Liberal Arts Distribution Requirements
Report of Committee on Interim Core Curriculum for SAS

Amended version, approved on May 3, 2006 by FAS Faculty

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Committee on Interim Core Curriculum
Chair: Gretchen, Chapman Psychology gbc@rci.rutgers.edu
Dennis Bathory, Political Science and Chair of the FAS Standing Curriculum Committee
Warren Crown,Graduate School of Education
Stephen Greenfield, Mathematics
Max Haggblom, Cook College
Paul Kantor, CILS
Marc Kollar, Ernest Mario School of Pharmacy
Pat Mayer, Mason Gross School of the Arts
Kenneth G. Miller, Geological Sciences
Richard E. Miller, English
Lenore Neigeborn, Rutgers College
Ben Sifuentes, American Studies
Victoria Ukachukwu, University College
Drew Vershon, MBB and Waksman Institute
Paula Voos, School of Management and Labor Relations
FAS Liaisons: Michael Beals beals@fas.rutgers.edu
Susan Lawrence slawrence@fas.rutgers.edu

	Requirement	Credits
V1	Writing Requirement	6
V2	Quantitative Reasoning Requirement	6
V3	Natural Sciences Requirement	6
V4	Social Sciences & Humanities Requirement	12
V5	Diversity Requirement	3
V6	Global Awareness	3
		36 total credits

V1 Writing Requirement

Expository Writing 101 and one course, credit-bearing and worth at least 3 credits, from a list of approved courses. Students receiving a score of 4 or above on the AP English Composition Test are exempted from Expository Writing 101, and for such students the writing requirement becomes a 1-course requirement. Transfer credits from courses taken in high school will not satisfy this requirement, even if they carry a college transcript.

Writing courses on the approved list consist of courses nominated by departments. Such courses are above the 100 level, require 15 pages or more of writing in English (excluding exams), including at least one sustained piece of analytical or interpretive prose, and provide regular detailed feedback on writing.

[List currently in progress. Nominations for courses to be added or dropped from the list will be solicited from departments during summer 2006 and at regular intervals thereafter.]

V2 Quantitative Reasoning Requirement

2 courses, each credit-bearing and worth at least 3 credits, consisting of 1 course in Mathematics (640) and 1 course in mathematics or some discipline specific course strongly emphasizing either analytic or quantitative methods.

Students who place into calculus on the Mathematics Placement exam are exempt from taking the 640 course, and for such students, the quantitative reasoning requirement becomes a one-course mathematics or discipline specific course requirement. Students who use calculus placement to satisfy the Mathematics requirement may not use precalculus to satisfy the second part of this requirement. Transfer credits from courses taken in high school will not satisfy this requirement.

Courses applicable to the quantitative reasoning requirement:

All 198 (Computer Science) courses
All 640 (Mathematics) courses
All 960 (Statistics) courses
All 711 (Operations Research) courses

01:070:335	Analysis of Archeological Data
01:070:395	Archeological Data
04:192:300	Communication Research
01:377:275	Statistical Approaches to Exercise Science
01:450:319	Quantitative Methods in Geography
01:450:320	Spatial Data Analysis
01:450:330	Geographical Methods
01:730:201	Introduction to Logic
10:762:395	Research Methods
01:790:300	Intro to Political Science Methods
01:830:200	Quantitative Methods in Psychology
01:830:300	Research Methods in Psychology
01:920:311	Intro to Social Research
01:920:312	Computer Analysis of Social Science Data
10:975:205	Basic Statistical Methods for Urban Studies and Community Health

[Nominations for courses to be added or dropped from the list will be solicited from departments during summer 2006 and at regular intervals thereafter.]

V3 Natural Sciences Requirement

Two courses, each credit-bearing and worth at least 3 credits, chosen from: Biological Sciences (119, 146, 447, 694), Chemistry (160), Geological Sciences (460), Marine and Coastal Sciences (628), Meteorology (670), and Physics (750), plus a list of select courses noted below Courses need not be in the same subject. Independent study, internships, and research courses may not be used to fulfill this requirement.

Courses applicable to the natural sciences requirement

Biological Sciences (all 119, 146, 447, 694)
Chemistry (all 160)
Geological Sciences (all 460)
Marine and Coastal Sciences (all 628)
Meteorology (all 670)
Physics (all 750)

01:070:102 Introduction to Human Evolution
01:070:204 Introduction to Social Evolution
01:070:212 Survey of the Living Primates
01:070:213 Environment and Human Evolution
01:070:215 Survey of Fossil Primates
01:070:240 Intro to Molecular Evolutionary Anthropology
01:070:325 Evolution & Culture
01:070:348 Primate Socioecology
01:070:349 Advanced Physical Anthropology
01:070:350 Primatology and Human Evolution
01:070:354 Functional and Developmental Anatomy of the Primate Skeleton
01:070:355 Lab in Skeletal Biology of Primates
01:070:356 Human Variation
01:070:358 Introduction to Human Osteology
01:070:359 Human Osteology Laboratory
01:070:390 Plio-Pleistocene Hominid Anatomy
01:070:420 Evolutionary Genetics: Humans and Other Primates
11:375:101 Introduction to Environmental Sciences
11:375:102 Soils and Society
11:375:103 Introduction to Environmental Health
11:400:103 Science of Food
11:709:255 Nutrition and Health

[Nominations for courses to be added or dropped from the list will be solicited from departments during summer 2006 and at regular intervals thereafter.]

V4 Social Sciences, Humanities, and Interdisciplinary Requirement

Four courses, each credit-bearing and worth at least 3 credits, in the Humanities and Social Sciences, with at least 3 credits from each of the three subdivisions shown below. [Departments/programs will be switched from one list to another at their request.]

Humanities

013 Africana Studies: African Languages and Literatures
078 Armenian
07:080 Art, Visual (non-studio)
07:081 Art (non-studio)
082 Art History
145 Catalan
165 Chinese
190 Classical Humanities
195 Comparative Literature
07:203 Dance (non-studio)
07:206 Dance (non-studio)
350 English
351 English: Topics
353 English: Literary Theory
354 English: Film Studies
420 French
470 German
489 Greek, Modern
490 Greek, Ancient
505 Hindi
535 Hungarian
560 Italian
565 Japanese
574 Korean
580 Latin
615 Linguistics
07:700 Music (non-studio)
730 Philosophy
787 Polish
810 Portuguese
840 Religion
860 Russian
940 Spanish
07:965 Theater Arts (non-studio)
07:966 Theater Arts (non-studio)
967 Ukrainian

Social Science

070 Anthropology*
04:189 & 192 Communication
202 Criminal Justice
220 Economics
05:300 Education
450 Geography
37:575 Labor Studies and Employment Relations
10:762 Planning and Public Policy
790 Political Science
830 Psychology
10:832 Public Health
920 Sociology

Additional Social Science Courses
01:556:220 Intro to Science, Technology, & Society
01:556:404 Topics in Science, Technology, & Society

*Excluding Anthropology (070) courses that can satisfy the natural science requirement (see list under V3). Those courses cannot be used to satisfy the social science requirement.

Interdisciplinary Humanities & Social Science

014 Africana Studies
016 African Area Studies
050 American Studies
098 Asian Studies
175 Cinema Studies
214 East Asian Languages and Area Studies
360 European Studies
506 History: General/Comparative
508 History: African, Asian, and Latin American
510 History: European
512 History: American
513 History/French
514 History/Political Science
-----* Italian Studies
563 Jewish Studies
590 Latin American Studies
667 Medieval Studies
685 Middle Eastern Studies
836 Puerto Rican and Hispanic Caribbean Studies
925 South Asian Studies
988 Women's and Gender Studies

[Nominations for courses to be added or dropped from the list will be solicited from departments/programs during summer 2006 and at regular intervals thereafter.]

V5 Diversity Requirement

One course, credit-bearing and worth at least 3 credits, from an approved list of courses. Courses fulfilling this requirement engage students in theoretical issues and political debates pertaining to questions of "diversity," namely race, ethnicity, language, migration and diasporas, gender, and sexualities. These courses must juxtapose two or more visions or methods which would enable an understanding of an increasingly globalized world. Sample topics include the following: histories of religion, social movements, cultural conflicts, racial tensions, visual culture and representation of transnational identities and differences, international feminisms, and sexual prejudice. Study abroad does not ipso facto satisfy this requirement, although individual courses taken abroad may qualify.

[List currently in progress. Nominations for courses to be added or dropped from the list will be solicited from departments/programs during summer 2006 and at regular intervals thereafter.]

V6 Global Awareness Requirement

One course, credit bearing, worth at least 3 credits, from an approved list of courses.
The Global Awareness requirement promotes enhanced knowledge of the interconnectedness of the world's peoples, cultures, environments, regions, or nations whether historically, politically, economically, socially, linguistically, technologically, ecologically, or epidemiologically. Courses in this category deepen area based knowledge and encourage analysis of global or transnational processes. They help students to recognize the need for an understanding of local, regional, international, transnational and/or global dynamics that inhibit or promote solutions to contemporary world problems. Introductory language courses do not fulfill this requirement.

[List currently in progress. Nominations for courses to be added or dropped from the list will be solicited from departments/programs during summer 2006 and at regular intervals thereafter.]

Mathematics Proficiency Requirement
Algebra II required for admission.

Require proficiency in intermediate algebra (students placed into IAL or below by the Mathematics Department placement exam must pass the appropriate courses or otherwise demonstrate proficiency).

The Committee on Non-Traditional Students will consider whether this requirement should be modified for those students.

Foreign Language Policy

Two years of a high school foreign language or one year of college-level foreign language or demonstrated proficiency in the elementary level of a language other than English, sufficient to enroll in an intermediate level course, required for admission.

Students with two or more years of a foreign language in high school or whose native language is other than English may not receive degree credit for first-year or elementary level courses or courses numbered below their placement in that language. Degree credit in that language begins with an intermediate or review course even if the Rutgers Placement Test indicates elementary level placement or if there has been a hiatus in language study.

The Committee on Non-Traditional Students will consider whether this requirement should be modified for those students.

Majors & Minors

SAS students must declare and complete a major and a minor from the following list of

disciplines composed of (1) all majors and minors offered by FAS, (2) all majors and minors offered by those professional schools that do not admit first year students: Business*, Bloustein*, GSE*, SCILS*, SMLR*, and SSW*, (3) all liberal arts majors and minors leading to a BA, rather than B.F.A. or B.Mus., offered by Mason Gross*, and (4) a list of majors and minors offered by SEBS to be determined by Vice President for Undergraduate Education in consultation with the Executive Dean of SEBS and the Executive Dean of FAS/SAS. Complete list of majors and minors shown below. (*Separate admissions process required for these majors and minors.)

The major and the minor may not be selected from the same academic program. The requirement for a minor will be waived for students completing multiple majors and for second degree candidates. The requirement of the minor will also be waived for students transferring to SAS from the Rutgers School of Engineering or School of Pharmacy if at the time of transfer they have amassed 18 or more credits, with a GPA of 2.0 or higher, in a single Engineering or Pharmacy subject.

Any credits satisfying major requirements may also satisfy minor requirements and vice versa unless specifically prohibited by the particular major or minor program.

All students are responsible for consulting with the undergraduate director in the department of their major to ensure that they will have fulfilled all requirements by the time of graduation. Students considering majors requiring admission by one of the professional schools should refer to the section of the online catalog for the school of interest for a listing of the courses to be completed *prior* to application. Students should seek advising from their current SAS academic dean to determine how the sequence of courses to be completed for application will affect their graduation from Rutgers University if the application to the professional school is unsuccessful.

Students may declare their major and minor by submitting a declaration of major/minor form to the Office of Academic Services or online at {http//: TBA}

Individualized Major:
SAS students who wish to pursue a specialized area of study in the liberal arts and sciences may propose an individualized major. Students must submit a written application to the SAS associate dean for undergraduate education no later than the first term of the junior year; part-time and transfer students may extend this deadline to the completion of 75 credits. To be considered for approval, individualized major applications must include a statement describing the educational objectives, a proposed program of courses, and the signatures of three faculty sponsors from at least two different disciplines. Two of the three faculty sponsors must be members of SAS departments, and one must agree to serve as major adviser. Students proposing individualized majors must notify their SAS academic advisor of that intention, and must obtain the advisor's signature on the proposal as verification of notification.

An individualized major must consist of at least 36 credits. Ordinarily, at least twenty-four of these credits must be taken in SAS courses; at least 27 must be at the 300 level or above; and at least one course must be taken as an independent study, typically in the senior year, under the direction of the faculty adviser, for the purpose of integrating the work comprising the major. Normally students should select a minor that will require completion of courses beyond those included in the individualized major.

Students may obtain application forms for the individualized major from the offices of the academic advisors, or the SAS associate dean for undergraduate education, or at http://TBA.

SAS students who wish to pursue individualized majors through other schools at Rutgers University should consult the Office of the Dean of the appropriate school. Such applications must also be approved by and bear the signatures of the student's SAS academic advisor and the SAS Associate Dean for Undergraduate Education.

Satisfactory completion of the individualized major leads to a bachelor of arts degree.

Additional policy issues

- Courses satisfying more than one requirement: Courses used to fulfill any of the liberal arts distribution requirement may not be used to satisfy any other liberal arts distributional requirements. Courses used to fulfill major or minor requirements may be used to satisfy liberal arts distribution requirements unless prohibited by the major or minor.

- Minimum grade for liberal arts distributional requirement courses. No stated policy

- Transfer courses satisfying liberal arts distributional requirements SAS will accept transfer courses for free-elective credit applied toward general degree requirements. Academic departments will make all decisions about course equivalencies. Once an equivalency is noted, if the equivalent course at Rutgers would satisfy a liberal arts distributional requirement, then the transfer course satisfies the requirement.

- Liberal arts distributional courses satisfying major or minor requirements. Any distributional course may count toward a major or minor unless prohibited by the major or minor.

- Maximum course load in a single subject. No stated policy.

- Policy on accepting independent study, internship, or experiential learning credits. Degree credit for all internships, fieldwork, independent study, and supervised research is limited to a total of 30 degree credits, including senior honors thesis research. Internships that are not sponsored by an academic unit do not receive academic credit.

Proposed majors and minors for SAS students

Majors	Minors
Accounting and Information Systems	African Area Studies
Africana Studies	Africana Studies
American Studies	Aging
Anthropology	Agroecology
Art History	American Studies
Astrophysics	Animal Science
Biochemistry	Anthropology
Biological Sciences	Art History
Biomathematics	Asian Studies
Cell Biology and Neuroscience	Astronomy
Chemistry	Biochemistry
Chinese	Biological Sciences
Classical Humanities	Chemistry
Communication	Chinese
Comparative Literature	Cinema Studies
Computer Science	Classical Humanities
Criminal Justice	Cognitive Science
Dance	Comparative Literature
East Asian Languages and Area Studies	Computer Science
Ecology and Natural Resources	Ecology and Evolution
Economics	Economics
English	Education
European Studies	English
Evolutionary Anthropology	Entomology
Exercise Science and Sport Studies	Environmental and Business Economics
Finance	Environmental Policy, Institutions and
French	Behavior
Genetics	Environmental Sciences
Geography	Equine Science
Geological Sciences	European Studies
German	Food Science
Greek	French
Greek and Latin	Geography
History	Geological Sciences
History/French	German
History/Political Science	Greek - Ancient
Individualized Major	Greek - Modern
Information Technology and Informatics	Health Care
Italian	Hebrew Language
Jewish Studies	History
Journalism and Media Studies	Human Ecology
Labor Studies and Employment Relations	Hungarian
Latin	Italian
Latin American Studies	Japanese
Latino and Hispanic Caribbean Studies	Jewish Studies
Linguistics	Korean

Management Management Science and Information Systems Marine Sciences Marketing Mathematics Medical Technology Medieval Studies Microbiology Middle Eastern Studies Molecular Biology and Biochemistry Music Philosophy Physics Planning and public policy Political Science Portuguese Psychology Public Health Religion Russian Social Work Sociology Spanish Statistics Statistics/Mathematics Theater Arts Visual Arts Women's and Gender Studies	Labor Studies and Employment Relations Latin American Studies Latin Latino and Hispanic Caribbean Studies Linguistics Marine Sciences Mathematics Medieval Studies Meteorology Middle Eastern Studies Music Natural Resources Management Nutrition Operations Research Organizational Leadership Philosophy Physics Plant? Science Political Science Portuguese Professional Youth Work Psychology Public Health Religion Russian Science and Agriculture Teacher Education Science, Technology and Society Sociology South Asian Studies Spanish Statistics Teacher Education Theater Arts Women's and Gender Studies

The following was <u>not</u> subject to FAS faculty vote and commentary superseded by floor amendments is indicated by strikethrough:

Commentary from the Interim Core Curriculum Committee, April 26, 2006

1. The committee is not recommending a requirement of foreign language study for this set of interim liberal arts distribution requirements because such a requirement would deviate too far from the current status quo and would raise more resource and enrollment issues than can be resolved in the short time frame available to this committee.

The committee unanimously recommended (16 to 0) that the future committee on permanent core curriculum investigate and seriously consider a substantive foreign language requirement for the permanent core curriculum. This requirement should stimulate the development of less commonly taught languages, build on heritage languages, and work to integrate foreign language study into other courses of study.

~~2. The committee also recommends that the future committee on permanent core curriculum consider a global awareness requirement and re-consider the issue of how to categorize courses as social science vs. humanities and how many credits to require of each.~~

3. The committee devoted serious discussion to the issue of whether the writing requirement must be fulfilled by a course that includes instruction in writing in English or whether foreign language writing courses would quality. We decided to require that the writing be in English, consistent with 3 of the 4 colleges' current policy. We felt it was important to provide students with instruction in college-level writing in the dominant language in this country. We, of course, encourage students to pursue foreign language study as well.

4. The committee carefully considered the total number of credits that should be included in the liberal arts distribution requirements and the allocation of those credits to different categories. We settled on a total of ~~33~~ credits, along with the requirement of a major and a minor. This workload is comparable to the existing four colleges. We recommend 12 total credits in math and natural science and ~~12~~ total credits in social sciences and humanities.

5. Much discussion was devoted to the question of how to categorize departments and courses for the purposes of a social science requirement and a humanities requirement, especially departments that are interdisciplinary in nature. One goal was to produce a policy that would be clear and transparent to students and faculty. For that reason, we chose not to categorize individual courses, as such a method produces long lists of courses (many of them cross-listed) that are confusing to the students. Instead, we categorized departments as social science or humanities. Because some departments by the nature of their discipline or the mix of courses they offer are not easily categorized, we produced a list of "interdisciplinary social sciences and humanities" departments. ~~Students will be required to take 1 course from a social science department, 1 course from a humanities department, and 2 courses that can come from the interdisciplinary departments or the social sciences or humanities departments.~~ No more than 2 courses can come from a single department.

6. The committee proposes a diversity requirement because all four of the current liberal arts colleges currently have a requirement in diversity, cultural studies, non-western studies, or the like. We sought to define this requirement narrowly enough that it would not include so many courses as to lose its purpose. We also recommend that there be no overlap among the courses

satisfying the distributional requirements. That is, a course used to satisfy the diversity requirement cannot simultaneously be used to satisfy, for example, the humanities requirement. The non-overlap policy is recommended first to encourage students to take the diversity requirement seriously (rather than finding the most expedient way to satisfy the requirements) and second so as not to put at a disadvantage courses that are not diversity courses and might therefore attract fewer students because the courses could not satisfy two requirements.

7. Several of the requirement categories involve lists of courses that satisfy the requirement. The lists presented in this proposal are tentative or still under construction. Please note that the course lists will not appear in the undergraduate catalog, whereas the descriptions of the requirements will. The committee urges FAS faculty to consider this proposal separately from the lists of specific courses. Those lists will be compiled during summer 2006 by seeking nominations from departments. FAS faculty will have the opportunity to approve the resulting lists at a fall 2006 FAS faculty meeting.

8. This proposal does not represent final wording for the undergraduate catalog. Instead, it is written in degree navigator format for ease of understanding. ~~The committee welcomes faculty feedback about precise wording but also urges FAS faculty not to base their vote on specific complaints about the precise wording.~~

~~9. The committee urges all FAS faculty to attend the FAS faculty meeting on Wed. May 3, 2:00 – 4:00 pm in Voorhees Hall. This proposal will be up for a vote at that meeting. It is crucial that some version of this proposal be approved at the meeting in order to enable the preparation of an undergraduate catalog for students applying to the new School of Arts and Sciences for fall 2007. Because time is of the essence, the committee would like to propose time limits on discussion of each section of this proposal so that we will have time to discuss all the sections, entertain any motions for amendments, and vote on the final proposal.~~