Faculty Senate Monthly Packet December 1978

Portland State University Faculty Senate

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The Senate will hold its regular meeting of the Faculty Senate on December 4, 1978, 3:00 p.m., in 150 Cramer Hall.

A. Roll
B. Approval of Minutes of the November 6, 1978 meeting
C. Announcements and Communications from the Floor
D. Question Period
   1. Questions for Administrators
   2. Questions from the Floor for the Chair
E. Reports from Officers of the Administration and Committees
   *1. Curriculum Committee - Pollock
   *2. Graduate Council - Bentley
   *3. Library Committee - Welkel
   *4. Scholastic Standards - Carl
   5. Budget Prospects - Blumel
F. Unfinished Business - none
G. New Business
   *1. Curriculum Committee Course Proposals - Pollock
   *2. Graduate Council Course Proposals - Bentley
H. Adjournment

*The following documents are included with this mailing
Regarding Agenda Items:  B - Minutes of the November 6, 1978 meeting
   E1 - Annual Report of Curriculum Committee **
   E2 - Annual Report of Graduate Council **
   E3 - Annual Report of Library Committee **
   E4 - Annual Report of Scholastic Standards Committee **
   G1 - Curriculum Committee Course Proposals **
   G2 - Graduate Council Course Proposals **

**Included for Senators and Ex-Officio Members only
Minutes: Faculty Senate Meeting, November 6, 1978
Presiding Officer: Elaine Limbaugh
Secretary: Earl Rees


Alternates Present: Clary for Bates, Gilbert for Becker, Streeter for Halley, Bowlden for Hammond, Dash for Sommerfeldt.

Ex-Officio Members: Blumel, Corn, Dittmer, Forbes, Harris, Heath, Hoffmann, Howard, Morton, Parker, Petrie, Rauch, Rees, Richelle, Rodgers, Schendel, Todd, Toulan, Trudeau.

APPROVAL OF MINUTES

The minutes of the October 2, 1978 Senate meeting were approved as submitted.

ANNOUNCEMENTS AND COMMUNICATIONS FROM THE FLOOR

1. The Presiding Officer announced that the Koinonia House has invited the faculty over for sherry after the Senate meeting.

2. Waller reported on the Fall meeting of the Interinstitutional Faculty Senate. At a meeting with the IFS, Chancellor Lieuallen expressed optimism for higher education in spite of ballot measures 6 and 11. The 115% limitation over the budget of the last biennium does not impose much of a restriction on higher education. Vice Chancellor Romney is hopeful that the IFS approved addition to the Internal Management Directives concerning faculty governance can be implemented. The project to establish a lobbyist for state system faculty is moving ahead. The IFS is no longer formally involved with this project. A letter appealing for support for the lobbyist position will be sent to all state system faculty.

QUESTION PERIOD

1. Questions for Administrators - none submitted

2. Questions from the Floor for the Chair - none

REPORTS FROM OFFICERS OF THE ADMINISTRATION AND COMMITTEES

1. Dean Heath reported on "Project Advance" emphasizing that it is an integral part of the service oriented programs for the community at large. The students and the schools
involved are very enthusiastic about the program and are more aware of PSU as a quality institution. Taylor noted that there was some confusion about the acceptance of the credits earned through "Project Advance." Heath said the students are admitted to PSU and receive a PSU transcript. Responding to Moor's question about measurement of student progress, Heath said this was primarily left up to the liaison faculty member and the department involved. So far, all have been pleased with the level of accomplishment of the students.

2. President Blumel reported on enrollment and budget prospects. The prediction is that Fall term head count will be around 15,925, a small gain over last year. The fees-paid enrollment, which includes audits, is in excess of 16,000. Again, there is a decline in the average number of credit hours per student. Thus, the prediction for FTE enrollment this Fall is about 10,020 students, a decline of 1.5% over last year, but still above PSU's budgeted 10,000 Fall term FTE enrollment ceiling. This means that there will be no serious budgetary implications for PSU. In PSU's internal budgeting, the projected $100,000 in overrealized tuition income may not materialize. Blumel said the essence of what the Executive Department will do is contained in Ballot Measure 11 which calls for a reduction of the state budget to 95% of this biennium. The budget will then be permitted to grow at a maximum rate equal to the growth in state personal income over the past two calendar years, or around 25%. The governor has instructed budget analysts to stay within 115% of current agency budgets. In this case, the budget recommended by the governor will be $14,000,000 less than the original submitted by the State Board of Higher Education. In that budget there were around $16,000,000 in program improvements which leaves $2,000,000 for that area. The strategy will likely be to persuade the Executive Department and the Ways and Means Committee that 115% is not unreasonable growth for higher education. During the last decade, the budget for higher education, where significant increases in enrollment and workload have taken place, has grown much more slowly than the budget for any other major segment supported by the general fund. In other words, the budget for higher education is not a logical target for reallocation. Hoogstraat asked if the percentage increases were exclusive of salary improvements. Blumel said they were. He added that the tendency would probably be to cut program improvements and that the outlook for capital construction was not encouraging. More information will be available after the election and after the governor's budget comes out.

UNFINISHED BUSINESS - None

NEW BUSINESS

1. The Presiding Officer said that with the consent of the Senate, the four proposals in item G-1, the cover letter from the Curriculum Committee as included in the Senate mailing, would be considered separately.

A. Moseley moved adoption of the B.S. degree in Computer Science proposal as included in the Senate mailing. (Seconded)

Highlights of discussion: Pollock said the change was from receiving a Mathematics degree with an emphasis or option in Computer Science to a B.S. degree in that area. Brown asked if the Mathematics Department had responded to the request from the Curriculum Committee to specify the TBA credits. E. Enneking said item IV, under 5, a (page 3), section iv (page 4), and Appendix B of the proposal should be deleted. Jones, with Moseley's consent, moved to amend the original motion by deleting the above-mentioned items. (Seconded)
Highlights of discussion of motion as amended: Taylor asked how the lack of a large computer system would affect the program. Vice President Todd said the RFP has been in preparation since late summer and a new computer should be installed by the summer of 1979. Petrie, asking if any of the courses in the program could be held for graduate credit, was informed that there would be 400 level courses with the "g" option. It was noted that the FTE on page 13 was accumulative and not by year and that enrollment figures mentioned in the proposal were rough figures. Fiasca wondered about two new programs in light of talk of limited resources. Pollock said the two programs are already in existence and do not require significant budget increases. The emphasis is on greater growth and the desire to give a degree in Computer Science. Vice President Richelle said all programs are reviewed by all concerned and priorities are established. The Computer Science program has been under consideration for several years and has gone through all the proper channels. Richelle added it is clear that more and more emphasis will be placed on the Computer Science option and positions made available through retirement will be dedicated to the computer option. This does not exclude the possibility of receiving additional resources.

Action on motion as amended: Passed by voice vote.

B. Cumpston moved the adoption of the proposal for Mechanical Engineering as an option in the Engineering and Applied Science B.S. degree as included in the Senate mailing. (Seconded)

Highlights of discussion: Waller said there should be a clear statement concerning degree requirements. There was some discussion regarding the total number of hours (199) required for the degree and the thirteen hours of electives. Sugarman, noting very few courses outside the major, expressed concern for Arts and Letters, Social Science, as well as other schools. It was pointed out that, in terms of electives, the Portland State program was number one in a sample of schools taken from around the nation. The program is designed to meet accreditation standards and is not the only program at PSU that requires more than 186 hours for graduation.

Action on motion: Passed by voice vote.

C. Tracy moved to adopt parts 1-6 of item G-1 of the cover letter from Curriculum Committee as included in the Senate mailing (Seconded)

Highlights of discussion: Pollock said the teacher education part of the biology proposal was being withheld pending the outcome of the new certification program. Pollock clarified the Theater Arts proposal noting that the major requirements were increased so students could meet entrance requirements at the University of Oregon.

Action on motion: Passed by voice vote.

D. Curriculum Committee recommendation, as included in item G-1 of the Senate mailing, that in future PSU catalogs "departments should specify all credits required of a major or secondary education program offered by the department, including those taken in other departments." Moseley moved adoption of the recommendation. (Seconded)

Highlights of discussion: Fiasca said it would be a good idea to clean up the catalog and to include parallel statements concerning requirements department by department.
Action on motion: Passed by voice vote.

ADJOURNMENT - The meeting was adjourned at 4:30.
Faculty Senate Minutes
November 6, 1978
Supplement to Item G, New Business

2. Graduate Council Program Proposals.

A. Bentley moved that the Senate approve the MAT/MST Program in Earth Sciences as included in the Senate mailing. (Seconded)

Discussion: none.

Action: Approved by voice vote.

B. Bentley moved that the Senate approve the program changes in the School of Social Work as included in the Senate mailing. (Seconded)

Discussion: none.

Action: Passed by voice vote.
TO: The Faculty Senate
FROM: The University Curriculum Committee

The Curriculum Committee held eight meetings during 1978. The action of the Committee regarding proposals for new programs and changes in existing programs was reported to the Senate on November 6. On December 4 the Chairperson will present the Committee's recommendations for course additions, changes, and deletions.

The Annual Report provides the opportunity for the Committee to present a short summary statement of activities and/or concerns. The Committee:

1. Commends the various Departments' and Schools' curriculum committees for the improvement in preparation of submitted materials.

2. Wishes to encourage Departments and Schools to continue the examination and evaluation of course offerings presently described in the Portland State University Bulletin.

3. Recommends that future PSU Catalogs note courses that are not offered each year.

4. Recommends that Departments write justifications for course deletions.

5. Recommends that in future PSU catalogs, all credits required of a major or secondary education program, including those offered by other Departments, should be included in the total credits cited as required for satisfaction of the major or secondary education program.

6. Recommends that allocation of future resources within the University must recognize the need for balance between traditional liberal arts and professional programs.

7. Recommends that the President of the Senate charge a University Committee with formulation of a consistent policy of the relationship between class hours and credits for all lab classes that accompany lecture classes at PSU.

The Chairperson wishes to note his appreciation to all of the Committee members and consultants. The 100% attendance and the 110% caring and input overcame the lack of time allowed for the Committee's responsibilities.

Respectfully submitted

Carl Pollock, Chairperson

Enclosures

Committee: Alma Bingham, Pat Christman, Lewis Curtis, Alice Lehman, Darrell Millner, Thomas Morris, Gwen Newborg, Rudi Nussbaum, Sam Oakland, Carl Pollock.

Consultants: James Heath, Mary Kinnick, Nancy Stuart.
ANNUAL REPORT OF THE GRADUATE COUNCIL
November 14, 1978

TO: Faculty Senate

FROM: James R. Bentley, Chairman

This report summarizes the work of the Graduate Council for the calendar year 1978 to date. During the Winter and Spring terms, 1978, John Dash, Physics, served as chairman. In a summary it is not practical to review in detail all of the activities of a committee which meets weekly except Summer throughout the academic year.

In view of the heavy load of program and course proposal reviews that must be accomplished between the first week in October and the second or third week in November, the Fall work of this committee takes on the character of emergency action--especially when there are changes or revisions in the proposals. This Fall the Council took action on 102 proposals for new courses or course revisions from 17 departments.

Program revisions for Earth Sciences and Social Work were reported to the Senate in November. A Master of Taxation degree in the Department of Accounting was reviewed and approved in March.

In its course reviews in 1978 as in 1977, the Graduate Council requested that departments specify prerequisites for graduate courses. This effort has received a favorable response and in those instances where specification of prerequisites appears to present a problem, the Council will seek resolution of the problem.

In a second course of action continued from the 1977 course reviews, the Council requested that new course and course revision proposals for 400 GRAD courses specify the additional work required of the student who is to receive graduate credit. This action represents an implementation of established Graduate Council policy that courses recommended for graduate credit at the 400 level require work of greater depth, of broader scope, and of higher quality for graduate students than for undergraduates who may be enrolled in the same class. The Council met with members of the Department of Mathematics to clarify its stand in this matter.

Several topics to which the Council devoted time are worth noting:

1. Reviewed research methodology courses and reported the results to deans and department heads.
2. Acted on a leave of absence policy for the Graduate Advisors' Handbook.
3. Approved a statement on plagiarism for the Graduate Advisors' Handbook.
4. Adopted a statement of expectations for the master's thesis for distribution to departments.
5. Began a review of graduate credit reservation by undergraduates.
6. Approved a time limit for the doctoral degree.

Still unresolved is the status of the Council representative from DCE. The DCE representative serves as a consultant instead of as a full voting member of the Council. The status of the DCE representative should be clarified.

(over)
Other topics have been discussed and are under action consideration. The Council has received considerable input, advice, and cooperation from faculty and administration. The Office of Graduate Studies and Research has been most helpful in all respects. Dean Rauch has sought to maintain a free flow of information so that the Council's decisions are based on the most complete information available. The Council members acknowledge with gratitude the very competent assistance of Lynne Bigelow of OGSR.

The Graduate Council:

James R. Bentley - BA Chairman
George Carbone - History
Nancy Chapman - Urban Studies
John Dash - Physics
Gerald Frey - Social Work
Robert Gridley - DCE - Consultant
Harold Jorgensen - Education
Dan Newberry - Library
Al Sugarman - Speech
Milan Svoboda - HPE
Stanley Rauch - OGSR - Consultant
Robert Tufts - Registrar - Consultant

The Graduate Council office has since moved to Room 505. Faculty members, students, and all others interested in obtaining current and updated information can visit the new location. The office is well-stocked with a variety of graduate publications, including a comprehensive list of graduate programs, a calendar of seminars and lectures, and a directory of faculty members. The Graduate Council encourages all students and faculty to become active members of the community by participating in its activities and initiatives.

The Graduate Council is committed to fostering a supportive and inclusive environment for all graduate students. It is dedicated to ensuring that the needs and concerns of its members are addressed and that the council's decisions are made with the best interests of the graduate community in mind. The council's efforts are aimed at creating a dynamic and vibrant graduate community that will continue to grow and develop as the institution moves forward.
The Library Committee is a constitutional committee which meets monthly to consider a variety of library matters. The present membership is as follows: Chair: Ann Weikel (History); Faculty: Carol Burden (Education), Carl Markgraf (English), Earl Molander (Management), Horace White (Chemistry), Betty Rankin (Physical Education), Susan Downs (Social Work), Gary Perlstein (Administration of Justice); Students: David Ellis, Ifeanyi Michael Ezeh. Consultant: Frank Rodgers.

The work of the Committee this year included the library budget, the interlibrary loan system, the increasing problem of book storage, the installation of a security system to prevent the loss of library materials, and consideration of the library's application to join the Washington Library Network.

The library materials budget for 1978-1979 totals $670,582. The base budget from 1977-1978 was $582,101 which was increased by 1) $71,727 inflation allowance, 2) $3,904 Title IIA federal grant and, 3) $12,850 non-recurring build-up fund for the Doctorate in Education.

a. The Serials Budget.
$442,049 has been projected for serials subscriptions and standing orders. This is an increase of $56,329 from last year and means that the serials budget has almost reached its limit. Individual faculty and departments are urged to scrutinize their serial orders. With $35,000 in binding costs added, our total serials commitment comes dangerously close to half a million dollars.

b. The departmental allocations increased this year from $105,312 in 1977-1978 to 128,268 in 1978-1979 because of a projected cost increase per unit and a change in bookkeeping. There will no longer be a separate fund for replacing books lost in circulation. Instead each department will get a replacement allotment. The University Budget officer will now control the income from accounts received for the payment of lost books.

c. The materials budget will finance 100,000 detection strips for the new detection system to be installed in December 1978. The $7,000 for the detection strips will come from the general book fund. It is expected that at least that amount will be saved by the system.
d. The general book fund will continue to support such areas as Women's Studies, Central European Studies and Public Administration. The fund will also contribute to the joint purchase by Multnomah County, Reed, Lewis and Clark, University of Portland and Linfield of the 19th century British Parliamentary Papers which will be housed at PSU.

1978-1979 will be spent combatting the erosion of inflation and taking a careful look at the serials collection.

The Committee discussed the interlibrary loan system at considerable length since there was concern about the rules in regard to requests for books and delays in receiving them. While many of the rules and delays are beyond local control the Committee did urge a continuation of efforts to provide more rapid service in state. The Committee aided in drawing up a new set of guidelines and instructions for the use of Interlibrary Loan.

The Committee discussed the storage problem which will become increasingly urgent since the library building will not be funded for the 1979-81 biennium. The state has acquired buildings at Camp Adair for storage which are not suitable for PSU because our collection is relatively new and most books are in demand. The distance of the site mitigates against our involvement. Therefore the addition of 1,800 sq. ft. which can house 20,000-25,000 volumes in the old Varsity Book Store building is welcome.

The Committee approved the use of general book funds for helping to pay for the installation of the book detection system since it will help to prevent losses from theft and will be, therefore, self supporting.

The Committee was kept informed of the status of the Library's application to join the Washington Library Network. Institutional approval for this action was given in February, but the proposal also required approval from the Chancellor's Office, the State's Executive Department and Legislative Fiscal Officers. The project received final approval in October, signing of a contract is expected in December, and the system should become operative shortly thereafter. The Network is an official agency of the State of Washington, using computer services of Washington State University to provide cooperative cataloging, interlibrary loan and other services. Our participation will greatly accelerate conversion of the PSU library catalog to machine readable format, which enables multiple copies of the catalog to be produced at low cost. On-line terminals will be available for searching of the WLN data base and for input of our cataloging to it. Significant savings in staff time and major improvements in library services are anticipated.
The number of petitions acted upon by your Committee during the past year increased from 330 during 1976-77 to 380 during 1977-78. This increase can be largely attributed to the areas of transfer admissions petitions and the Committees use of the ADSP. Other petition areas reflect slight increases or decreases.

Last year some members of the Senate expressed concern about the apparent low number of petition denials by the Committee. The Committee was encouraged to more closely evaluate petitions. During 1977-78 the number of denials by the Committee was 78. This was an increase from 36 during 1976-77.

An analysis of the changes in petitioning by area afford some insight as to how the system is working.

1. Reinstatement Petitions: The number of petitions in this area stayed approximately the same. Prior to 1977 there had been a decreasing trend in this area. The number of denials by the Committee has increased as well as the Committee's use of ADSP as a vehicle for the student to develop a performance record upon which to base readmission.

2. Admissions Petitions: (transfer students): This area has increased after a previous decline prior to 1977. This indicates more students seeking to transfer or return to school after an extended absence. The denial rate remains low but nearly all of the petitioners have been out of school for some time, have gained experience and maturity, and appear to merit another opportunity.

3. P/NP to Grade and Vice Versa: A continuing decline in the number of petitions of this type is reflected this year. This seems to be due, in part, to improved registration procedures and earlier awareness of deadlines by students. This area continues to be a difficult one for the Committee. The catalog and time schedules are clear about the time limits for making changes. Therefore the Committee has continued to deny more petitions than it has approved. Those approved generally represent cases in which changing a major requires a letter grade for a class previously taken for P/NP. The option was not designed to afford the student the luxury of changing the "P/NP" to a grade if s/he happens to do well in the course. Advisors and instructors offer useful counsel in this area.
4. Registration changes: This area may be leveling off, after a declining trend prior to 1977. The number of petitions denied in this area has increased substantially. This may reflect a shift within the Committee reflecting more responsibility being placed on the student to be aware of registration procedures. Our registration process has been standard for the past few years, fewer registration errors can be attributed to the students not being aware of or understanding registration procedures.

5. Extension of Incomplete: This area did not increase for the first time since 1974. The denial rate continues to be low. A statement of approval from the instructor carries a heavy weight in Committee decisions. Some petitions involve late submission of grades for work that was completed on time. It would be helpful to the Committee if the instructor approached by a student having an incomplete to make up would arrive at a reasonable date for completion of the work in consultation with the student. The Committee frequently sets short time limits on these requests. This area continues to approximate one-third of the number of petitions the Committee considers each year.

The Committee has met on several occasions during the past year. The large number of petitions the Committee must consider sometimes prohibits Committee action in other areas. However, the Committee has continued to work with the Equal Opportunity Program, worked more closely with the ASDP, and is currently reviewing scholastic regulations as stated in the term bulletin and the catalog.

Following is a statistical breakdown of the Committee's action on petitions for the period from 30 November 1977 to 21 October 1978 and the period 2 November 1976 to 21 October 1977:

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<tr>
<th>Reinstatement Petitions:</th>
<th>1977-78</th>
<th>1976-77</th>
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<tbody>
<tr>
<td>Reinstated</td>
<td>24</td>
<td>33</td>
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<tr>
<td>Denied</td>
<td>21</td>
<td>9</td>
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<table>
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<tr>
<th>Admissions Petitions:</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Admitted</td>
<td>90</td>
<td>70</td>
</tr>
<tr>
<td>Denied</td>
<td>6</td>
<td>3</td>
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<tr>
<th>P/NP to Grade and Vice Versa:</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Granted</td>
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<td>11</td>
</tr>
<tr>
<td>Denied</td>
<td>14</td>
<td>19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extension of Incomplete:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Granted</td>
<td>107</td>
<td>113</td>
</tr>
<tr>
<td>Denied</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>
Acceptance of Credits from Colleges
Omitted on Application:

| Granted | 5 | 2 |

Registration Change:

| Granted | 45 | 64 |
| Denied   | 30 | 3 |

Grade Changes:

| Denied | 3 | 1 |

ADSP:

| 19 | 1 |

Remove Disqualification from Record:

| Granted | 1 |
| Denied   | 1 |

TOTAL 380 330
REPORT
December 4, 1978

TO: The Faculty Senate
FROM: The University Curriculum Committee
SUBJECT: Proposed Course Changes

Attached is a summary of all the proposals for new courses and proposals for changes in existing courses which have been acted upon by the appropriate faculty and administrative bodies during the calendar year, 1978. The Curriculum Committee recommends that the Faculty Senate approve all the changes in the undergraduate curriculum as they appear in the proposals with the exception of the following:

1. Social Work: approved with the understanding that wording be clarified to specify that SW 352 has SW 351 as a prerequisite and SW 300 as a corequisite; the same clarification should also be made for SW 452, SW 451, and SW 400.

2. Education: approved with the notation that the summary of courses provided shows ED 199 as "credit to be arranged", whereas the actual course proposal is for "3 credits".

3. Urban Affairs: Black Studies: approved with recommendation that the BST 421 Seminar carry the stipulation that it can be repeated up to a maximum of 9 credits.

4. Arts and Letters: Foreign Languages: approved new courses. After consultation with Professor Elteto, Head of the Department, the Committee recommended that the Department reconsider and justify courses it proposes to retain or delete and resubmit the courses to the Curriculum Committee next year.

5. Anthropology: approved an additional course proposal. Drop ANTH 324 (1 credit) and 325 (1 credit); increase credits for ANTH 323 from 1 credit to 3 credits, but with the change (endorsed by Scheans of Anthropology) to delete ANTH 321, 322 as prerequisites.

The Committee voted to recommend to the Senate that future PSU Catalogs note courses that are not offered each year.

Respectfully submitted

Carl Pollock, Chairperson

Enclosures

Committee: Alma Bingham, Pat Christman, Lewis Curtis, Alice Lehman, Darrell Millner, Thomas Morris, Gwen Newborg, Rudi Nussbaum, Sam Oakland, Carl Pollock.

Consultants: James Heath, Mary Kinnick, Nancy Stuart.
Graduate Council Memorandum--Course Proposals

TO: Faculty Senate
FROM: James R. Bentley, Chairman, Graduate Council

The Graduate Council has reviewed the graduate course proposals. We recommend Senate approval in most instances. Approval is not recommended in some instances as explained later in this memorandum. The recommendations that follow are in the same order as the courses are listed in the OAA course proposal document. Our recommendation for courses to be dropped is at the end of this memorandum.

College of Arts and Letters

English

Recommend approval for Eng 495 (grad) and GL 434 (grad) and GL 436 (grad).

Foreign Languages

We recommend that proposals for 6 courses in Foreign Languages not be approved:

- GL 509 and 509 - German Workshop and Practicum
- RL 508 and 509 - French Workshop and Practicum
- RL 508 and 509 - Spanish Workshop and Practicum

In our opinion these six proposals were all deficient in the following respects. Hours of credit were unspecified as were the clock hours involved to the extent that credit would be completely open-ended. No topical outline or other description was included to guide the Council as to the expected content of these courses. Denial does not preclude the offering of this work because omnibus numbers are available.

Old Courses Dropped. No action was taken and none is recommended in these Arts & Letters courses because the Council had no departmental request:

- RL 509 French Stylistics
- RL 590 Spanish Stylistics

Theater Arts

We recommend approval of the course proposals for 400 level (grad) courses:

- TA 421 New Course
- TA 425, 426
- TA 455
- TA 461, 462, 463
- TA 471, 472, 473
Graduate Council to Senate

College of Science

Biology

At our request the department indicated additional requirements for graduate credit and we recommend approval of these new courses.

Bi 420 and Bi 401, 402

Earth Sciences

We recommend approval of new courses noting changes in some course descriptions as follows.

G 422 (grad) Prerequisites to read: Calculus through Mth 202, Physics through Ph 202 and Ph 203, G 202, or consent of instructor.

G 423 (grad) G 488 (grad)

G 595 Prerequisites to read: Physics through Ph 203 and 206, Calculus through Mth 202, and G 391, and consent of instructor.

We recommend approval of changes in courses

G 412 (grad) G 452 (grad) add to course description: Two lectures; one two-hour laboratory period

G 573

Engineering and Applied Science

We recommend approval of new courses proposed:

ASE 445 (grad) Urban Transportation Systems.

The following course description replaces the description in the OAA document. It more clearly describes the nature of the course and clearly indicates no duplication of an Urban Studies course US 431, Urban Transportation.

Urban street patterns and transportation demand, highway capacity analysis, process of urban transport planning, travel demand forecasting and its application to traffic studies. Development of transport models, multiple regression analysis, models of land use and trip generation, stochastic trip distribution models, applications and case studies. Route assignment analysis and traffic flow theory. Grad credit allowed for majors with the approval of graduate advisor. Prerequisite: ASE 409 or consent of instructor.

ASE 479 (grad) ASE 590
Graduate Council to Senate

Mathematics

The Council recommends that Mth 447 (grad) be not approved in the absence of a statement from the department of the requirements for receiving the optional graduate credit. We recommend approval of the new course proposals in Mathematics.

Mth 591, 593 and 594. These have been offered as 510 courses and are part of the department's MAT/MST program and its Standard Certificate program in secondary education.

Physics

We recommend approval of the changes in three courses,

Ph 414, 415, 416 (grad)

College of Social Science

Political Science

We recommend approval of changes in seven courses, in each case adding prerequisites thereby defining more clearly the minimum requirements.

PS 412, 413, 421, 422, 423, 431, 432 (grad)

School of Business Administration

Accounting

The Council recommends Senate approval of 15 new 500 level courses which will comprise the major core and elective offerings in the Master of Taxation program approved by the Senate last spring and since approved by the Oregon State Board of Higher Education and the Oregon Educational Coordinating Commission. All except two of these courses have been offered at least once. Yet to be offered are Tax Planning, scheduled for summer, 1979, and Computer Applications in Taxation, to be offered in the 1979-80 academic year.

We recommend approval of the new course Actg. 404 and related changes in 492, 493, 404.

Marketing

We recommend approval of the changes in Mktg 415 and 416. The department specified the requirements for the graduate credit option.
School of Education

We recommend approval of the new courses proposed and the changes in old courses with the following modifications:

- **Ed 490** - Corrective Reading: Elementary. Prerequisites changed to read: A three credit hour course in Reading, completion of student teaching or equivalent.

- **Ed 490** - Corrective Reading: Secondary. Prerequisites changed to read: A three credit hour course in Reading, completion of student teaching.

- **Ed 490** - School Reading Centers. Prerequisites changed to read: Six credit hours in Reading coursework. Completion of student teaching.

- **Ed 524** - Advanced Techniques in the Teaching of Reading: Disabled Learner. This course is already in the catalog as Ed 522. Approval is confined to a change in prerequisites to read: Six credit hours in Reading coursework or Ed 490 - Corrective Reading: Elementary, or Ed 490 - Corrective Reading: Secondary.

- **Ed 525** - Administration of School Reading Programs. Prerequisite changed to read: Completion of basic reading endorsement.

- **Ed 490** - Reading for the Creative and Gifted. Prerequisite changed to read: Ed 490 Children's Literature.


At the Council's request the proposals for both new courses and changes in old courses at the 400 level included statements of requirements for the graduate credit option. The new courses in Reading represent a move by the School of Education to strengthen its ability to meet the challenge of the high instructional priority attached to Reading locally and nationally for both elementary and secondary schools.

School of Social Work

The Senate last month approved the structure of the Master's degree in Social Work. We recommend approval of the new 500 level courses beginning with SW 535 and ending with SW 565. SW 584 Grant Writing is withdrawn from consideration and is not part of our recommendation for approval. These changes in course descriptions are part of our recommendation:

- **SW 535** - Description is changed to read: Critically explores the social-psychological literature on the role of groups and organizations and their influence on individual behavior.
Graduate Council to Senate


SW 560. Description is changed to read: Overview to the practice field of community organization and social planning. Emphasizes practice issues from various types of organizational bases.

SW 562. Add to course description: Emphasizes issues in human service organizations.

SW 563. Course description changed to read: Elements of interorganizational analysis and their application to social planning and organizational interaction.

SW 564. Change description to read: The legislative process and its implication for the social planner. Focus on the development of social welfare policy.

SW 565. Change description to read: Issues in the design and development of social service delivery systems, their structure and organization.

We recommend approval of the course changes as proposed.

School of Urban Affairs

Administration of Justice

The Council denied approval of AJ 505 and AJ 507 because of long-standing policy of not approving 500-level courses until the school or department has an approved graduate program. We recommend Senate approval of the Council's denial of these proposals.

Black Studies

The Council denied approval of BST 505 and BST 507 for the reason cited for the AJ 505 and 507 courses and we recommend Senate approval of this action.

The Council, recognizing that Black Studies may be a desirable elective area for graduate students in Social Work or Urban Affairs, approved proposals to add graduate credit to BST 407, 415 and 404, and we recommend Senate approval of this action.
Graduate Council to Senate

Urban Studies

No action was taken on UA 407 as it was incorrectly listed as having a graduate option. We recommend approval of US 426, 446, 461, 536 and 577 with the following modifications: US 426 ( ) add Prerequisite: Junior standing.

US 446 ( ) Revised description: For the non-lawyer who wishes to become familiar with common law, federal and state statutory and administrative provisions relating to environmental protection. The course examines: common law remedies and constitutional provisions; federal and state environmental impact or assessment requirements; and legislative acts relating to the environment. Prerequisite: Junior standing.

US 536. Revised description: Survey of social decision-making methods. Selected topics may include: welfare theory, present value theory, cost-benefit analysis, cost-effectiveness analysis, goals-achievement matrix methods, approaches based on community structure and value, and brief overview of PPBS-type budgeting methods. Prerequisite: US 515 or equivalent.

US 577. Revised title: Urban Environment Management. Revised description: An accelerated survey of principles and concepts employed in urban environmental management. Selected topics may include: congestion and pollution, alternative approaches to pollution control, alternative implementation strategies, taxation for the control of externalities, water quality management in river-basin systems, air quality management, the problem of the private automobile, economics of solid waste disposal, noise pollution.

School of Health and Physical Education

We recommend approval of two new courses.

HE 420 and 421

Courses to be Dropped

The Council approved dropping the following courses and recommends Senate approval of the action.

Sp 470 Advanced Phonetics
Sp 472 Experimental Phonetics
PS 445 Politics and Internal Relations of Central Europe
PS 459 Foreign Policies of the Major Powers
US 584 Black Community Development
Ed 550 Supervised Counseling Techniques
Ch 438 Organic Qualitative Analysis
Graduate Council to Senate

No action was taken in dropping two foreign language courses and none is recommended to the Senate:

RL 509 French Stylistics
RL 590 Spanish Stylistics

Although specific course change documents were received on only one of the courses to be dropped, Ed 506, the Council reviewed the materials supplied by departments to the OAA in support of the recommendation to drop the courses and on this basis recommends dropping these courses.
PORTLAND STATE UNIVERSITY

SUMMARY

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| EDUCATION             | Sub-Total | 27 | (3) | 24  |

| SOCIAL WORK           | Sub-Total | 29 | (24) | 5   |

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| HEALTH & PHYSICAL EDUCATION | Sub-Total | 6 | (0) | 6   |

| **TOTAL**               | 277       | (303) | (-26) |
New Course

AA 381. Watercolor. (3)
An introduction to transparent watercolor with emphasis on its use as a painting medium. Particular attention to landscape material. May be used as either drawing or painting credit. Prerequisite: 9 hours drawing.

Changes in Old Courses

AA 180. Design Studio I. (3)
Projects and exercise intended to familiarize the student with fundamental form and space concepts of architecture; control of proportion, scale, and design relationships. Students are encouraged to develop skill in formulating an architectural relationship. Students are encouraged to develop skill in formulating an architectural problem and sound bases for value judgments; the release of the student's potential creative capacities is a primary concern of the course. 9 hours required for pre-architecture student.

(Formerly AA 187, 188, 189. Design Studio I. (3, 3, 3)
Omission of sequence; change in number, description, and credit hours.)

AA 280. Design Studio II. (4)
Introduction to the disciplines of planning and design through lectures, audio-visual presentations, and studio projects. Execution of short problems, embracing concepts of architecture, landscape architecture, and interior design. General nonmathematical analysis of construction principles, 12 hours required for pre-architecture student. Prerequisites: 9 hours of AA 180 or equivalent.

(Formerly AA 287, 288, 289. Design Studio II. (3, 3, 3)
Omission of sequence; change in number, description, credit hours, and prerequisites.)

AA 350. Life Drawing. (3)
A studio course that develops observation and perception. Later, analytic skills are combined with personal expression and invention. A variety of media are used to explore the implications of line and modeled form. Maximum: 18 credits. Prerequisites: 9 credits in AA 291 or consent of instructor.

(Formerly AA 350, 351, 352. Life Drawing. (3, 3, 3) Division of sequence; omission of AA 351, 352; change in description, credit hours; and addition of maximum credits.)

Old Courses Dropped

AA 187, 188, 189. Design Studio I. (3, 3, 3)
AA 287, 288, 289. Design Studio II. (3, 3, 3)
AA 298. Sketching. (1)
AA 351, 352. Life Drawing. (3, 3)
ENGLISH

New Course

Eng 495. TESOL Methods. (3) (Grad)
Approaches, methods, and techniques in teaching English to speakers of other languages and dialects. Students are required to tutor, observe, and teach in the ESL program. Class topics include cultural orientation, teaching and testing the various skills, evaluation of proficiency levels, analysis of instructional materials, and use of audio-visual aids. Previous study of linguistics and other TESOL areas is required.

FOREIGN LANGUAGES

German:
GL 408. Workshop. Credit to be arranged.
Consent of instructor.

GL 434. The German Novelle. (3) (Grad)
An intensive study of the Novelle as a German literary genre of the 19th and 20th century. Readings from representative authors.

GL 436. Austrian Literature. (3) (Grad)
An introduction to the literary tradition of Austria. Focus on the latter half of the 19th and early 20th century. Readings from representative authors from the Vdmarz to the days of the Austro-Hungarian Empire.

GL 508. Workshop. Credit to be arranged.
Consent of instructor.

GL 509. Practicum. Credit to be arranged.
Consent of instructor.

French:
RL 408. Workshop. Credit to be arranged.
Consent of instructor.

RL 508. Workshop. Credit to be arranged.
Consent of instructor.

RL 509. Practicum. Credit to be arranged.
Consent of instructor.

Spanish:
RL 408. Workshop. Credit to be arranged.
Consent of instructor.

RL 508. Workshop. Credit to be arranged.
Consent of instructor.

RL 509. Practicum. Credit to be arranged.
Consent of instructor.
New Courses - continued

Russian:
SL 408. Workshop. Credit to be arranged.
Consent of instructor.

Old Courses Dropped

Latin:
CL 334, 335, 336. Latin Literature: Augustan Age. (3, 3, 3)

Portuguese:
RL 111, 112, 113. First-Year Portuguese. (4, 4, 4)
RL 199P. Special Studies. Credit to be arranged.
RL 211, 212, 213. Second-Year Portuguese. (4, 4, 4)
RL 367. Luso-Brazilian Culture and Civilization. (3)
RL 381, 382, 383. Survey of Portuguese and Brazilian Literature. (3, 3, 3)
RL 384, 385, 386. Intermediate Portuguese Composition and Conversation. (3, 3, 3)

French:
RL 589. French Stylistics. (3)

Spanish:
RL 590. Spanish Stylistics. (3)

Czech:
SL 111, 112, 113. First-Year Czech. (4, 4, 4)
SL 199C. Special Studies. Credit to be arranged.
SL 211, 212, 213. Second-Year Czech. (4, 4, 4)
SL 361, 362, 363. Third-Year Czech. (3, 3, 3)

Polish:
SL 121, 122, 123. First-Year Polish. (4, 4, 4)
SL 199P. Special Studies. Credit to be arranged.
SL 221, 222, 223. Second-Year Polish (4, 4, 4)
SL 371, 372, 373. Third-Year Polish. (3, 3, 3)

Russian:
SL 414, 415, 416. Russian Literature of the 19th Century Part II. (3, 3, 3)

Old Courses Dropped

GENERAL ARTS & LETTERS

AL 431, 432, 433. Romantic Traditions in European Culture. (3, 3, 3)
Old Courses Dropped

GSt 330. The Creative Process. (3)
GSt 331. The Idea of Utopia. (3)

SPEECH

Old Courses Dropped

Sp 114. Speech Development. (3)
Sp 280. Introduction to Speech & Hearing Sciences. (4)
Sp 470. Advanced Phonetics. (3) (Grad)
Sp 472. Experimental Phonetics. (3) (Grad)

THEATER ARTS

New Courses

TA 311. Backgrounds to Scene Design. (3)
A study of visual arts principles as related to scenic design. Projects in line, composition, form, mass, and color are used to develop ability to visualize design concepts. Prerequisites: TA 211, 212, 213.

TA 321. Fundamental Stage Costuming. (3)
A beginning course designed to give students a basic overview of stage costuming theory, design, and technique.

TA 421. Costume Design. (3) (Grad)
An in-depth study of costume design principles. Emphasis is placed on the design of costumes for specific plays, using a variety of styles and rendering media. Special project required for graduate credit. Prerequisite: TA 321.

Changes in Old Courses

TA 241, 242. Improvisational Theater. (3, 3)
Seeks to acquaint the student through exercises, theater games, and impromptu scenes with the basic skills and techniques necessary for improvisational playing and the development of improvisational material for public performance. Must be taken in sequence.
(Formerly TA 145. Improvisational Theater. (3) and TA 345. Advanced Improvisational Theater. (3) Addition of sequence requirement; change in number, title, description, and deletion of prerequisites.)

TA 325. Costume Construction. (3)
A practical study of stage costume construction techniques, beginning and advanced. Students will participate in the construction of departmental costumes.
(Formerly Costume Design and Construction. Change in title and description.)

TA 341, 342, 343. Intermediate Acting. (3, 3, 3)
Study and practice in acting technique, scene analysis, and interpretation of dramatic materials for performance. Must be taken in sequence. Prerequisites: TA 141, 142, 143, or consent of instructor.
(Formerly Advanced Acting. Change in title and description.)
COLLEGE OF ARTS AND LETTERS - continued

THEATER ARTS - continued

Changes in Old Courses - continued

TA 353. Workshop Theater II Acting-Directing. (1-3)
Workshop in acting-directing. Prerequisite: consent of instructor.
Maximum: 6 credits.
(Formerly TA 353. Workshop Theater II. (1-4) Change in title,
description, and credit hours.)

TA 354. Workshop Theater II Technical Theater. (1-3)
Workshop in technical theater. Prerequisite: consent of instructor.
Maximum: 6 credits.
(Formerly TA 353. Workshop Theater II. (1-4) Addition to sequence;
change in number, title, description, and credit hours.)

TA 355. Workshop Theater II Management and Public Relations. (1-3)
Workshop in theater management and public relations. Prerequisite:
consent of instructor. Maximum: 6 credits.
(Formerly TA 353. Workshop Theater II. (1-4) Addition to sequence;
change in number, title, description, and credit hours.)

TA 425, 426. Costume History I, II. (3, 3) (Grad)
A survey of the history of costume and dress from Egypt through the present
with emphasis on the social, political, and aesthetic expressions of
clothing. Lectures are supplemented by a private collection of over 1300
color slides of original source materials assembled specifically for this
course. Special project required for graduate credit. Course may be taken
out of sequence.
(Formerly TA 321. History of Costume. (3) Change in number, title,
description, credit hours; and addition of graduate credit.)

TA 455. Directing II. (3) (Grad)
Advanced practice in analysis and directing of plays for public performance
Special work required for graduate credit. Prerequisite: TA 364.
(Formerly TA 365. Intermediate Directing. (3) Change in number,
title, description, credit hours; and addition of graduate credit.)

TA 461, 462, 463. Modern Theater. (3, 3, 3) (Grad)
A consideration of theater from the middle of the nineteenth century to
the present through the study of selected plays together with trends in
staging and dramatic criticism. Special research project required for
graduate credit. Course may be taken out of sequence.
(Formerly TA 374, 375, 376. Modern Theater. (3, 3, 3) Change in
number, description, and addition of graduate credit.)

TA 471, 472, 473. Theater History I, II, III. (3, 3, 3) (Grad)
A survey of the history of theater and drama from Greece to the present.
Special work required for graduate credit. Course may be taken out of
sequence.
(Formerly TA 471, 472. Theater History I. Theater History II. (3, 3)
(Grad) Addition to sequence; change in number, title, description,
and credit hours.)

-5-
Old Courses Dropped

TA 145. Improvisational Theater. (3)
TA 345. Advanced Improvisational Theater. (3)
TA 365. Intermediate Directing. (3)
TA 374, 375, 376. Modern Theater. (3, 3, 3)
TA 381, 382. American Theater & Drama. (3, 3)
New Courses

**Bi 220. Elementary Microbiology. (3)**
An introduction to the basic and applied aspects of microbiology, with special emphasis on the role of microorganisms in human affairs. Such fields as nursing, environmental protection, food technology and public health are given special attention. Topics will include microbial growth and death, human disease and spread of infection, immunity to disease, environmental microbiology, food and industrial microbiology, and microbial aspects of water and sewage treatment. Three lectures per week.

**Bi 221. Elementary Microbiology Laboratory. (2)**
The lab is designed for science majors and others who need practical experience in culturing and observation of microorganisms. Topics will include culture techniques, use of the microscope for observation of microorganisms and procedures for study of microorganisms in the laboratory and field. Prerequisite: concurrent enrollment in Bi 220. Two 2-hour labs per week.

Changes in Old Courses

**Bi 420. Introductory Microbiology. (5) (Grad)**
Prerequisites: one year of biology, general chemistry and organic chemistry. Graduate credit for the MAT/MST Program only. Three lectures; one 3-hour laboratory period; one recitation period.
(Formerly Bi 321. Change in number, prerequisites; and addition of graduate credit.)

**Bi 481, 482. Microbial Physiology. (3, 3) (Grad)**
Prerequisites: Bi 420 and either Bi 335 or a course in biochemistry.
(Formerly Advanced Microbiology. Change in title and prerequisites.)

CHEMISTRY

Old Courses Dropped

**Ch 438. Organic Qualitative Analysis. (3) (Grad)**

EARTH SCIENCES

New Courses

**G 422. Introduction to Seismology. (3) (Grad)**
Study of earthquakes. Topics to be discussed include: principles of seismographs, earthquake magnitude, energy and intensity, theory of elastic waves, interpretation of seismic waves, source mechanisms, earthquake prediction, and seismic risk. Prerequisites: 1 year of Calculus, 1 year of Physics, G 202, or consent of instructor.

**G 423. Computer Applications in Earth Science. (3) (Grad)**
Application of digital computers to problems in Earth Sciences. Topics covered are analysis of data collected along a traverse, over a map area, and multivariate data. Applications to stratigraphic sections, chart recordings, sample locations, mapping, trend surfaces, and clustering. Prerequisites: Mth 350, G 393, and Mth 365 or equivalent, or consent of instructor.
G 484. Field Geophysics. (3) (Grad)
Applications of geophysical techniques to solving a field problem. Methods applied include gravity, resistivity, refraction, and magnetics. Includes at least one weekend in the field and production of a final report with data and conclusions. Prerequisite: G 420 or equivalent.

G 595. Physical Processes in Geology. (3)
Studies of physical geologic processes, such as intrusion, folding and fracturing, and flow of ice, lava, and debris. Includes application of rheology, mechanics and boundary conditions to solutions of problems in structural geology, geomorphology, and engineering geology. Prerequisites: 1 year of Physics, 1 year of Calculus, G 391, and consent of instructor.

Changes in Old Courses

G 412. Igneous and Metamorphic Petrography. (4) (Grad)
Petrographic methods in description and classification of igneous and metamorphic rocks. Prerequisites: G 312, 313, 314, or consent of instructor. Two lectures; two 2-hour laboratory periods.
(Change in credit hours from 3 to 4, lecture hours from 3 to 2, and add laboratory hours.)

G 452. Geology of the Oregon Country. (3) (Grad)
Prerequisites: upper division standing and one of the following: G 202, 450, 451, 453, or consent of instructor.
(Change in prerequisites.)

G 573. Geology of Land Use. (3)
Geoanalysis, the application of geology to land use planning and regulation, including determination of regional and local suitabilities (resources) and limitations (hazards). Prerequisites: G 470, or G 494, or G 570, or consent of instructor.
(Formerly Environmental Geology. Change in title, description, and prerequisites.)

ENGINEERING AND APPLIED SCIENCE

New Courses

ASE 304. Energy and Society. (3)
Study of the energy problem - a complex societal problem which has a major technical component. Designed to help non-science majors understand the technical side of the energy problem as well as the multidisciplinary effects of technical decisions on the social, political, and economic framework. Examination of energy requirements and usage, energy resources, methods for producing energy, environmental and economic implications of energy production, energy conservation, and energy policies. Power production techniques utilizing coal, nuclear, solar, wind, geothermal, and other energy sources will be studied. Prerequisite: upper division standing.
ASE 445. Urban Transportation Systems. (3) (Grad)
Land use and population distribution over the urban area, resultant travel demand, urban transportation planning, travel-demand forecasting, trip generation, trip distribution analysis, route assignment. Graduate credit allowed for majors with the approval of graduate advisor. Prerequisites: ASE 489, or consent of instructor.

ASE 474. Mechanical Engineering Testing and Evaluation Laboratory. (3)
Testing and verification of theory, design and laboratory evaluation of performance of mechanical components and systems. Prerequisites: ASE 311, 322, 323, and 495, or consent of instructor. Two lectures; one 3-hour laboratory period.

ASE 479. Unit Operations of Sanitary Engineering. (3) (Grad)
Unit operations of water and wastewater treatment; pretreatment; sedimentation, filtration, aeration, disinfection, sludge treatment and disposal, advanced wastewater treatment processes. Graduate credit allowed for majors with approval of graduate advisor. Prerequisites: ASE 462, ASE 488, or consent of instructor.

ASE 590. Advanced Stress Analysis of Mechanical Components. (3)
Advanced analytical techniques in stress and deflection computations; applications to problems involving complex geometry, loading conditions and material behavior. Advanced methods in elasticity, plasticity, energy methods and finite element techniques applied to the solution of structural and mechanical systems. Prerequisites: ASE 487 or ASE 491, or consent of instructor.

MATHEMATICS

New Courses

Mth 447. Topics in Number Theory. (3) (Grad)
Selected advanced topics in number theory. Consent of instructor required. Prerequisite: Mth 347 or equivalent.

Mth 591. Topics in Analysis for High School Teachers. (3)
Selected topics in analysis for high school teachers. Consent of instructor required. Prerequisite: Mth 311 or equivalent.

Mth 593. Topics in Geometry for High School Teachers. (3)
Selected topics in geometry for high school teachers. Consent of instructor required. Prerequisite: Mth 331 or equivalent.

Mth 594. Topics in Algebra for High School Teachers. (3)
Selected topics in algebra for high school teachers. Consent of instructor required. Prerequisite: Mth 341 or equivalent.
Changes in Old Courses

Ph 101, 102, 103. Essentials of Physics. (3, 3, 3)
An elementary introduction to the basic principles of physics, their interpretation and application. Energy conversion is a central concept. This course is designed to accommodate students in science-related areas of study and students in all other fields. It does not fulfill the requirements for science majors. Prerequisites: Mth 95 or equivalent proficiency, and concurrent enrollment in Ph 104, 105, 106. Three lectures.
(Change in description, credit hours from 2 to 3, and lecture hours.)

Ph 367, 368, 369. Methods of Experimental Physics I. (2, 2, 2)
Lecture, demonstration, and experimental work designed to acquaint the student with experimental techniques and instrumentation basic to physics research. The first two terms emphasize basic electrical measurements and devices while the last term deals with application to modern physics. Prerequisites: Ph 201, 202, 203 or Ph 207, 208, 209. One 4-hour laboratory period.
(Formerly Ph 414, 415, 416. Methods of Experimental Physics II.
(2, 2, 2) (Grad) Change in number, title, description, prerequisites; and deletion of graduate credit.)

Ph 414, 415, 416. Methods of Experimental Physics II. (2, 2, 2) (Grad)
Advanced experiments in physics with special emphasis on optics and heat during first two terms; independent projects in a current research area of the department during the third term. Prerequisites: concurrent enrollment in or previous completion of Ph 364, 365. One 4-hour laboratory period.
(Formerly Ph 367, 368, 369. Methods of Experimental Physics I.
(2, 2, 2) Change in number, title, description, prerequisites; and addition of graduate credit.)
Old Courses Dropped

Anth 490. Peoples and Cultures of Europe. (3)

ECONOMICS

Change in Old Course

Ec 344. Labor Economics. (3)
History and structure of the American labor movement. Introduction to labor legislation, collective bargaining, labor markets, wage theory, and the market for college-educated labor. Selected problems and issues in manpower policy. Prerequisites: Ec 201, 202, 203.
(Change in description.)

GEOGRAPHY

Changes in Old Courses

Geog 205. The Developed World. (3)
An introduction to the human elements of geography in technologically advanced societies. Examines the nature of cities, industries, trade, and agriculture in North America, Western Europe, the Soviet Union, and Japan.
(Formerly The Urban and Economic Landscape. Change in title and description.)

Geog 206. The Developing World. (3)
An introduction to the problems of the emergent countries. Explores the physical and human environments of Africa, the Middle East, Latin America, and Monsoon Asia.
(Formerly Social and Political Regions. Change in title and description.)

Geog 338. Reading Maps and Air Photos. (3)
(Formerly Geog 219. Change in number.)

Old Courses Dropped

Geog 219. Reading Maps and Air Photos. (3)

POLITICAL SCIENCE

Changes in Old Courses

PS 412. The Presidency. (3-5) (Grad)
Prerequisites: PS 201, 202; or PS 211; or consent of instructor.
(Change in prerequisites.)

PS 413. Congress. (3-5) (Grad)
Prerequisites: PS 201, 202; or PS 211; or PS 411; or consent of instructor.
(Change in prerequisites.)
COLLEGE OF SOCIAL SCIENCE - continued

POLITICAL SCIENCE - continued

Changes in Old Courses - continued

PS 421. Constitutional Law: The Supreme Court and the Judicial Process. (3-5) (Grad)
   Prerequisites: PS 201, 202; or PS 211; or PS 411; or consent of instructor.
   (Change in prerequisites.)

PS 422. Constitutional Law: The Supreme Court, Politics, and the Constitution. (3-5) (Grad)
   Prerequisites: PS 201, 202; or PS 211; or PS 411; or consent of instructor.
   (Change in prerequisites.)

PS 423. Constitutional Law: The Supreme Court and Civil Liberties. (3-5) (Grad)
   Prerequisites: PS 201, 202; or PS 211; or PS 411; or consent of instructor.
   (Change in prerequisites.)

PS 431. State and Local Governments and Politics. (3-5) (Grad)
   Prerequisites: PS 201, 202; or PS 211; or PS 411; or consent of instructor.
   (Change in prerequisites.)

PS 432. Metropolitan Governments and Politics. (3-5) (Grad)
   Prerequisites: PS 201, 202; or PS 211; or PS 411; or consent of instructor.
   (Change in prerequisites.)

Old Courses Dropped

PS 445. Foreign Policies of the Major Powers. (5) (Grad)

PS 459. Politics & International Relations of Central Europe. (5) (Grad)

SOCIOLOGY

Old Courses Dropped

Soc 470. History of Social Thought. (3)

SOCIAL SCIENCE

New Course

SSc 410. Selected Topics. Credit to be arranged.
SCHOOL OF BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION

New Courses

BuAd 3 . Financial Analysis for Decision Making. (3)
Application of financial analysis techniques to evaluating a firm, setting
goals and measuring performance; implication of financial decisions on
marketing, production, and other functional areas. Prerequisite:
FinL 359.

BuAd 3 . Computer-Based Business Systems. (3)
A study of how the computer has facilitated effective business decision
making; development of computer-based information systems; nature of data
an information system can and cannot process; impact of information systems
on organizations.

ACCOUNTING

New Courses

Actg 5 . Tax Research Methods. (3)
Methods of researching tax rulings and laws in tax accountancy; study of
the administration and responsibilities of tax practice. Prerequisite:
Actg 483.

Actg 5 . Tax Theory and Application. (3)
Analysis of theory of taxation within the environs of the business community
and the effects of taxation upon business and investment decisions, capital
structure, and finance policies. Prerequisite: Actg 5 . (Tax Res. Methods)

Actg 5 . Corporate Formation and Non-liquidating Distributions. (Corporate
Taxation I). (3)
Concepts and principles governing the taxation of corporations and their
shareholders including the effect of taxes on corporate capital structure
and distributions. Prerequisite: Actg 5 . (Tax Research Methods)

Actg 5 . Corporate Reorganizations and Liquidations. (Corporate Taxation
II). (3)
An examination of the effect of taxes on reorganizations and liquidations.
(May be taken prior to Corporate Taxation I.) Prerequisite: Actg 5 .
(Tax Research Methods)

Actg 5 . Tax Planning. (3)
An integrating course that relates business taxation, estate planning,
employee compensation and tax shelters as they may interact with each
other; the format is discussion of case problems and includes client
consultation matters. (This course should be taken after the student
completes 24 credits in the program.)
New Courses - continued

Actg 5 . Taxation of Property Transactions. (3)
Recognition and taxation of gains and losses from sales, exchanges and other transactions involving property, capital gain or loss, tax basis, and holding period. Prerequisite: Actg 5 . (Tax Research Methods)

Actg 5 . Partnership Taxation. (3)
Tax treatment of partnership income; problems associated with the formation, operation, and dissolution of partnerships. Sale, withdrawal, retirement of partners; basis adjustments, unrealized receivables, and substantially appreciated inventory; Subchapter S Corporations compared to partnerships. Prerequisite: Actg 5 . (Tax Res. Mthds)

Actg 5 . Fiduciary Income Taxation. (3)
Federal income taxation of estates and trusts, interrelationship of tax elections with federal estate tax, basis problems; correlation with probate estate or testamentary trust accounting. Prerequisite: Actg 5 . (Tax Res. Mthds)

Actg 5 . Federal and State Tax Procedures. (3)
Tax reporting and collection procedures; administrative and judicial procedures governing tax controversies, the rights and obligations of the taxpayer. Prerequisite: Actg 5 . (Tax Res. Mthds)

Actg 5 . State and Local Taxation. (3)
Examination of issues and taxation other than federal income tax, including property tax processes, sales and use taxes, multistate transactions, manufacturers excise tax, and sumptuary and regulatory excise taxes. Prerequisite: Actg 5 . (Tax Res. Mthds)

Actg 5 . International Taxation. (3)
Taxation of United States citizens and businesses on foreign-source income; topics include the forms of multinational operations, foreign tax credits, and tax treaties. Prerequisite: Actg 5 . (Tax Res. Mthds)

Actg 5 . Computer Applications in Taxation. (3)
An evolving course that orients the student to the use of computers in tax practice; emphasis is on the assistance a computer lends to tax planning and decision making; topics include evaluations of after-tax cash projections of investments, alternative reporting techniques and options in family financial planning. Prerequisite: Actg 5 . (Tax Res. Mthds)

Actg 5 . Estate and Gift Taxation. (3)
An exploration of the United States system of taxing transfers by gift or at death. Incorporates a review of the technical structure to enable the student to understand the role a particular rule does or should perform in a transfer tax system. Designed to enhance comprehension of both theoretical aspects and estate planning in addition to the structural framework. Prerequisite: Actg 5 . (Tax Res. Mthds)
ACCOUNTING - continued

New Courses - continued

Actg 5. Tax Accounting Problems. (3)
A study of tax accounting methods, reporting periods, special elections and consolidated returns. Prerequisite: Actg 5. (Tax Res Mthds)

Change in Old Course

Actg 492, 493, 494. Auditing Concepts and Practices. (3, 3, 3) (Grad)
Auditing standards and procedures observed by Certified Public Accountants in the examination of the financial statements of business and other organizations. Audit standards and objectives, collection of evidence, evaluation of internal control, problems and procedures of verification, preparation of audit programs, work papers, and reports. Effects of statistical sampling and computer concepts and control techniques on the audit process. Prerequisite: Actg 385.
(Formerly Actg 492, 493. Auditing Concepts and Practices. (3, 3) (Grad) and Actg 324. Computer Processing of Accounting Data. (3) Addition to sequence; change in number, description, prerequisites; and addition of graduate credit.)

Old Courses Dropped

Actg 324. Computer Processing of Accounting Data. (3)
Actg 440. Case Problems. (3)

BUSINESS EDUCATION

Changes in Old Courses

BuEd 4. Methods and Materials: Stenography and Office Practice. (3)
A study of commonly accepted teaching strategies for stenographic and office practice classes. Students will become aware of published and teacher-made materials. Teaching practices will be related to theories of learning, and where applicable, the classroom management, evaluation, and grading will be studied and demonstrated. Students will have actual supervised teaching practice in the classroom. Prerequisites: Ed 408 and BuEd 108.
(Formerly BuEd 371. Business Education in Secondary Schools. (3) Division of sequence; change in number, title, description, and prerequisites.)

BuEd 4. Methods and Materials: Personal Finance and Accounting. (3)
A study of commonly accepted teaching strategies for basic business and accounting classes. Students will become aware of published and teacher-made materials. Teaching practices will be related to theories of learning, and where applicable, the psychology of skill-building. Specific techniques of motivation, discipline, planning, classroom management, evaluation, and grading will be studied and demonstrated. Prerequisite: Ed 408 and Actg 213.
(Formerly BuEd 372. Business Education in Secondary Schools. (3) Division of sequence; change in number, title, description, and prerequisites.)
Changes in Old Courses - continued

BuEd 4. Methods and Materials: Typewriting and Office Machines. (3)
A study of commonly accepted teaching strategies for basic typewriting and office machines classes. Students will become aware of published and teacher-made materials. Teaching practices will be related to theories of learning, and where applicable, the psychology of skill-building. Specific techniques of motivation, discipline, planning, classroom management, evaluation, and grading will be studied and demonstrated. Students will have actual supervised teaching practice in a classroom. Prerequisites: Ed 408 and BuEd 125.
(Formerly BuEd 373. Business Education in Secondary Schools. (3)
Division of sequence; change in number, title, description, and prerequisites.)

Old Courses Dropped


FINANCE/LAW

Changes in Old Courses

FinL 326. Legal Environment of Business. (3)
The meaning and nature of law generally, basic sources of law (written, common, administrative); factors which shape the law; rights and duties; state and federal court systems; procedural process by which law is applied to resolve human conflicts in organized society. Prerequisite: upper division standing, or consent of instructor.
(Change in description.)

FinL 327. Legal Problems in Everyday Living. (3)
Responsibility for socially unreasonable conduct including product liability, negligence, intentional wrongs and damages; crimes including criminal responsibility, defenses to crime and rehabilitation; employer-employee relationships including job injury, wage and hours, unemployment compensation and job discrimination; laws of domestic relations including marriage, adoption, divorce, custody, alimony, and child support.
(Change in description.)

FinL 411. Laws of Property and Contracts. (3)
Distinguishing property interests; ownership and transfer of property including deeds, gifts, patents, copyrights, abandoned and lost property. Formation, performance, and enforcement of valid contracts. Also covers 1/3rd of law part of CPA exam.
(Formerly FinL 417. Personal Property Law. (3) (Grad) Change in number, title, description, deletion of prerequisites; and deletion of graduate credit.)
FINANCE/LAW - continued

Changes in Old Courses - continued

FinL 412. Laws of Insurance, Negotiable Instruments and Sales. (3)
Laws of insurance, checks, notes, drafts, banking, bailments, carriers, warehousemen, documents of title, sales, and employer-employee relations. Also covers 1/3rd of law part of CPA exam.
(Formerly 412, 413. Business Law. (3, 3) Division of sequence; change in title, description, and credit hours.)

FinL 413. Laws of Business Organizations and Professional Responsibility. (3)
Laws of agency, sole proprietorships, partnerships, corporations, registration of securities, anti-trust, labor law, bankruptcy, secured transactions, mortgages, suretyship, professional responsibility, business torts, legal ethics, trusts and wills. Also covers 1/3rd of law part of CPA exam.
(Formerly 412, 413. Business Law. (3, 3) Division of sequence; change in title, description, and credit hours; and deletion of prerequisites.)

Old Course Dropped

FinL 417. Personal Property Law. (3)

MANAGEMENT

New Course

Mgmt 1 . Business Computing at PSU. (1)
A study of the Harris computer system at Portland State University; the use of its library of programs; the construction of data files. The student is shown how to modify existing programs in order to simulate specific situations.

Changes in Old Courses

Mgmt 111. Fundamental Computer Concepts. (3)
(Formerly The Computer in Business. Change in title.)

Mgmt 214. Business Communications. (3)
Development of the ability to communicate within an organization on an interpersonal basis and in the form of written and oral expression. Provides means of increasing the effectiveness of the communications process in order to increase the value of information to the organization.
(Change in description.)

Mgmt 329. Production and Operations Systems. (3)
Application of the systems concept and quantitative and behavioral methods of analysis to the operations of the firm. Study of a variety of input/output relationships including manufacturing, involving man, machines, material, and technology, in such terms as process, product, facility, and job design; plant location; material flow; scheduling; cost, quality and inventory control; maintenance; and employee motivation and personnel practices. Prerequisites: BuAd 344, 345.
(Formerly Production Systems. Change in title and description.)
Changes in Old Courses

Mktg 415. Marketing Forecasting and Information. (3) (Grad)
Emphasis will be given to the generation, and analysis of information
from a user's standpoint. Attention will be given to secondary data,
forecasting, and the practical application of information from marketing
research. Prerequisite: Mktg 366.
(Formerly Marketing Research: Data Collection. Change in title,
description, and prerequisites.)

Mktg 416. Consumer and Survey Research. (3) (Grad)
Study of the techniques of marketing research, particularly those related
to survey research including sampling, questionnaire design, means of
data generation, and techniques for data analysis. Prerequisite: Mktg 366.
(Formerly Marketing Research: Data Analysis. Change in title,
description, prerequisites; and addition of graduate credit.)

Old Courses Dropped

Mktg 431. Urban Transportation. (3)

Mktg 471. Carrier Management. (3)
New Courses

Ed 199. Special Studies. Credit to be arranged.

Ed 4. Corrective Reading: Elementary. (3) (Grad)
The course is to help classroom teachers understand and give appropriate assistance to children experiencing difficulty in learning to read. It deals with the analysis and interpretation of children's reading performance; the collection and use of relevant background information; the assessment of reading potential; classroom diagnostic testing; planning and implement activities to help children gain skill, interest, and enjoyment in learning to read; and methods of reporting progress. Prerequisites: Reading II, or consent of instructor.

Ed 4. Corrective Reading: Secondary. (3) (Grad)
Designed to deal with both diagnostic and corrective techniques and materials for coping with the disabled reading in junior and senior high school. Prerequisites: Reading II, or Developmental Reading, or consent of instructor.

Ed 4. School Reading Centers. (3) (Grad)
This course is designed to prepare university students to be able to plan, operate, and utilize a Reading Center for elementary and secondary schools. An essential part of the course is a required field experience. Prerequisite: Corrective Reading.

Ed 4. Advanced Techniques in the Teaching of Reading: Disabled Learner. (3) (Grad)
A comprehensive investigation of methodological considerations in teaching children with response deficits in reading. Although theoretical aspects will be considered, the primary focus will be on the practical aspects of educational intervention and programming. Prerequisite: 86% score on a reading terminology test, or Corrective Reading.

Ed 5. Current Approaches to Teaching Reading. (3)
An examination and comparison of the systems underlying various approaches used to teach reading. Determine the emphasis of particular reading systems through critical review of their components and the interrelationships of these components. Prerequisites: a basic reading course and completion of student teaching.

Ed 5. Administration of School Reading Program. (3)
The course is for current or future administrators, coordinators, curriculum consultants, or teachers whose responsibilities will include leadership roles in the administration of school-wide or district-wide reading programs. It deals with long- and short-term objectives, school organizational patterns, staff competencies, materials selection, program evaluation, needs assessment, and the use of community resources. Prerequisites: completion of 9 hours of an administrative certificate program or a reading endorsement program. Consent of instructor.

Ed 5. Reading for the Creative and Gifted. (3)
A study of the unique reading characteristics of the creative and gifted and an overview of psychological and philosophical understandings important for the teacher teaching reading to these able students. Prerequisites: a basic reading course and student teaching.
New Courses - continued

Ed 5. Enriching Reading in Secondary School. (3)
A study of adolescent psychology and development in relation to reading,
and the role of the teacher as a resource. In-depth investigation of
approaches to literature and reading as an act and introduction to
humanistic objectives, creativity and value clarification through reading.
Prerequisites: a basic reading course and successful completion of
student teaching.

Ed 5. Implications of Vision Problems of Children and Youth. (3)
Physiology, hygiene, anatomy of the eye; refractive errors; pathology
(taught by ophthalmologist); vision screening, visual efficiency, low
vision aids, resources, reading problems, misconceptions, social, educa-
tional and medical implications.

Changes in Old Courses

Ed 450. Early Childhood Education: Growth and Development. (3) (Grad)
Current issues of child study and patterns of child growth and development
related to the education of young children. Taking Ed 450, 451, and 452
in sequence is recommended. Observation of children on a weekly basis
is required. Prerequisites: Psy 311, Ed 251 or 252 or equivalent, or
consent of instructor.
(Change in description and prerequisites.)

Ed 451. Early Childhood Education: Curriculum. (3) (Grad)
Suitable curriculum for children aged 3-7: underlying assumptions, goals,
appropriate materials and activities. Field experience required. Ed 450,
451, 452 taken in sequence recommended. Prerequisites: Psy 311, Ed 251
or 252 or equivalent, or consent of instructor.
(Change in description and prerequisites.)

Ed 452. Early Childhood Education: Programs. (3) (Grad)
Underlying assumptions, organization patterns and teaching methods of a
variety of ECE program models. Ed 450, 451, 452 taken in sequence recom-
mended. Prerequisites: Psy 311, Ed 251 or 252 or equivalent, or consent
of instructor.
(Change in description and prerequisites.)

Ed 453. ECE: Parent and Community Relations. (3) (Grad)
Strategies for working with parents and the community: intra-staff rela-
tionships, eliciting parent cooperation, cultural differences, volunteers,
and adult education. Prerequisite: consent of instructor.
(Formerly Parent and Community Relations. Change in title and
description.)

Ed 469. Developmental Reading and Composition. (3) (Grad)
(Addition of graduate credit.)

Old Courses Dropped

Ed 588. Supervised Counseling Techniques. (3)
New Courses

SW 352. Social Work Practice I. (3)
Introduction to the major methods of social work practice: social casework, social group work, and community organization, with an emphasis on the beginning skills, roles, and functions of the professional social worker. Prerequisites: to be taken concurrently with SW 300, SW 351, or its equivalent.

SW 452. Social Work Practice II. (3)
Advanced study of the methods of social intervention, with a focus on generalist practice in social work. Prerequisites: SW 451, and to be taken concurrently with SW 400.

SW 535. Society and Social Behavior. (2)
This course presents current thinking about social institutions and normative structural arrangements influencing individual, group, and organizational behavior. Attention is given to the economic, sub-cultural and sex-role arrangements shaping contemporary American society. Special focus is placed on the study of class, status, and power in social relationships. Materials are selected for their implications for social work practice.

SW 536. Membership Groups and Individual Behavior. (2)
This course critically explores the social-psychological literature on groups and organizations. Consideration is given to the family, the school, the community - including sub-cultural communities and the workplace as the chief groups in which everyday life takes place. Materials are selected for their implications for social work practice.

SW 537. Human Sexuality. (2)
Introduction to physiology and psychology of human sexuality. Emphasis on communicating about sexuality, and awareness of new methods of sex therapy.

SW 560. Introduction to Community Organization and Social Planning. (2)
Overview to the practice field of community organization and social planning. Generic concepts stressed. Focus on practice of social planners and managers.

SW 561. Social Planning. (2)
Theories and concepts of social planning.

SW 562. Social Administration. (2)
Concepts and practices of administration for the social planner.

SW 563. Interorganizational Analysis. (2)
Elements of interorganizational analysis and their application for social planning and management.

SW 564. Legislative Action and Policy Development. (2)
The legislative process and its implications for the social welfare planner and manager. Focus on the development of social welfare policy.

SW 565. Social Service Delivery Systems. (2)
The delivery of social services, their structure and organization.
New Courses - continued

SW 584. Grant Writing. (2)
Generic approach to the development of grant proposals. Students will experience the actual development of a grant proposal.

Changes in Old Courses

SW 201. Introduction to Social Work. (3)
(Formerly SW 301. Change in number.)

SW 300. Field Instruction. (6)
Prerequisites: to be taken concurrently with SW 351 and SW 352. 3 credits taken each of two terms.
(Formerly Field Observation. (3-9) Change in title, credit hours from 3-9 to 6, and prerequisites.)

SW 400. Field Instruction. (12)
Prerequisites: to be taken concurrently with SW 451 and SW 452; SW 300 or equivalent. 6 credits taken each of two terms.
(Change in credit hours from 9-18 to 12 and prerequisites.)

SW 451. Social Work Practice II. (3)
Prerequisites: SW 352, and to be taken concurrently with SW 400.
(Change in prerequisites.)

SW 520, 521, 522. Social Welfare Services and Policies. (2, 2, 2)
Origins, development, and present structure of social welfare services, including social welfare policy formulation and implementation.
(Formerly Social Welfare Services. Change in title and description.)

SW 524. Social Welfare Policy Analysis. (2)
Formulation and analysis of social welfare policy in a range of fields of practice.
(Formerly Social Welfare Policy. Change in title and description.)

SW 541. Formal Organizations. (2)
Structure and process in large scale organizations and in communities.
(Formerly Theory of Large Group Behavior. Change in title and description.)

SW 570. Community Social Work. (2)
Organization processes and methods for the agency social worker.
(Formerly Introduction to Community Organization. Change in title and description.)

SW 591. Social Service Consultation. (2)
Theory and practice of consultation in a variety of social service settings.
(Formerly Advanced Supervision. Change in title and description.)

Old Courses Dropped

SW 301. Introduction to Social Work. (3)

SW 511, 512, 513. Social Work Issues and Perspectives. (4, 4, 4)
SCHOOL OF URBAN AFFAIRS
ADMINISTRATION OF JUSTICE

New Course

AJ 360. Corrections Counseling. (3)
A study of counseling and interview procedures that are directly related
to correctional settings, including some attention to casework techniques.
Role playing will be an important part of this course. Prerequisites:
AJ 317, PSY 350, or consent of instructor.

AJ 505. Reading and Conference. Credit to be arranged.
AJ 507. Seminar. Credit to be arranged.

Changes in Old Courses

AJ 318. Criminal Justice Strategies: Research. (3)
A critical examination of the usefulness and limitations of research as
applied to criminal justice procedures and programs, with emphasis on the
relationship between research findings and program change. Prerequisites:
AJ 111, 112, 113, or consent of instructor.
(Formerly Correctional Strategies: Research. Change in title and
description.)

AJ 444. Criminal Law: Introduction to Legal Reasoning. (3)
Study of the basic concepts related to criminal law and legal reasoning,
with analysis of the application of criminal law from both historical
and contemporary perspectives. Prerequisites: AJ 111, 112, 113, or
consent of instructor.
(Formerly AJ 444, 445. Criminal Law Process. (3, 3) Division of
sequence; change in title, description, and credit hours.)

Detailed examination of the law of arrest, with an extensive discussion
of search and seizure issues including some study of electronic surveil­
sance and informants. Prerequisites: AJ 444, or consent of instructor.
(Formerly AJ 444, 445. Criminal Law Process. (3, 3) Division of
sequence; change in title, description, credit hours and prerequi­
sites.)

AJ 446. Criminal Law: Fifth Amendment Issues and Court Procedures. (3)
Extensive study of legal issues related to the Fifth Amendment, together
with an examination of legal court procedures including legal research
techniques and mock trial practice. Prerequisites: AJ 445, or consent
of instructor.
(Formerly AJ 451. Criminal Law: The Defense Side. (3) Change in
number, title, description, and prerequisites.)

AJ 447. Legal Issues in the Administration of Justice. (3)
Prerequisites: AJ 444, or consent of instructor.
(Formerly AJ 446. Change in number and prerequisites.)

Old Courses Dropped

SCHOOL OF URBAN AFFAIRS - continued

BLACK STUDIES

New Courses

BSt 221. Survey of Black Literature. (3)
An introductory survey course which examines the writings of blacks since the American revolutionary period until today. Course will also include an overview of the oral tradition of black Americans which provided the foundation of later literary achievements. Finally, an analysis of the impact of the majority culture values and lifestyle as well as literary style will be made to explore the result of these influences on black writing and consciousness.

BSt 413. Slavery. (3)
An examination of the institution which has played a central role in establishing the status and position of the modern black population in American society both in physical and psychological terms. The course will attempt to put information and understandings of slavery in the proper and accurate context of an institution which has been a part of the human experience since the ancient world and which has a legacy and implications far beyond the racially associated perceptions usually attached to it.

BSt 416. Black Urban Education Problems. (3)
Course examines the education systems in major cities being inherited by Blacks. The relationship between public and private education will be studied for impacts on Blacks. Educational system response to Black enrollment will be discussed. Moreover, pertinent literature, e.g. the Coleman Report, Jensen's thesis, and others will be introduced with respect to their overall effect on the curricula offering available to the black child. Topics of concern include community control, citizen involvement, alternative education forms, race relations, faculty-staff responses, modern trends, etc.

BSt 420. Afro-American Experience in the Twentieth Century. (3)
An upper division seminar course designed to examine within a factual framework and on a sound conceptual foundation, the history of the black experience in the twentieth century. Primarily a discussion-reading format augmented with speakers and films. Special consideration will be given to developing in the student the skill to re-examine traditional concepts and approaches to the study of the black experience within the broader context of mainstream developments in American life and history.

BSt 421. Black Writer in America Seminar. (3)
A concentrated examination of significant black literary figures and their impact on American Arts and Letters. The course will identify each quarter a particular author of focus or period of writing and then read, analyze, and discuss the major works and the background information of that period. Special consideration will be given to the relationships between the topic of focus and the larger spheres of American and World writing.
BSt 430. Black Political Thought I. (3)
This class will examine in-depth the political theory of black political leaders in America between 1850 to 1920. The idea is to give students a comprehensive knowledge of black political theory during this time period. Specifically, the course will focus on the thoughts of Martin R. Delaney, Frederick Douglass, Booker T. Washington, William Edward Burghardt Du Bois, and Marcus Garvey.

BSt 431. Black Political Thought II. (3)
This class will examine in-depth the political theory of black political leaders in America between 1920 to 1970. The idea is to give students a comprehensive knowledge of black political theory during this time period. Specifically, the course will focus on the thoughts of A. Philip Randolph, Adam Clayton Powell, Whitney Young, Martin Luther King, Malcolm X, Stokely Carmichael, and Huey Newton.

BSt 505. Reading and Conference. Credit to be arranged.

BSt 507. Seminar. Credit to be arranged.

Change in Old Course

BSt 407. Seminar. Credit to be arranged. (Grad)
Consent of instructor.
(Addition of graduate credit.)

BSt 415. Justice and the Black Experience. (3) (Grad)
(Addition of graduate credit.)

BSt 484. Community Development in Black Ghettos. (3) (Grad)
(Addition of graduate credit.)
New Courses

US 425. Space, Design, and Behavior. (3)
Application of psychological and social concepts to architecture and urban design. The use of space in interpersonal relations (personal space, territoriality, privacy); the impact of density and crowding on human behavior; neighborhoods and neighboring; and cognitive mapping of urban spaces will be covered. Differences between individuals and groups, particularly differences in life-cycle stage, social class, personality, and culture, and their implications for design will be included.

US 426. Neighborhood Preservation and Rehabilitation. (3) (Grad)
This course is designed to acquaint students with the general problems and many solutions available in the area of preservation and neighborhood conservation through legal, legislative, economic, and planning methodologies and tools. The emphasis of this course is not on physical design or actual architectural or building materials employed in the preservation of older buildings but on the procedures and processes which relate to the accomplishment of preservation or rehabilitation projects and plans.

US 446. Environmental Law. (3) (Grad)
This course is designed for the non-lawyer who wishes to become familiar with common law and federal and state statutory and administrative provisions relating to environmental protection. The course begins with common law remedies and constitutional provisions. It then examines federal and state environmental impact or assessment requirements, the Federal Water Pollution Control Act Amendments of 1972, the Federal Clean Air Amendments of 1970, transportation planning requirements, noise regulations, nuclear power, federal land law, water resource development, and other provisions relating to the environment. It offers some practical considerations with regard to litigation, including standing, exhausting administrative remedies and civil and criminal remedies.

US 461. Grantwriting. (3) (Grad)
This course is intended to familiarize students with the principle and procedures of grantwriting, to develop expertise in evaluating grant proposals and to acquaint students with funding sources and the federal and local review processes. Students will be required to study and critique existing proposals, examine both successful and unsuccessful proposals, and to develop proposals in their areas of interest.

US 536. Policy Evaluation Methods. (3)
Survey of the social decision-making methods with emphasis on theory and technique. Topics covered include: economic welfare theory, present value theory and technique, cost-benefit analysis, cost-effectiveness analysis, goals-achievement matrix methods, approaches based on community structure and value, and brief overview of PPBS-type budgeting methods. Principal illustrations taken from land use and environmental decision making. Prerequisites: US 515 or equivalent, or consent of instructor.
New Courses - continued

US 577. Environmental Management. (3)
An accelerated survey of principles and concepts commonly employed in Urban Environmental Management. The following concepts are covered: congestion and pollution, causes of pollution, alternative approaches to pollution control, alternative implementation strategies, taxation for the control of externalities, pollution and energy consumption, water quality management in river basin systems, air quality management, the problem of the private automobile, economics of solid waste disposal, noise pollution. Reading assignments consist of seminal and current literature chosen from the fields of economics, geography, environmental psychology, urban planning, and law.

Old Courses Dropped

US 584. Black Community Development. (3)
HE 420. Driver Education for Teachers. (3) (Grad)
Designed to prepare teachers for driver training courses in the Secondary schools; includes development of instructional units and conducting behind-the-wheel instruction. Prerequisites: Ed 310, Ed 312, Driver's License.

HE 421. Driver Education - Multimedia. (3) (Grad)
Designed to prepare teachers of driver education in the use of driver simulation and multimedia equipment. Prerequisites: Ed 310, ED 312.