Arts & Science Changes to the 2003-2004 Calendar

At its meeting on Monday December 9, 2002, the Committee on Academic Standards of the Faculty of Arts and Science passed the 2003 - 04 Calendar changes reported below.

#### **Summary of Changes**

The Faculty is proposing few changes for this coming academic year: there are no new degree program proposals, and there are no amendments to academic policies or practices. The only items of significance are seven new programs and five program deletions within our existing Hon. B.A. and Hon. B.Sc. degrees. Below is a summary of new program proposals, and proposed program deletions. For the Committee's information I mention that the proposals below have all gone through three levels of approval: the departmental/program curriculum approval procedures, the relevant Faculty Curriculum Committee, and the Faculty Committee on Academic Standards.

**Proposed New Programs** (for details of Calendar entry for all new programs see Appendix): (a)American Studies Minor (Hon. B.A.)

- (b) English and Linguistics Departments Specialist Program (Hon. B.A.)
- (c) Faculty of Arts and Science and Faculty of Forestry Collaborative Minor Programs:
  - 1) Forest Conservation Minor Program (B.A.)
  - 2) Forest Conservation Science Minor Program (B.Sc.)
  - (d) New College Caribbean Studies Specialist Program (Hon. B.A.)
  - (e) Faculties of Arts and Science and Pharmacy Collaborative Pharmaceutical Chemistry Specialist Program (Hon.B.Sc)
  - (f) St. Michael's College Book and Media Studies Minor Program (Hon. B.A.).

#### **Proposed Program Deletions**

- (a) Botany Department: Plant Pathology Specialist (Hon. B.Sc.)
- (b) Classics Department:
  - 1. Classical Civilization Specialist Program (Hon. B.A.)
  - 2. Greek and Philosophy Specialist (Hon. B.A.)
- (c) Drama Program and French Department : Drama and French Specialist Program (Hon. B.A.)
- (d) Division of the Environment and Fine Art Visual Studies Program: Visualizing Environment Minor Program (B.A.)

# Faculty of Arts and Science St. George Calendar Curriculum Amendment Proposals for 2003-2004

#### **New Programs:**

#### Centre for the Study of the USA:

American Studies Minor Program (B.A.) (4 full courses or their equivalent, including at least one 300+ series course and at least two disciplines)

Enrolment in this Program is open to students who have completed four courses; no minimum GPA

#### Second year:

One of: HIS271Y1 American History Since 1607, ENG250Y1 American Literature POL203Y1 Politics and Government of the United States Third year: USA300Y1 Thinking about the U.S.A. Second, third, or fourth year: Two courses from the following: ECO306Y1 The United States in the World Economy ECO423H1 Topics in North American Economic History ENG238H1 Science Fiction and Fantasy: Film ENG254Y1 Contemporary Native North American Literature ENG256Y1 Twentieth-Century North American Jewish Literature ENG279Y1 Chinese North American Literature in English ENG358Y1 American Literature Before 1880 ENG359Y1 American Literature, 1880-1960 ENG361H1 American Fiction Since 1960 FAH289H1 Art since World War II FAH375H1 American Architecture: A Survey GGR240Y1 Historical Geography of the Americas GGR254H1 Geography USA GGR336H1 Urban Historical Geography of North America GGR339H1 Urban Geography, Planning and Political Processes HIS321H1 Rise of Industrial America, 1877-1907 HIS370H1 The Black Experience in the United States Since the Civil War HIS371H1The Social History of Early America HIS372Y1 The United States in the 20th Century HIS374H1American Consumerism - The Beginnings HIS375Y1History of 20th Century American Popular Culture HIS377Y1 20th-Century American Diplomacy HIS378H1America in the 1960s HIS379H1 Revolutionary America 1760-1790 HIS393H1 Slavery and the American South HIS406Y1 Making Race and Defining Women in Modern Science HIS408Y1 History of Race Relations in America HIS447Y1 Advanced Readings in American Popular Culture HIS473Y1 The United States and Asia during the Cold War: 1945-75

HIS474H1 The American Urban Black Experience HIS475H1 Race, Segregation, and Protest: South Africa and the United States HIS479Y1Cold War America INI225Y1 Contemporary Popular American Film INI322H1 Avant-Garde and Experimental Film INI324Y1 American Filmmaking in the Studio Era INI460H1 Film Noir INI463H1 Early Cinema INI483H1 Advanced Studies in Cinema POL319Y1 American Constitutional Law POL326Y1 United States Foreign Policy POL349H1 Globalization and Urban Politics in Europe and North America POL433Y1 Topics in United States Government and Politics USA400H1 Topics in American Studies I USA401H1 Topics in American Studies II NOTE: Other 300+ series courses with American content may be allowed; students should seek early approval of program credit for such courses.

# Academic Relevance:

Over the last few years an increasing number of students have enquired about an American Studies minor. As the program grows – and as the parent Centre for the Study of the United States incorporates additional faculty members from various disciplines – the introduction of a minor is a timely and apt development. As proposed, the minor will require very few additional resources in terms of faculty time or development of new units. Moreover, it will assist in the goal of attracting more students, and higher-calibre students, into American Studies courses. The Centre anticipates that most of those students pursuing the minor will be specialists with considerable background in US studies from the four core departments: English, History, Political Science, and Geography.

# **English & Linguistics Departments**

**English and Linguistics Specialist Program: (Hon. B.A.)** (14 full courses or their equivalent, including at least four 300+series courses, at least one of which is a 400-series course)

#### ENGLISH (7 courses)

NOTE: Students wishing to complete a Combined Specialist Program in English and Linguistics must complete seven ENG/JEF courses, fulfilling all of the following requirements:

1. One of:

ENG201Y1 Reading Poetry

ENG202Y1 Major British Writers

- 2. ENG367Y1 History of the English Language
- 3. At least two courses selected from the pre-1800 group of courses (Group A); at least one of the courses must be at the 300+ level (ENG 240Y and ENG 300Y specially recommended)
- 2. Only one 100-level ENG/JEF course may be counted towards the Program requirements; ENG 100H, ENG 185Y may not be counted

#### LINGUISTICS (7 courses)

First Year: LIN 100Y Introduction to General Linguistics

# Second Year:

LIN 228H Phonetics

- 229H Sound Patterns in Language
- 231H Morphological Patterns in Language
- 232H Syntactic Patterns in Language

Third and Fourth Years: Four additional LIN/JAL/JFL/JLP/JLS courses, at least three of which must be at the

300+ level, and at least one of which must be at the 400+ level (LIN 362H specially recommended) (Excluding LIN 200H, 265Y and 365Y)

Academic Relevance: The proposed joint Specialist program in English and Linguistics is modelled on the joint Specialist program in English and Philosophy. The joint program offers greater flexibility than a double major in English and Linguistics, and will attract students from both departments.

#### Faculty of Arts and Science and Faculty of Forestry (Collaborative Program)

Forest Conservation Minor Program (B.A.) (4 full courses or their equivalent, including at least one 300+ series course

First Year: One of ANT100Y Introduction to Anthropology ECO100Y Introduction to Economics ECO 105Y Principles of Economics for Non-Specialists GGR100Y Introduction to Physical Geography GGR 107Y Environment, Food and People
Higher Years: 3 Full Course Equivalents from FOR200H Conservation of Temperate Forests FOR 201H Conservation of Tropical and Subtropical Forests FOR 301H Forestry and Forest Conservation Practices FOR 302H Forest Management and Resource Allocation FOR 303H Forests and Society FOR 400Y Advanced Seminar in Forest Conservation FOR 401H Research Paper/Thesis in Forest Conservation

Academic Relevance: Forest conservation is a broad cross-disciplinary field with important links to both social and natural sciences (and some to humanities). Specialist BSc and BA programs have been established as rigorously structured programs for students planning professionally-focussed careers. We have, however, received considerable student interest in the possibility of linking minors in Forest Conservation with major or specialist programs in cognate disciplines including botany, zoology, environmental sciences, geography, anthropology, economics. This program is designed to meet these demands.

#### Faculty of Arts and Science and Faculty of Forestry (Collaborative Program)

**Forest Conservation Science Minor program (B.Sc.)** (4 full courses or their equivalent, including at least one 300+series course)

First Year: One of

BIO150Y Organisms in their Environment GGR100Y Introduction to Physical Geography

Second Year:

FOR200H Conservation of Temperate Forests

FOR 201H Conservation of Tropical and Subtropical Forests

*Third Year*: One FCE from:

FOR 300H Forest Products in Sustainable Forestry FOR 301H Forestry and Forest Conservation Practices FOR 302H Forest Management and Resource Allocation FOR 303H Forests and Society

Fourth Year: FOR400Y Advanced Seminar in Forest Conservation

#### **Academic Relevance:**

Forest conservation is a broad cross-disciplinary field with important links to both social and natural sciences (and some to humanities). Specialist BSc and BA programs have been established as rigorously structured programs for students planning professionally-focussed careers. We have, however, received considerable student interest in the possibility of linking minors in Forest Conservation with major or specialist programs in cognate disciplines including botany, zoology, environmental sciences, geography, anthropology, economics. This program is designed to meet these demands.

# **New College:**

**Caribbean Studies – Specialist Program (Hon. B.A.)** (10 full courses or their equivalent, with at least four 300+series courses, including one at the 400-level)

Caribbean Studies consists of courses in Caribbean history, literature and thought that deal with issues including gender, religion, politics, culture, ethnicity, race, development, language, colonialism and regional common markets. There is currently a Major and a Minor Program. In response to growing student and community interest, and increasing student enrolment in the core courses, New College is recommending the establishment of a Specialist Program.

#### Program Requirements

- 1. NEW 224Y Caribbean Thought I
- 2. NEW 324Y Caribbean Thought II
- **3.** 8 full courses or their equivalent, with at least 6 from Group A below, the remaining 2 from Group A or Group B

**Group A** (see Appendix for courses titles): ANT 426Y, 451H; ENG 253Y; HIS 106Y, 294Y, 359H, 394H, 456Y, 494Y; NEW 223Y, 325H, 326Y, 300H, 422Y, 423H; POL 201Y, 305Y, 445Y, 471Y; SOC 338Y **Group B** (see Appendix for courses titles): ANT 345Y; GGR 240Y, 249H; HIS 232Y, 295Y, 333Y, 370Y, 394Y, 408Y, 411Y 476Y; MUS 209H, 211H, 225H; NEW 150Y, 240Y, 322Y, 369Y, 425Y; POL 325H, 418Y; RLG 204Y, 205Y, 360H; SOC 330Y; SPA 380H, 381H, 382H

#### Academic Relevance:

Until a collaborative graduate program in Caribbean Studies is in place, students who have completed the Specialist Program could pursue graduate studies in Sociology/Equity Studies (OISE/UT), as well as graduate Social Work. The program will also be considered attractive for graduate work in social and political thought and cultural studies at the University of the West Indies in the exchange program between the U of T and UWI. This program will also serve well in the professional endeavours of school teachers, journalists and cultural workers within the growing Caribbean population (already approximately 500,000) in Canada – i.e. anti-racism; heritage programs; enhancing an understanding of the cultural uniqueness of Caribbean popules and cultures; working towards the development of dialogue with, and an understanding of, other socio-cultural groups with the polyglot mix of peoples who have made Canada their place of permanent residence.

#### Faculty of Arts and Science and Faculty of Pharmacy (Collaborative Program)

**Pharmaceutical Chemistry Specialist Program (Hon. B.Sc.)** (15.5 courses, including at least 4 300+series courses, with at least one 400-series course)

Enrolment in this program is limited to students with a 2.7 CGPA in the required first year courses described below. Visit the Pharmaceutical Chemistry Program web site for updated information about requirements, course offerings, and events: www.utoronto.ca/pharmacy/pharm\_chem/. Consult Dr. R. Macgregor, Room 409, F. Norman Hughes Building (416 978 7332) for general program requirements.

#### Specialist program:

NOTE: Some of the courses listed below may have prerequisites.

#### First Year:

BIO150Y Organisms in their Environment;

CHM 138H Introductory Organic Chemistry I + 139H Chemistry: Physical Principles *or* CHM 151Y Chemistry: The Molecular Science

MAT 135Y Calculus I or MAT137Y Calculus!:

PHY 110Y Basic Physics or PHY 138Y Physics for the Life Sciences I or PHY 140Y Foundations of Physics **Second Year:** 

BCH 210H Introductory Biochemistry;

BIO 250Y Cell and Molecular Biology;

CHM 220H Cell and Molecular Biology + CHM 221H Physical Chemistry: The Molecular Viewpoint or CHM 225Y Introduction to Physical Chemistry;

CHM 247H Introductory Organic Chemistry II or CHM 249H Introductory Organic Chemistry II;

PCL 201H Introduction to Pharmacology: Pharmacokinetic Principles

#### Third Year:

CHM 217F Introduction to Analytical Chemistry;

PHC 300Y Molecular Pharmacology;

PHC 320H Medicinal Chemistry;

PHC 330Y Pharmaceutics:

PHC 340Y Pharmaceutical Chemistry Laboratory

#### Fourth Year:

CHM 314Y Introduction to Instrumental Methods of Analysis; 1.

PHC 489Y Pharmaceutical Chemistry Research

Two full course equivalents from (see Appendix for course titles): 2.

CHM 346H; CHM 347H; CHM 379H; CHM 410H; CHM 427H; CHM 440H; CHM 417Y; PHC 470Y; PHC 407H; PHC 408H; PHC 433H; PHM 451H; PHM 453H; PCL 475Y; PCL 470Y

#### **Academic Relevance:**

Pharmaceutical Chemistry combines the knowledge of the biological, medical, and physical sciences. The emphasis in this program is on the chemical nature of the reactions and interactions involved in drug therapy. The students will receive a solid background in the aspects of chemistry the most relevant to drugs: physical, organic, and analytical chemistry. They will also learn the fundamental aspects of the synthesis, manufacture, use, and mode of action of drugs. The importance of pharmaceuticals in health care is obvious, the relevance of chemistry to pharmaceuticals is, likewise evident; however, there is currently no program at the University of Toronto that combines these two disciplines. The students in the professional program leading to the B.Sc. Pharmacy degree take courses in drug therapeutics and chemistry; however, the emphasis of their education is in the area of pharmaceutical care. Most of the students in the professional program go on to become licensed pharmacists; very few pursue careers in research or industry. There is a demonstrable need in academia and the pharmaceutical industry for individuals with a strong background in pharmaceutical chemistry. The education provided by this program will prepare them for graduate studies and research and development careers in industrial settings.

# PHARMACEUTICAL CHEMISTRY COURSES

# PHC 300 Y1 Molecular Pharmacology

The molecular basis for the action of drugs is presented based upon the physicochemical nature of the drug and its target.

Prerequisite: CHM 247H/249H; (CHM 220H,221H)/225Y; BCH 210H 39 L

# PHC 320 H1 Medicinal Chemistry

Modern discovery and synthesis of antibiotics, antineoplastics, antiviral and other therapeutic agents.

#### Prerequisite: CHM 247H/249H; BCH 210H PHC 330 Y1 Pharmaceutics

# 78L, 24T

78L, 26T

The study of the science and technology underlying drug delivery are covered. The properties of different dosage forms and delivery routes are studied with an emphasis on oral and parenteral routes.

Prerequisite: CHM 247H/249H; CHM (220H,221H)/225Y; PCL 201H; BCH 210H

#### PHC 340 Y1 Pharmaceutical Chemistry Laboratory 26L, 78P

The scientific basis and practical techniques relevant to modern pharmaceutical development.

#### Prerequisite: CHM 247H/249H; (CHM 220H,221H)/225Y; PCL 201H; BCH 210H

# PCH 489 Y1 Pharmaceutical Chemistry Research

This course will provide research experience under the supervision of a Departmental staff member. The goal is to deepen the student's understanding of the scientific basis and practical techniques relevant to modern pharmaceutical development.

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Prerequisite: Permission of the Department and the Project Supervisor

#### St. Michael's College:

**Book and Media Studies Minor (Hon. B.A.):** (at least four full courses or their equivalent, including at least one 300+ series course)

1. SMC228Y Books and Readers

**2.** Three courses or their equivalent from (see Appendix for course titles): ABS300Y; ANT323Y; CSC 300H; ENG 232H/322Y; FAH 323H/367H/436H; FCS 297H/495H; FRE 450H; GER 150H; HIS 241H/341Y/ 367H/375Y/419Y/428H/436Y/437H/477Y; HPS 201H/202H; ITA 385H; NEW 271Y; POL 332Y/451Y; PRT 258H; SMC 210Y/219Y/304H/358H/405H; VIC 345H; VIS203H; WDW385H.

#### Academic Relevance:

Although U of T libraries and centres are well-used by the graduate students, who work closely with book culture specialists in their specific areas of interest, it seems clear that the time has come to open the history of book area of knowledge to the undergraduate population. The undergraduate courses already offered in the area of book studies have shown that interest exists. The introduction of an undergraduate program in book and media studies would not only represent an important innovation in undergraduate teaching it would have the added advantage of strengthening our M.A. and Ph.D. collaborative programs, by offering potential masters and doctoral students a strong basis on which to build their graduate research

# Program Deletions (All students in the Programs will be "grandfathered" so they may complete them)

#### Botany: Plant Pathology Specialist Program (Hon. B.Sc.)

Rationale: Four core professors are retiring or leaving July 1, 2003. The Department will not be able to mount enough courses to run a program. Student numbers have been diminishing, and the Department is in any case moving away from this area, which is no longer a high priority.

#### Classics

#### Classical Civilization Specialist Program (Hon. B.A.)

The department wishes to delete the specialist programme in Classical Civilization for two reasons. First, it requires that we offer a number of 400-level courses which we are unable to mount as a consequence of manpower reductions in the department. To continue with such courses would divert resources from programs which are both more popular and have a stronger academic justification. Second, the department has found that students are routinely misled (despite courselling) by the existence of the specialist program into thinking that it might be preparation for a graduate programme in Classics.

#### Greek & Philosophy Specialist Program (Hon. B.A.)

Rationale: The Greek and Philosophy Specialist has been rarely elected by students, and students with interests in both Greek and Philosophy would be better served by a combination of majors in these two areas. The Philosophy Department concurs in this view.

#### Drama & French Specialist Program (Hon. B.A.)

Rationale: Due to retirements, FRE courses in Drama are no longer available, so the Department can no longer offer this component of the Specialist

#### Environment Division: Visualizing Environment Minor Program (Hon. B.A.)

Rationale: Due to heavy student demand, enrolment in Visual Studies courses is now limited to Majors and Specialists in VIS Programs, so this Minor Program is no longer viable.

#### **APPENDIX:**

**Caribbean Studies Specialist Program: Titles for Course options lists** Group A: ANT 426Y Orientalism: Western Views of the Other 451H Orientalism: Western Views of the Other ENG 253Y World Literatures in English HIS 106Y Natives, Settlers, and Conquistadors: Colonizing the Americas, 1492-1776 294Y Caribbean History and Culture 359H Regional Politics and Radical Movements in the 20th Century Caribbean 394H South Asian Migration and Settlement 456Y Slavery in Latin America 494Y Kinship, Slavery and Citizenship in West Africa c. 1500 to the present NEW 223Y Caribbean Literature and Society 325H Caribbean Women Thinkers 326Y Indenture, Survival, Change 300H Humanism II: Enlightenment and Post-Enlightenment Thought 422Y Special Topics in Caribbean Studies 423H Special Topics in Caribbean Studies POL 201Y Politics of Development: Issues and Challenges 305Y Politics and Society in Latin America 445Y Canada and The Third World **471Y** Constitutional Politics SOC 338Y Globalization and Labour Group B: ANT 345Y Social Anthropology of West Africa GGR 240Y Historical Geography of the Americas 249H Contemporary Latin America HIS 232Y The British Imperial Experience 295Y Major Themes in the History of Sub-Saharan Africa 333Y Revolution in 20th Century Latin America 370Y The Black Experience in the United States Since the Civil War 394Y South Asian Migration and Settlement 408Y History of Race Relations in America 411Y European Colonialism 1870-1970 476Y Voices from Black America MUS 209H Performing Arts of South Asia NEW 150Y Introduction to African Studies 240Y Introduction to Equity Studies 322Y The Contemporary African Novel 369Y Studies in Post-Colonialism 425Y Women and Issues of International Development POL 418Y Politics and Planning in Third World Cities RLG 204Y The Islamic Religious Tradition 205Y The Hindu Religious Tradition 360H Hindu Faith in the Modern World SOC 330Y Comparative Ethnic Relations SPA 380H Colonial Literatures and Cultures 381H Nation, Identity and Literary Modernism in Spanish-America

382H Spanish American Women in Art, Film, and Literature

Faculty of Arts and Science and Faculty of Pharmacy (Collaborative Program)		
Pharmaceutical Chemistry Specialist Program		
Titles for Course options list		
CHM 346H Modern Organic Synthesis		

- 347H Organic Chemistry of Biological Compounds
  379H Biomolecular Chemistry
  410H Analytical Environmental Chemistry
  427H Statistical Mechanics
  440H The Synthesis of Modern Pharmaceutical Agents
  447Y Bio-organic Chemistry
- PHC 407H Neuroreceptors (JPY 1007Y)
  - 407H Advanced Pharmacokinetics I (PHM 1007)
  - 408H Advanced Pharmacokinetics II (PHM 1008)
  - 433H Recent Developments in Dosage Form Design (PHM 1109)
  - 451H Radiopharmaceuticals in Diagnosis and Treatment
  - 453H Selected Topics in Nuclear Pharmacy
- PCL 470Y Sstems Pharmacology
  - 475Y Neuropsychopharmacology

#### St. Michael's College:

#### Book and Media Studies Minor (Hon. B.A.)

#### **Titles for Course options list**

- ABS 300Y Worldview, Indigenous Knowledge, and Oral Tradition
- ANT 323Y Popular Culture Studies
- CSC 300H Computers and Society
- ENG 232H Twentieth-Century Biography 322Y Fiction before 1832

#### FAH 323H Books of Hours

- 367H The Graphic Arts
- 436H The Art of Devotion in the Late Middle Ages
- FCS 297H Comic Books and French Culture
- 495H Global Impact of French Language and Culture
- FRE 450H The Sablé Centre Seminar in 19th Century French Studies
- GER 150H German Cultural Studies
- HIS 241H Europe in the Nineteenth Century, 1815-1914
  - 341Y Enlightenment Europe, 1660-1789
    - 367H History of Images
    - 374H American Consumerism The Beginnings
    - 375Y History of 20th Century American Popular Culture
    - 419Y Canadian Popular Culture, 1880 to the Present
    - 428H Medieval Monasticism
    - 436Y Culture and the Cold War
    - 437H The Writing and Rewriting of 17th Century English History
  - 477Y Topics in the Social and Cultural History of Victorian Britain
- HPS 201H Origins of Western Technology
  - 202H Technology in the Modern World
- ITA 385H From Manuscript to Print, from Print to Computers

- NEW 271Y Gender, Race and Class in Contemporary Popular Culture
- POL 332Y Courts, Law, and Politics in Comparative Perspective 451Y Politics and the Media
- PRT 258H Introduction to Luso-Brazilian Studies
- SMC 210Y The Mediaeval World of Knowledge 219Y Mass Media in Culture and Society 304H Christianity, Law and Society 358H The Mediaeval Book 405H Mediaeval Law
- VIC 345H Media and Communications in the Early Modern Era
- VIS 203H Print Media
- WDW385H Representing Crime