

Examples of completed forms for the Curriculum Review Committee

Library Collection Review for Proposed Courses (this is the last section of Form B, Request for Addition of a New Course)

AGR 436	Stocker and Feedlot Management
CHM 546	Forensic Toxicology & Drug Chemistry
IT 383	Issues in the Elements of Nanotechnology Safety
CNE 593	Community Counseling
GEO 532	GIS Principles and Applications

Form B; Request for Addition of a New Course

GEL 332	Forensic Geology
GEO 436	Urban Geography

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: AGR 436

Proposed Title: Stocker and Feedlot Management

1. Results of the librarian's review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

A subject heading search in the Newton Gresham Library online catalog reveals book collections under the following applicable subject headings: Animal feeding – 12; Animal nutrition – 47; Animal Rights – 49; Animal Rights, United States – 8; Animal Welfare – 74; Animal Welfare, United States – 20; Beef Cattle, Feeding and feeds – 15; Beef Cattle, Feeding and feeds, history – 2; Cattle Diseases – 15; Cattle Feeding and feeds – 13; Feed, Processing – 1; Feedlots – 8; Feedlots, Economic aspects, Texas – 2; Feedlots, Environmental aspects – 2; Feedlots, History – 2; Feedlots, Texas – 1; Feedlots, United States – 2; Feedlots, United States, Management – 12; Feeds – 25; Feeds, Research – 1; Manure, Environmental aspects – 3; Manure, Environmental aspects, US, Livestock – 4; Manure, Managing, US, Cattle – 3.

The Newton Gresham Library maintains an electronic subscription to the US Government periodical, *Cattle on Feed*; and both print and electronic subscriptions to the *Journal of Animal Science*. The Library also holds subscriptions to several other journals in Agriculture possibly applicable to this course.

The Newton Gresham Library also maintains subscriptions to several electronic databases which index and abstract, with some providing full-text access to, articles published in scholarly, peer-reviewed journals in Agriculture, they are: AGRICOLA, ScienceDirect, Biological Abstracts, Wilson General Science Full-Text, and Wilson Omnifile Full Text Mega Edition.

2. Identify additional resources that are likely to be needed, and the approximate cost of the materials.

None

3. Bibliographer's comments (state any concerns regarding the library's support of the course).

It is the opinion of this bibliographer that the Newton Gresham Library contains the information resources to provide ample support to this proposed course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____
Librarian

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: CHM 546

Proposed Title: Forensic Toxicology & Drug Chemistry

1. Results of the librarian's review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

A subject heading search in the Newton Gresham Library catalog reveals book collections under the following applicable or related subject headings listed in alphabetical order: autopsy-13; biological assay-8; chemistry, forensic-31; chemistry, analytic-78; chemistry, analytic-methodology-1; chromatographic analysis-53; drugs of abuse-toxicology-1; drug testing-9; drug testing-U.S.-21; drugs-analysis -17; extraction (chemistry)-13; forensic sciences-69; forensic toxicology-7; gas chromatography-50; high performance liquid chromatography-21; immunoassay-2; instrumental analysis-22; liquid chromatography-19; mass spectrometry-68; mass spectrometry-forensic applications-2; microbiological assay-3; molecular spectra-8; pediatric toxicology-8; pharmaceutical chemistry-35; pharmacology-34; pharmacology with specific drug name e.g. cannabinoids, cocaine, ethanol, street drugs; spectrum analysis-112; toxicology-59; toxicology, alcohol-3; toxicology, aromatic compounds-2; toxicology, arsenic-2; toxicology, cannabinoids-2; toxicology, carbon monoxide-4; toxicology, chemical agents-4; toxicology, cocaine-2.

The Newton Gresham Library maintains subscriptions to several journals in area of toxicology, and analytical chemistry which may be applicable to this proposed course. The journals the library subscribes to in print are: *Analytical Chemistry* (1947-to present), *Analytical Letters* (1972-to present), *Methods of Biochemical Analysis* (1954-to present), *Journal of Chromatography A* (1993-to present), *Journal of Chromatographic Science* (1969-to present) and *Journal of Forensic Sciences* (1978-to current).

Journals whose subscription is on-line or electronic only are: *Journal of Analytical Toxicology* (November 2000 to present) available via EBSCO EJS, *Chemical Research in Toxicology* (1988-to present) available in ACS (American Chemical Society) Legacy Archives, *Clinical Toxicology: The Official Journal of the American Academy of Clinical Toxicology and European Association of Poisons Centres and Clinical Toxicologists* (2005- to present, with 1 month embargo) available in Academic Search Premier, *Critical Reviews in Toxicology* (2002- to present) available in Academic Search Premier, *Drug and Chemical Toxicology* (2000- to present, with 1 year embargo) available in Academic Search Premier.

The Newton Gresham Library maintains subscriptions to several electronic databases which index and abstract, with some providing full-text access to articles published in scholarly journals in chemistry and toxicology, such as those mentioned above and additionally ScienceDirect, SciFinder Scholar, and Wilson General Science Full-text.

2. Identify additional resources that are likely to be needed, and the approximate cost of the materials.

Specific resources were identified in section IV b that the Library would need to acquire in support of this proposed course. The *Journal of Analytical Toxicology* is currently available from November 2000 to the present via EBSCO EJS. The back files of the *Journal of Forensic Sciences* will be available in electronic format as of September of 2007; currently January 2006 to present time is available electronically.

There is also a request for the Library to obtain electronic subscriptions to *Therapeutic Drug Monitoring*, *Rapid Communications in Mass Spectrometry*, and *Journal of Chromatography B, Analytical Technologies in the Biomedical and Life Sciences*. There would need to be a thorough evaluation of the cost of subscription compared with Interlibrary Loan provision for articles from these three journals.

3. Bibliographer's comments (state any concerns regarding the library's support of the course).

In this bibliographer's opinion there are ample resources within and provided by the Newton Gresham Library to furnish support for this proposed course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____
Library Director

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: IT 382

Proposed Title: Issues in the Elements of Nanotechnology Safety

1. Results of the librarian's review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

A subject heading search of the Newton Gresham Library online catalog reveals book collections under the following applicable subject headings: high technology industries- 13; metals, microstructure-1; microstructure- 10; molecular electronics- 3; nanochemistry- 1; nanoparticles- 4; nanoparticles, environmental aspects- 2; nanoscience- 3; nanostructured materials- 15; nanostructured materials, industry, environmental aspects, United States- 1; nanostructured materials, industry, health aspects, United states- 1; nanostructured materials, industry, United States- 2; nanostructure- 3; nanostructures- 14; nanostructures, toxicity- 1; nanotechnology- 44; nanotechnology, environmental aspects, United States- 2; nanotechnology, government policy, United States- 6; nanotechnology, health aspects, United States- 2; nanotechnology, law and legislation, United States- 2; nanotechnology, moral and ethical aspects- 5; nanotechnology, research, United States- 5; nanotechnology, social aspects- 7; nanowires- 1.

Also a subject heading search in the area of industrial safety revealed: industrial safety- 81; industrial safety, government policy, United States- 11; industrial safety, law and legislation, United States-63; industrial safety, management-9; industrial safety, psychological aspects-2; industrial safety, United States-97.

The Newton Gresham Library maintains electronic subscriptions which may be of benefit in this course, such as: *AZonano: Journal of Nanotechnology Online* via EBSCO Open Access Physics & Astronomy Collection (2005-current); *E-Journal of Surface Science & Nanotechnology* via EBSCO Open Access Technology Collection (2003-current); *Internet Journal of Nanotechnology* via Directory of Open Access Journals (2004-current); *Nature Nanotechnology* via Academic Search Complete (2006-current); *Current Nanoscience* via Ingenta (2005- current); *International Journal of Nanoscience* via Academic Search Complete (2002-current); *Journal of Experimental Nanoscience* via Academic Search Complete (2006-current). Additional electronic publications in the area of industrial safety, such as *Safety Compliance Letter* (via database Business Source Complete, 2003-current), *Safety Science Monitor* (via Directory of Open Access Journals, 1997-current), *Professional Safety* (via Academic Search Premier database, 1997-current) and NIOSH eNEWS (2003-current) may also be of use in this course.

The Newton Gresham Library also maintains subscriptions to several electronic databases which index and abstract, with some providing full-text access to, articles published in scholarly, peer-reviewed journals, trade publications and magazines in many aspects of nanotechnology and nanoscience. In addition to the previously mentioned databases the following may also be helpful: ScienceDirect, Wilson General Science Full Text, Wilson OmniFile Full Text, MEDLINE, AGRICOLA, SciFinder Scholar, Biological Abstracts, and American Chemistry Society (ACS) Web Edition.

2. Identify additional resources that are likely to be needed, and the approximate cost of the materials.

Section IV, subsection b identified the following subject areas needing to be enhanced: Nanotechnology, Nanotechnology Safety, and National Institute for Occupational Safety and Health. Books in these subject areas can easily be added to the collection using the current funds allocated in Science, Chemistry, and Physics.

3. Bibliographer's comments (state any concerns regarding the library's support of the course).

In the opinion of this bibliographer there are ample resources within and provided by the Newton Gresham Library to furnish support for this proposed course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____
Library Director

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: CNE 593

Proposed Title: Community Counseling

1. Results of the librarian’s review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

The Library supports the information needs of the Graduate Program in Counseling; our print and electronic collection of books, journals and databases will meet the needs of the students taking this course. Full text of the journal, **Rehabilitation Counseling Bulletin**, is available in EBSCO’s Academic Search Premier database and it is indexed in PsycINFO; EBSCO provides seamless access to the fulltext in Academic Search Premier from PsycINFO.

2. Identify additional resources that are likely to be needed, and the approximate cost of the materials.

None

3. Bibliographer’s comments (state any concerns regarding the library’s support of the course).

The Library can support this course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: Geo 532

Proposed Title: GIS Principles and Applications

1. Results of the librarian's review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

A search of the Library's catalog revealed an adequate collection of recent books (print and electronic), and government documents (including maps and datasets). The Library has the 2 volume monograph Geographical Information Systems edited by Paul A. Longley, M. F. Goodchild, D. J. Maguire and D. Rhind identified by the Department as a primary resource. The Library's journal collection contains Cartography and Geographic Information Science, and Computers & Geosciences, titles which often publish articles on cartography and geographic information systems. The Library's electronic resources will provide access to full text journal articles. In addition to the full text databases, Academic Search Premier, and Wilson Omni Full-text, the Library provides access to GeoBase, an online bibliographic database covering geography and geology, the ACM Digital Library and IEEE Computer Society Library, both of these databases contain peer reviewed journals. Academic Search Premier provides access to the International Journal of Geographical Information Science from 1998 to 1 year ago. The Library has access to ScienceDirect, Kluwer Online, and Wiley Interscience online journals; a keyword search of these databases indicates these resources can provide support for this course. Materials not available on campus can be obtained through shared resources programs such as interlibrary loan and TexShare.

2. Identify additional resources that are likely to be needed, and the approximate cost of the materials.

The Library monitor Interlibrary Loan request to determine the need for the International Journal of Geographical Information Science; at present a subscription to the online version, with permanent access to the title, is \$1777; a combination of print and online (with permanent access to the title) is \$1871.

3. Bibliographer's comments (state any concerns regarding the library's support of the course).

The Library can support this course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____

Form B
REQUEST FOR ADDITION OF A NEW COURSE

I. Course identification

a. Proposed prefix and number: GEL 332 Forensic Geology (3 credits)

b. Proposed title: Forensic Geology

c. Proposed catalogue description:

The course is aimed at majors in criminal justice, forensic psychology, geography/geology, and general science. The course covers many of the basic geological principals and techniques used in solving crime. The course begins with the examination of rocks, minerals, pigments, and microfossils involved in criminal investigations. Some of the basic technologies used in examination of rocks and minerals will be introduced, with demonstrations and/or hands-on use of instruments such as the petrographic microscope, the scanning electron microscope, x-ray diffraction, and particle size analysis. Interpretation of topographic and geologic maps and examination of low-altitude stereo photos will provide additional tools used in forensic terrain analysis. A variety of remote sensing (e.g., satellite imagery) and geophysical techniques (e.g., ground-penetrating radar) will be integrated into hands-on investigation of mock crime scene analysis. Geographic information systems (GIS, the computer manipulation of spatial data) will provide students with practical, state-of-the-art technologies that aid in solving crime. A significant part of the course will involve case studies as well as hands-on field and laboratory analyses.

d. Credit hours: 3

e. May course be repeated for credit? *No*

f. Maximum number of credit hours that can be earned: 3

g. Is this course eligible to receive a grade of IP? *No*

h. Is this course exempt from the 3-peat charge? *No*

i. Is the proposed course writing enhanced? *No*

j. Prerequisites:

i. course prerequisites: *GEL 132/112 or GEL 133/113 or permission of instructor*

ii. classification prerequisite: *junior*

iii. semester hour prerequisite: *64*

iv. companion course: *none*

k. Identify the majors and/or minors this course will be required for: *none*

l. Identify the majors and/or minors this course will be an elective for:

geology majors and minors and criminal justice majors

II. Statement of need and program compatibility

a. Explain in detail why this course is needed (including how the proposed course will support the present program curriculum).

This course is designed to (1) give geology and geography students examples of the practical application of geologic principles to solving real-life situations, and (2) fill a critical gap in the criminal justice curriculum by offering students an opportunity to not only see how forensic geology can provide them with a powerful analytical tool, but to

also introduce them to some of the technologies (e.g., optical mineralogy, x-ray diffraction, particle size analysis, ground-penetrating radar, scanning electron microscopy) that are being used to solve crimes.

- b. Explain how the addition of this course will directly or indirectly influence subsequent changes in the curriculum

The addition of this course will have no direct effect on subsequent curriculum changes. It will add one more elective offering to geology and geography majors. Because of the addition of a faculty member to the geology department, and expanding enrollments university-wide, no existing courses will have to be dropped. The course will be fitted into the existing teaching loads through course rotation sequencing.

- c. Are courses with similar titles or similar contents currently offered in other departments? If yes, explain how this course is different. Identify representatives from departments offering courses with similar titles or contents that have been made aware of, and have discussed this proposed course.

No. There is a course in Forensic Science offered in Criminal Justice, but bears no resemblance to this one.

- d. Identify who is likely to be the instructor of this course and the impact of this new course on the departmental teaching assignments.

The course will initially be team-taught by the following individuals:

Chris Baldwin, Brian Cooper, John Degenhardt, John Solum, Mark Leipnik, Gang Gong, and Justin Williams.

With the exception of Justin Williams (Biology), all of the faculty members listed above are in the Department of Geography and Geology. Each faculty member will be responsible for a proportionate segment of the course, and will need to be compensated accordingly. Because it is team-taught, and because of the recent addition of new faculty members, this course offering will not adversely affect teaching loads.

III. Course content

- a. List the course objectives:

The student should be able to:

- (1) identify criminal cases that have the potential to be solved, at least in part, by forensic geologists or geological methods*
- (2) identify a number of different ways in which specific geological or geographical technologies can be used in solving particular crimes*
- (3) describe case studies in which geological evidence has helped solve specific crimes*
- (4) evaluate crime scenes and be able to establish the proper sampling methods as well as processing and archiving geological material for crime analysis*

- b. Identify the proposed text(s) for the course (include author, title, date):

Evidence from the earth: forensic geology and criminal investigation (Raymond C. Murray), Mountain Press, 2004

c. Using a 15 week class schedule, identify the topics to be covered during each week of the semester.

Week 1	rocks, minerals, and pigments: origin and distribution
2	rocks, minerals, and pigments: identification
3	field and laboratory analysis of bedrock
4	field and laboratory analysis of bedrock
5	geologic and topographic maps, aerial photos and GPS
6	geologic and topographic maps, aerial photos and GPS
7	recognition and analysis of surficial deposits
8	recognition & analysis of geobiological material: microfossils
9	Recognition & analysis of geobiological material: pollen, hair, etc.
10	soils and soil analysis
11	collecting, processing and managing geologic evidence
12	remote sensing
13	remote sensing
14	GIS
15	GIS

IV. Information on the availability of and need for equipment and library resources required for the course.

a. In order for the library to better meet the needs of students who will enroll in this course, please indicate the types of resources you expect the student to use. This section is to help the library review the adequacy of the collection and plan for future allocation of resources to support this course.

Check all that apply:

<i>Types of print/electronic library resources needed</i>	
Scholarly, peer-reviewed journals	X
popular magazines	
newspapers	

trade journals	
books	
electronic databases	X
audio-visual	
other	

b. Please identify specific resources for this class that are not available in the Library. These resources could include but are not limited to journals (including electronic), encyclopedias, dictionaries, books, and electronic databases.

c. Identify the need for and the availability of equipment and technological resources.

Available in the Department or other campus departments:

- (1) petrographic microscopes (Geology)
- (2) remotely sensed images and computers (Geography)
- (3) hand-held GPS units (Geography)
- (4) portable x-ray diffraction unit (Geology)
- (5) automated sieve apparatus for particle size analysis (Geology)
- (6) scanning electron microscope (Biology)
- (7) ground-penetrating radar (Geology)
- (8) GIS lab (Geography)

Additional equipment needed for course start-up

- (1) portable photospectrometer
- (2) electrical conductivity system (EM-34)

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: Gel 332

Proposed Title: Forensic Geology

1. Results of the librarian's review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

A search of the Library's catalog revealed an adequate collection of recent books and government documents in geology and forensic science. The Library's electronic resources will provide access to full text journal articles. In addition to the full text databases, Academic Search Premier, and Wilson Omni Full-text, the Library provides access to GeoBase, an online bibliographic database covering geology and geography; SciFinder Scholar (chemistry and the life sciences), Biological Abstracts and Criminal Justice Periodical Index. The Library has access to ScienceDirect, Kluwer Online, and Wiley Interscience online journals; a keyword search of these databases indicates these resources can provide support for this course.

2. Identify additional resources that are likely to be needed, and the approximate cost of the materials.
3. Bibliographer's comments (state any concerns regarding the library's support of the course).

The Library can support this course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____
Library Director

FORM B
REQUEST FOR ADDITION OF A NEW COURSE

I. Course Identification

- a. Proposed prefix and number: Geo 436
- b. Proposed title: Urban Geography
- c. Proposed catalogue description: This course will introduce the scope and nature of urban areas from a geographical or spatial perspective. The course will focus on the spatial structure of urban areas and will examine the geography of cities using an urban systems approach. Emphasis will be placed on the North American city and its problems: land use, transportation, political fragmentation, physical environment, demographic and social change, economic dynamics, residential patterns, urban culture, poverty, etc. Trends in urbanization in both the developed and developing worlds will be discussed.
- d. Credit hours: 3
- e. May course be repeated for credit? No
- f. Maximum number of credit hours that can be earned: 3
- g. Is course eligible to receive a grade of IP? No
- h. Is this course exempt from the 3-peat charge? No ; If yes, justification:
- i. Is the proposed course writing enhanced? (applies only to undergraduate courses) No
- j. Prerequisites:
 - i. Course prerequisite(s): None
 - ii. Classification prerequisite: Junior
 - iii. Semester hour prerequisite: 64
 - iv. Companion course: None
- k. Identify the majors and/or minors this course will be required for: none
- l. Identify the majors and/or minors this course will be an elective for: Geography majors and minor, and any other programs for which a student may obtain approval

II. Statement of Need and Program Compatibility

- a. Explain in detail why this course is needed (including how the proposed course will support the present program curriculum).

This course is needed to strengthen and broaden the potential offerings available within the geography program. Many geography majors are interested in upper-level courses which incorporate particular emphasis on systematic dimensions within their field of study. Offering this course would provide such students the opportunity to be exposed to an exciting and important sub-field of geography. Perhaps more importantly, this course will incorporate foci on a number of methodological applications that are increasingly valued in the job market. For example, the course would tie in very well with the department's emphasis in Geospatial Technologies, a field that is currently generating demand for a large number of high-paying jobs that are available within a wide variety of economic sectors. The breadth of the course would make it applicable to students currently enrolled in a wide-variety of programs, such as business, sociology, political science, criminal justice, etc., as all of these fields of study are often related to urban geography. Also, if our proposed Masters Degree in Applied GIS (geographic information science) is approved, this course will constitute a 400-level elective for the graduate students enrolled in this program. In short, offering this course enables the University to serve its mission by offering students the opportunity to attain applied skills that will be beneficial to them once they graduate. Finally, by offering this course, the University would be capitalizing on the specific strengths of the geography faculty.

- b. Explain how the addition of this course will directly or indirectly influence subsequent changes in the curriculum.

This course will have no effect on subsequent changes in our curriculum. However, the proposed addition of this course is part of our department's goal of increasing the variety of courses offered in our curriculum, thereby making it more attractive to potential majors. This goal includes the creation of a "stand-alone program" that is not dependent for its existence on Education majors. However, we will continue to serve these majors through our traditional course offerings. This course also fits in our "applied focus", which is intended to increase job opportunities for our majors.

- c. Are courses with similar titles of similar contents currently offered in other departments? If yes, explain how this course is different. Identify representatives from departments offering courses with similar titles or contents that have been made aware of, and have discussed this proposed course.

No course in Urban Geography is currently offered within any program at Sam Houston State.

- d. Identify who is likely to be the instructor of this course and the impact of this new course on the departmental teaching assignments.

The faculty member that is scheduled to be responsible for this course is Dr. John B. Strait, a geographer whose expertise is oriented towards the study of Urban Geography. We plan to establish a course rotation sequence that will enable us to offer this course. However, because we are proposing 4 new undergraduate courses, we plan to use 1 or 2 adjuncts to help cover some sections of our introductory courses in order to free our existing faculty to teach the proposed upper-level courses. Only two of the proposed upper division courses would be taught in any semester. In a worst case scenario, in which no adjuncts were available, we could either combine two sections of our introductory courses (preferably), or eliminate 1 section of them to make it possible for us to offer the upper-level courses. * Two of the spouses of members of our department have advanced degrees in geography and want to work as adjuncts teaching geography courses. One is currently (spring 2007) teaching for us, and the other is scheduled to teach for us in the fall of 2007.

III. Course Content

- a. List the course objectives:

The objectives of this course will involve critically addressing, if not answering, the following set of questions:

- * How do urban areas function economically, socially and culturally?
- * What are some of the most serious urban problems facing our society today?
- * What, if anything, can be done to resolve these problems?
- * How and why have urban areas changed over time?
- * How and why are urban areas in the U.S. different than urban areas elsewhere?
- * How will our cities operate in the future and what will they look and feel like?
- * What geospatial technologies offer effective methods to study urban issues?

- b. Identify the proposed text(s) for the course (include author, title, date):

Authors	Title And Publisher	Year
D. Kaplan, J. Wheeler, and S. Hollander	<i>Urban Geography</i> . John Wiley and Sons: New York, NY.	2004

- c. Using a 15 week class schedule, identify the topics to be covered during each week of the semester:

Week 1	Introduction: What is urban geography? - Origin and Evolution of urban geography; The Four Traditions; Substantive Trends; GIS and urban geography
Week 2	Origins and Development of Cities - Theories of Urban Origins; Patterns of Urbanization; Cities as Engines of Economic Growth
Week 3	Evolution of the American Urban System - American Urban Hierarchy; Urban Growth in America; Contemporary Urban-Economic Restructuring
Week 4	Globalization and the Urban System - World Cities; Economic, Social and Cultural Globalization and Urbanization; The Information City
Week 5	Urban Land Use - CBD Centrality; CBD decline and suburbanization; Edge Cities; Central City Revitalization
Week 6	Landscapes of Production - Basic vs. Non-basic Activities; Inter-urban economic location; Intra-urban economic location
Week 7	Urban Social Geography - Ecological Approach to cities; Traditional Models of Urban Spatial Structure; Factorial Ecology
Week 8	Urban Housing Markets - Housing as a commodity; Debates over Equal Access to Housing; Public Housing and Governmental Intervention; Gentrification and Sprawl
Week 9	Segregation, Race and Urban Poverty - Current Patterns of Racial Segregation; Race and the North American Ghetto; Poverty and the City; Urban Crime
Week 10	Immigration, Ethnicity and Urbanism - The era of immigration and the urban U.S.; The impact of ‘New’ immigration; Latino Migration and its impact on cities; New Asian immigration
Week 11	Metropolitan Governance - Urban Government and the Growth of Services; Stages in Urban Governance; Contemporary Fragmentation; Urban Planning
Week 12	The Urban Environment - Ecological impact of urbanization; Urban micro-climates; Green Spaces
Week 13	Cities in the Developed World - Western European Cities; Cities in Post-Communist Eastern Europe; Cities in Japan
Week 14	Cities in the Less Developed World - The new urban majority; Origins of Third World Urbanization; Characteristics of Third World Urban areas
Week 15	Regional Variation in Urban Structure and Form - The Latin American City; Sub-Saharan African Cities; South Asian Cities; Southeast Asian Cities

IV. Information on the Availability of and Need for Equipment and Library Resources required for the Course.

- a. In order for the Library to better meet the needs of students who will enroll in this course, please indicate the types of resources you expect the students to use. This

section is to help the Library review the adequacy of the collection and plan for future allocation of resources to support this course.

Check all that apply:

<i>Types of print/electronic library resources needed</i>	
Scholarly, Peer-Reviewed Journals	<i>Urban Geography; Economic Geography</i>
Popular Magazines	
Newspapers	<i>Houston Chronicle, New York Times</i>
Trade Journals	
Books	<i>Interpreting the City. American Space/American Place: Geographies of the Contemporary United States</i>
Electronic Databases	
Audio Visual	
(other)	

b. Please identify **specific** resources for this class that are not available in the Library. These resources could include but are not limited to journals (both print and electronic), encyclopedias, dictionaries, books, and electronic databases.

c. Identify the need for and the availability of equipment and technological resources.

No particularly equipment is necessary beyond that already available in the Geography and Geology Department.

After this form has been completed, contact a Bibliographer/Librarian to complete the Library Collection Review (LCR) form. The LCR form should be attached to Form B before the proposal is forwarded to your College Curriculum Committee.

LIBRARY COLLECTION REVIEW for PROPOSED COURSE

Proposed Course Prefix and Number: Geo 436

Proposed Title: Urban Geography

4. Results of the librarian's review of the adequacy of library holdings to support the proposed course content areas and assignments. Please be specific, and indicate whether the subject areas of the course require new expenditures, or are already included in the collection due to library support of courses with similar information needs.

The Library's collection of books, journals and newspapers can support the information needs of the students taking this course. The Library provides access to the journals Urban Geography and Economic Geography in print and online; as well GeoBase, an online bibliographic index, and several full text databases, including Academic Search Complete which will support the research needs of the students in this course. The Library also provides access to the Houston Chronicle and The New York Times in print and online. The Library has recently acquired access to Sage journals full-text; a number of the journals will support this course. The Library's information resources include a large collection of online U. S. and international newspapers in America's Newspapers and Lexis-Nexis Academic Universe. The Library has both books listed and the book collection is sufficient to support this course.

5. Identify additional resources that are likely to be needed, and the approximate cost of the materials.
6. Bibliographer's comments (state any concerns regarding the library's support of the course).

The Library can support this course.

Signed: _____ Date: _____
Bibliographer

Signed: _____ Date: _____
Library Director