Minutes of CLAS Courses & Curriculum Committee Meeting

October 22, 2002 (Approved October 31, 2002)

Present:

Committee members Andrea Calabrese (Linguistics), Ellen Cromley (Geography), Arnie Dashefsky (Sociology), Robert Henning (Psychology, CLAS C&C Chair), Ray Joesten (Geology), Jane Knox (Chemistry), Gerald Leibowitz (Mathematics), Jocelyn Linnekin (Anthropology), Veronica Makowsky (Associate Dean), Marita McComiskey (Women's Studies), Thomas Roberts (English), Shirley Roe (History), Annelie Skoog (Marine Sciences), Thomas Terry (Molecular and Cell Biology), Evelyn Simien (Political Science), Kentwood Wells (Ecology and Evolutionary Biology).

Visitors Sigrid Beck (Linguistics), Carol Lewis (Political Science), Ed Benson (Critical Languages Program).

Absent:

Paul Bloomfield (Philosophy), John Breen (Journalism), Carl Coelho (Communication Sciences), Joseph Crivello (Physiology and Neurobiology), William Hines (Physics), Stuart Miller (Modern and Classical Languages), Stephen Sacks (Economics), Richard Vitale (Statistics).

1. The meeting was convened at 3:39 p.m. in Room 162 of the Dodd Center.

Preliminaries

2. Ellen Cromley was appointed Secretary pro tem.

3. A revised agenda was distributed for the meeting to defer Proposals 2002-96 Add PHIL 302 and 2002-151 Add a Minor in Urban and Community Studies and to add Proposals 2002-152 Drop HIST 208 and 2002-153 Change the HIST Major.

4. Changes were made to the minutes of the meeting of October 8, 2002, including corrections to the list of participants. Corrections were also made to the approved catalog copy as reported in the minutes for Proposals 2002-87, 2002-88, and 2002-89 to change "WS 266" to "WS 260" in the proposals to cross list the Women's Studies course with PRLS 264 and COMM 233. The minutes of the October 8, 2002, meeting were approved, as corrected.

5. The Chair asked Thomas Terry to report on the meeting of the CLAS Courses and Curriculum subcommittee appointed to recommend improvements to the Committee's Web site. Professor Terry reported that the subcommittee had met once on October 22, 2002, and was planning to meet with CLAS staff responsible for maintaining the Web site, to prepare some samples of a re-designed Web page, to develop a proposal for a Web site that would support input of information for course change proposals, and to develop instructions for the steps involved in developing CLAS Courses and Curriculum proposals and submitting approved changes to other university offices such as the Registrar's Office.

Old Business

6. The following items of old business were considered:

2002-96 Add PHIL 302. Deferred to the meeting of November 12, 2002.
Add LING 110Q. Professor Beck presented the proposal to add a new course with the skill designation and, in a separate request, to add the course to the list of courses that satisfy a non-laboratory science course requirement in Group 8 of the College of Liberal Arts and Sciences requirements. The Committee noted that the Senate must approve the addition of 100-level courses and the skill designation. Professor Beck provided copies of the proposal submitted to the Senate Courses and Curriculum Committee. The Committee only approved the course proposal:

Approved Catalog Copy.

LING 110Q. The Science of Linguistics

Either semester. Three credits. *Staff*

An introduction to linguistics as a science. Methods, findings and theory of linguistic research on the sound system and the structures of human language. The relation between structure and meaning. The basics of linguistic analysis. Applied linguistics.

After some discussion, the request to add LING110Q to Group 8 in the College requirements was tabled. The Committee asked for a clarification of the guidelines for including courses in Group 8. A formal proposal must also be submitted electronically.

The four history proposals (2002-108, 2002-109, 2002-152, and 2002-153) were moved to be treated as a group.


The course has not been taught in several years and there are no plans to offer it in the future.

2002-153 Change in HIST Major. Approved.

The changes in courses in distribution groups are needed to reflect History courses that have been added and dropped. The proposal adds History 257 to Group A, adds History 253 to Group B, adds History 206, 253, 260, 268, 278, and 284 to Group C, and adds History 253 to Group D. The proposal drops History 208 from Group B.

Approved Catalog Description of the Major:

History

The study of history aims at the understanding and disciplined reconstruction of past human activities, institutions, ideas, and aspirations in the light of present knowledge and in the hope of usefulness for the future. History belongs both to the humanities and to the social sciences. It is studied both for its own sake and for the light it throws on the present problems and future prospects of particular societies and of humankind in general.
A major in history in combination with work in foreign languages, philosophy, literature, and the social sciences provides a broad foundation for informed citizenship. History majors find employment in many fields of human endeavor from arts and business to public service and zymurgy. Specialization in history is especially valuable as pre-professional training for law, government, diplomacy, and journalism and for library, archival, and museum administration.

Honors students who plan to major in history will normally take History 203.

**Requirements for the Major in History:** Undergraduate majors are required to take at least 27 credits in 200-level courses, which must include one three-credit course from each of Groups A, B, and C, and two three-credit courses from Group D. All majors must take HIST 211 in the semester following their declaration as majors, and all majors except Honors students must take HIST 297W in their senior year. With the consent of the undergraduate major's advisor, 300-level courses may be used to fulfill the distribution requirement.

**Group A - Ancient, Medieval, and Early Modern**

**Group B - Modern Europe**

**Group C - United States**

**Group D - Africa, Asia, Latin America, and Middle East**

With the approval of the department head, HIST 292W, HIST 295W, HIST 298, and HIST 299 may be related to the chronological or geographical categories and be counted for credit in that category.

A minor in History is described in the "Minors" section.

**2002-108 Change in HIST Minor. Approved.**

The changes in courses in distribution groups are needed to reflect History courses that have been added and dropped. The proposal adds History 257 to Group A, adds History 253 to Group B, adds History 206, 253, 260, 268, 278, and 284 to Group C, and adds History 253 to Group D. The proposal drops History 208 from Group B.

Approved Catalog Description of the Minor.

**History**

Students must pass five courses (15 credits) from at least two Distribution Groups (A-D). One of the five courses must be from the basic courses listed below. At least one of the additional four courses must be in a Distribution Group other than that of the basic course.
Basic Courses


Distribution Group B: 228, 228W, 229W


Distribution Group D: 204, 205, 222, 223, 281, 282, 287, 288

Four additional courses must be taken from the Optional List that follows. One of these optional courses must be in a distribution group other than the distribution group within which the basic course is taken.

Optional List of Courses


Note: HIST 211 and 297W may also be taken as part of the minor.

The minor is offered by the History Department.

Minor Plan of Study.
15 credits required with at least one three-credit course in two of the History Distribution Groups. One course must be drawn from the Basic Courses for the Minor. A minimum grade of 2.0 is required for each course. Transfer students can apply no more than one course towards the minor.

Basic Courses for the History Minor:


Group B: 228, 228W, 229, 229W


Group D: 204, 205, 222, 223, 281, 282, 287, 288

History Distribution Groups:

GROUP A - Ancient, Medieval, and Early Modern

200W 203 212W 213 214 216 218 219 220 250 251 255 257 261 263 266 267 271 272 273 274 278 293 296 297W 298 299 3XX (____)

GROUP B - Modern Europe

200W 203 206(Science 206) 207W 209(HDFR 279) 225 226 228 229 252 253 254W 256 258 259 262 264 269 279 291 293 295W 296 297W 298 299 3XX (____)

GROUP C - United States


GROUP D - Africa, Asia, Latin America, and Middle East

200W 204 205 222 223 224 226 253 275 277 280 281 282 283W 285 286 287 288 289 290 293 296 297W 298 299 3XX (____)

American Studies 290

211 (May not be repeated for credit):

_______________________________________________(Title)

200W, 297Ws, 298s, 299s, 300s:

Semester and Year Number Section Title Group
2002-109 Change Course Title and Course Description for HIST 237. Approved.

The proposed change to the title and course description better reflect the content of the course as it is currently taught.

Approved Catalog Copy.

**HIST 237. American Indian History**

Either semester. Three credits.

Surveys American Indian history in what is now the United States from pre-columbian times up to the present. Cultural diversity among Indian peoples, the effects of European contact, tribal sovereignty, and other current issues.

2002-110 Change Course Description for GEOL 344. Approved.

The proposed change to the catalog copy better describes the course as it is currently taught.

Approved Catalog Copy.

**GEOL 344. Environmental Geology**

Explores the interrelationships amongst geologic conditions and processes, human activities and environmental conditions. 3 credits, Lecture, Instructor consent required.

2002-111 Change Course Description and Add a Registration Restriction for CHEM 295. Approved.

The proposed change is requested because reports are no longer a part of the course. The registration restriction allows Chemistry majors to register without having to obtain consent to take the course on an individual basis. For the Committee's information, the Chemistry Department will submit the proposal to the Senate Scholastic Standards Committee for approval for S/U grading.

Approved Catalog Copy.

**CHEM 295. Undergraduate Seminar**

First semester. One credit. Open only to chemistry majors or with consent of instructor. With a change of subject, this course may be repeated once for credit.

Discussions of topics relevant to further study and work in the field of chemistry.
2002-112 Changes to courses requiring Senate approval. Approved.

Submitted to Senate Courses and Curriculum Committee to retain Open to Sophomore designation following a change in corequisite or prerequisite of CHEM 243 to a prerequisite only. Course description also now indicates either semester.

Approved Catalog Copy.

CHEM 240. Organic Chemistry Laboratory

Either semester. One credit. One 4-hour laboratory period. Not open for credit to students who have passed CHEM 245. Prerequisite: CHEM 243. This course is open only to Chemical Engineering or Biomedical Engineering majors or by consent of instructor. Open to sophomores.

Introduction to techniques, manipulations, calculations and spectroscopy.

Submitted to Senate Courses and Curriculum Committee for approval of changes in course description and addition of course restriction in a 100-level non-laboratory course in Group 8 of the General Education Requirements.

Approved Catalog Copy.

CHEM 101. Chemistry for an Informed Electorate

Either semester. Three credits. Three class periods. Not open to students who have passed CHEM 122, 127, 129, 137 or 153.

Basic concepts and applications of chemistry. Contributions of chemistry to our everyday lives. Chemical issues and problems in our society. Designed for students in fields outside of science. Assumes no prior knowledge of chemistry.

New Business

7. The following items of new business were considered:

2002-113 Add POLS 3XX. Approved.

Approved Catalog Copy.

POLS 3XX. Applied Methods for Public Administration I

Research design for organizational management and policy analysis and evaluation. How to communicate, execute and evaluate research. Skills in selecting appropriate analytic procedures and properly integrating and reporting results.

3 credits, Seminar.

2002-114 Change course title and description of POLS 376. Approved.

The proposed change is requested so that POLS 376 can become the second course in a two-course sequence as part of the core requirements for the Masters in Public Administration Program.

Approved Catalog Copy.
**POLS 376. Applied Methods for Public Administration II**

Statistical reasoning, tools, and techniques for effective public management.

*3 credits, Seminar.*

**2002-115 Add POLS 2XX. Approved.**

The Committee noted that this course has been offered under a variable topics number. If the course is taught at the same time as the graduate course with the same content, students taking the course for undergraduate credit will be evaluated differently from students taking the course for graduate credit.

Approved Catalog Copy.

**POLS 2XX. Capital Financing and Budgeting**

Either semester. Three credits. *Staff.*

An examination of the municipal bond market, capital budgeting techniques, and related public policy issues.

**Geology Proposals.** The Department of Geology presented 31 course proposals for consideration. Many of these proposals involved dropping an existing 200-level course, adding a revised 200-level course, and adding a 300-level course that could be taught at the same time as the new 200-level course. Therefore, these proposals were considered in blocks of three courses. The Committee noted that evaluation of students taking a course for undergraduate credit would be different from evaluation of students taking the 300-level version of the course.

The Committee noted that dropping and adding courses would require changes to the Geophysics Major and Minor descriptions in the Catalog that are not addressed in the course proposals submitted.

**2002-116 Drop GEOL 261. Plate Tectonics. Approved.**

**2002-117 Add GEOL 271. Approved.**

Approved Catalog Copy.

**GEOL 271. Plate Tectonics and Geologic Processes**

(Formerly offered as GEOL 261.) Second semester. Three credits. Prerequisites: GEOL 250 and 252, which may be taken concurrently. Not open for credit to students who have passed GEOL 261. Understanding the structure and composition of the Earth's lithospheric plates using geological and geophysical techniques and analyses of magnetic anomalies, ocean floor sediments and the geologic history of the continents. Emphasis on the interaction of geologic and plate processes, especially along plate boundaries.

**2002-118 Add GEOL 371. Approved.**

Approved Catalog Copy.

**GEOG 371. Plate Tectonics and Geologic Processes**
Analysis of the Earth's lithosphere using geologic and spherical geometric techniques. Emphasis on the interaction of geologic and plate processes, especially along plate boundaries.

3 credits, Lecture.


2002-120 Add GEOL 274Q. Approved. The Committee noted that University Senate approval is also required for skills designation.

Approved Catalog Copy.

GEOL 274Q. Physics of the Earth's Interior

(Formerly offered as GEOL 264Q.) First semester. Three credits. Prerequisite or corequisite: PHYS 123 or 132 or 142 or 152, which may be taken concurrently. Not open for credit to students who have passed GEOL 264Q.

The composition, structure, and dynamics of the Earth's core, mantle, and crust inferred from observations of seismology, geomagnetism, and heat flow.

2002-121 Add GEOL 374. Approved.

Approved Catalog Copy.

GEOL 374. Physics of the Earth's Interior

The composition, structure, and dynamics of the Earth's core, mantle, and crust inferred from observations of seismology, geomagnetism, and heat flow.

3 credits, Lecture.

2002-122 Drop GEOL 266Q. The Earth, Moon, and Planets. Approved.

2002-123 Add GEOL 276Q. Approved. The Committee noted that University Senate approval is also required for skills designation.

Approved Catalog Copy.

GEOL 276Q. Fundamentals of Planetary Science

(Formerly offered as GEOL 266Q.) Second semester. Three credits. Prerequisite or corequisite: PHYS 123 or 132 or 142 or 152, which may be taken concurrently. Not open for credit to students who have passed GEOL 266Q.

Evolution of the solar systems, celestial mechanics, tidal friction, internal composition of planets, black-body radiation, planetary atmospheres.

2002-124 Add GEOL 376. Approved.
GEOL 376. Fundamentals of Planetary Science

Evolution of the solar systems, celestial mechanics, tidal friction, internal composition of planets, black-body radiation, planetary atmospheres. 3 credits, Lecture.


2002-126 Add GEOL GEOL 277Z. Approved. The Committee noted that University Senate approval is also required for skills designation.

GEOL 277Z. Exploration and Engineering Seismology (Q, W, C)

(Formerly offered as GEOL 277Z.) First semester. Three credits. Two class periods and one 3-hour laboratory. Prerequisite or corequisite: PHYS 123 or 132 or 142 or 152, which may be taken concurrently.

Principles of seismic methods for imaging the interior of the earth, with applications to resource exploration and environmental problems.


GEOL 377. Exploration and Engineering Seismology

Theory of elasticity applied to wave propagation; equations of motion; reflection and refraction of elastic waves; velocity analysis and fundamental petrophysics; and principles of detecting subsurface interfaces and structures. 3 credits, Lecture and one 3-hour laboratory. Recommended preparation: A course in differential equations.


2002-129 Add GEOL 277Z. This proposal was identified as a duplicate of Proposal 2002-126, already approved.

2002-130 Add GEOL 278Z. Approved. The Committee noted that University Senate approval is also required for skills designation.

GEOL 278Z. Applied and Environmental Geophysics (Q, W, C)

(Formerly offered as GEOL 268Z.) Second semester. Three credits. Two class periods and one 3-hour laboratory. Prerequisite: PHYS 123 or 132 or 142 or 152.

Principles of imaging the Earth’s interior using observations of electric, magnetic, and gravity fields, with applications to environmental problems.

GEOL 378. Applied and Environmental Geophysics

Potential theory (gravity, static electric and magnetic fields), electromagnetic coupling, Maxwell's equations; electromagnetic wave propagation; principles of detection of subsurface interface and structures by geophysical methods.

3 credits, Lecture and one 3-hour laboratory. Recommended preparation: A course in differential equations.

The following two proposals were considered together.


2002-133 Add GEOL 314. Approved. This course replaces GEOL 335, adds a laboratory, increases the number of credit hours, and adds a registration restriction.

GEOL 314. Igneous Petrology

Introduction to igneous rocks, physical and chemical principles governing their formation. Fluid mechanics of magmas, heat transfer, thermodynamics, phase equilibria, isotope geochemistry, and the relation of magmatism to plate tectonics. Optical microscopy, x-ray fluorescence, and electron microprobe analysis. Prepare a paper suitable for publication in a scientific journal.

4 credits, Lecture and one 3-hour laboratory. Not open for credit to students who have passed GEOL 214 or GEOL 335.

The following two proposals were considered together.


2002-135 Add GEOL 315. Approved. This course replaces GEOL 336, adds a laboratory, and adds a registration restriction.

GEOL 315. Metamorphic Petrology

Interpretation of mineralogical, chemical and textural features of metamorphic rocks based on physical conditions and dynamic processes operating in the Earth's crust. Thermodynamic description of phase equilibria in fluid-rock systems. Kinetics, mass and energy transport in metamorphic processes. Petrographic and x-ray analytical techniques.

3 credits, Lecture and one 3-hour laboratory. Not open for credit to students who have passed GEOL 215 or GEOL 336.

The following two proposals were considered together.
Add GEOL 317. Approved.

GEOL 317. Advanced Structural Geology
Application of finite and incremental strain analyses using advanced geometric techniques.
3 credits. Lecture and one 3-hour laboratory. Not open for credit to students who have passed GEOL 217.

Drop GEOL 331. Structural Petrology. Approved. This course is replaced in part by GEOL 317.

Change course title for GEOL 250. Approved. The proposal adds the words "and Global Change" to the course title.

GEOL 250. Earth History and Global Change
Second semester. Three credits. Two class periods and one 3-hour laboratory. Prerequisite: GEOL 102. Required of all Geology majors.
Reconstruction of earth history from geological data. Processes and events responsible for the stratigraphic record and techniques used to decipher it. An integrated survey of earth history. One or more weekend field trips may be required.

The following three proposals involving dropping graduate courses were considered as a group.

Tectonophysics. GEOL 333. Approved. The course is replaced by GEOL 371, added in Proposal 2002-118.

Drop GEOL 363. Earth Gravity. Approved. The course has not been taught recently and content is covered in other existing courses and courses proposed at this meeting of the Committee.

Drop GEOL 364. Geomagnetism. The course has not been taught recently and content is covered in other existing courses and courses proposed at this meeting of the Committee.

Change course description of GEOL 217 to drop recommended preparation. Approved.

GEOL 217. Advanced Structural Geology
Second semester. Three credits. Two class periods and one 3-hour laboratory period. Prerequisite: GEOL 252. Crespi
Mechanics of rock deformation. Material behavior of rocks and their geometry during orogenesis, with applications of finite strain analysis, and advanced geometric techniques. One or more weekend field trips may be required.

Change course description of GEOL 375 to simplify course description. Approved.
GEOL 375. Geophysical Inverse Theory

Fitting geophysical model parameters to data. Topics include model uniqueness, resolution, and error estimation. 3 credits, Lecture.

2002-144 Add GEOL 257. Approved.

Approved Catalog Copy.

GEOL 257. Field Problems in Earth Structure

First semester. One credit. Two weekend field trips and two 2-hour class meetings. Prerequisite or corequisite: GEOL 252.

Mapping techniques and map interpretation using concepts developed in GEOL 252. Emphasis on mapping moderately deformed rocks in which sedimentary and tectonic features can be differentiated.

2002-145 Add GEOL 352. Approved.

Approved Catalog Copy.

GEOL 352. Seminar in Structural Geology

Readings and discussions of recent advances in structural geology. 3 credits, Seminar.

2002-146 Add GEOL 353. Approved.

Approved Catalog Copy.

GEOL 353. Seminar in Tectonics

Readings and discussions of recent advances in tectonics. 3 credits, Seminar.

2002-147 Change prerequisites for elementary and intermediate level courses as described in the catalog copy for the Critical Language Program (CLRP). Approved. The prerequisites make it clear that the courses must be taken in sequence. The approved copy below is to be included in the Undergraduate Catalog. The Committee also viewed course descriptions from the on-line catalog provided by Ed Benson and approved the proposed changes to course descriptions in the on-line catalog to be forwarded by Ed Benson to the appropriate office for correction of the on-line catalog.

Approved Catalog Copy. The approved catalog copy immediately below replaces only the corresponding section in the catalog description of the Critical Language Program, not the entire description of the program:

The Critical Language Program is designed to offer basic language instruction (four semesters) in languages not currently offered as major fields of study in the Department of Modern and Classical
Languages. The most common languages taught at the University of Connecticut are listed in the footnote below. Other languages may be offered based upon student interest and demand. Critical Languages may be used to fulfill the foreign language requirement.

*101-102 Elementary Levels I and II

*103-104 Intermediate Levels I and II

Either semester. Four credits each semester. Four 1-hour class periods and a 1-hour laboratory practice unless taught in self-study format. Prerequisite: 103 or the equivalent for 104; 102 or the equivalent for 103; 101 or the equivalent for 102. 101 is reserved for those with no prior contact with the language.

2002-148 Add PSYC 301. Approved.

Approved Catalog Copy.

PSYC 301. Special Topics in Psychology

Selected topics in psychology are studied with particular attention to recent developments in the field.

1-6 credits, Seminar. Instructor consent required. May be repeated for credit with a change in content.

2002-149 Change PSYC 370. The Chair made a request to defer this proposal to the November 12, 2002 meeting of the Committee.

2002-150 Change COMM major. Approved. The change to the major was requested to add language to the catalog copy to describe more clearly the specific criteria used by the Department to decide on admittance of students to the major.

Approved Catalog Copy. The approved catalog copy immediately below replaces only the corresponding section in the catalog description of the major, not the entire description of the major:

Students must apply to the department to become a Communication major. The deadline for applications to become a Communication major for a semester is the end of the second week of classes. Applications are accepted for Fall and Spring semesters. Students typically apply Spring semester of their Sophomore year. Forms can be obtained outside Room 223 PCSB, on the department website, and from Communication faculty at the Stamford Regional Campus.

The decision to admit will depend on several criteria:

Successful completion of at least 54 credits;

GPA of at least 2.8;

Successful completion of COMS 102

The applicant's academic record and space availability will also be considered.
We recommend that students interested in majoring in Communication complete COMS 105 and COMS 135 before junior year, if possible.

2002-151 Add a minor in Urban and Community Studies. The proposal was deferred to the November 12, 2002 meeting of the Committee at the request of Peter Halvorson.

Adjournment

8. The meeting was adjourned at 5:30 p.m.

Respectfully submitted,

Ellen K. Cromley

Secretary pro tem