

David Genaway
Library

**TO: FULL SERVICE FACULTY, ADMINISTRATION, AND
STUDENT GOVERNMENT**

FROM: VIRGINIA PHILLIPS, SECRETARY, ACADEMIC SENATE

**RE: MEETING OF THE ACADEMIC SENATE
WEDNESDAY, APRIL 3, 1991, 4:00 P.M.
ARTS AND SCIENCES AUDITORIUM, ROOM 132, DEBARTOLO HALL**

AGENDA

1. Call to Order.
2. Approval of Minutes for March 6, 1991, meeting. *HEI*
3. Elections and Balloting Committee Report.
4. Charter and Bylaws Committee Report.
5. Senate Executive Committee Report.
6. Reports of Other Senate Committees.
 - 901-18 Library and Media Services Committee Report.
 - 901-19 Continuing Education Subcommittee Report.
 - 901-20 Academic Programs Division Committee Report.
 - 901-21 University Curriculum Division Committee Report.
7. Unfinished Business.
 - 901-14 Computer Services Committee Report.
 - 901-15 Minority Access/Success Committee Report.
8. New Business.
9. Adjournment.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date 2/27/91 Report Number (for Senate use only) 901-18

Name of Committee submitting report Library and Media Services Committee

Committee status: (elected chartered, appointed chartered, ad hoc, etc.) appointed

Names of Committee members: Dora Bailey, Martin Cala; Thomas Copeland (chair), Hugh Earnhart, Timothy Gambrel, David Genaway, Beverly Howse, Floyd Jackson, Tedrow Perkins, David Robinson, Monica Rusnov, Eugene Sekeres, David Sweetkind, John Yemma

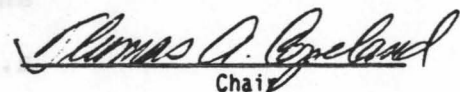
Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) The committee proposes a study of the feasibility of expanding library facilities to encompass non-print media and of how to permit ready access to and transfer of non-print media to and from multiple locations on campus.

Do you anticipate making a formal motion relative to the report? Yes.

If so, state the motion: We move the adoption of the attached proposal to study the integration and distribution of library / information / media services.

If there are substantive changes made from the floor in your committee recommendations, would the committee prefer that the matter be sent back to committee for further consideration? Yes.

Other relevant data: _____


Chair

PROPOSAL SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Proposal:
**Study for Integration and Distribution of
Library / Information / Media Services**

- Whereas:*
1. Except for a small collection of audio recordings of music and the Oral History tapes, the library's holdings are print only, despite the fact that other media are becoming increasingly important in the closing years of the twentieth century and despite the fact that print is not a suitable medium for many culturally relevant data.
 2. Other data of great value (the art department's slide collection), although carefully preserved, are of limited or no accessibility to the university community and are not centrally catalogued.
 3. The Media Center (which reports through the Administrative Services command chain) has impressive holdings of non-print media which are catalogued only in the university's mainframe. These holdings are functionally inaccessible to students.
 4. The Computer Center has an extensive library of software, which is catalogued only in its own files.
 5. At least two of the university's colleges maintain materials centers which are professionally staffed quasi-libraries having independent cataloguing systems, but which are not a part of the university's library system.

Therefore, we propose a project intended to bring YSU's communication capability into the realm of the contemporary.

I. Phase 1: an adequately funded study of the problem.

A. Focus areas

1. The feasibility of expanding library facilities and services to encompass non-print data.
 - a. Developing an integrated central catalog for all of YSU's holdings, regardless of medium.

b. Developing a circulation system to facilitate easy access to such holdings.

c. Redesignating the existing (or new) Materials Centers as satellite libraries focusing on specialized holdings.

(1). With terminals accessing the libraries' various computer systems.

(2). With readily available user stations for any media holdings that require them.

(3). As repositories for specialized holdings (including print) of interest primarily to specialized academic disciplines.

2. The nature and extent of the system needed to permit ready access and transfer of non-print media to and from multiple locations on campus.

B. Procedural details

1. The study Committee shall include the Provost, the University Librarian, and the directors of the Computer Center, the Foreign Languages Laboratory, the Curriculum Resource Center, the Fine and Performing Arts Materials Center, and the Media Center, or their designees, together with an equal number of faculty members from each of the Colleges of the University.

2. The committee's recommendations shall be submitted to the Senate for approval.

II. Phase 2: the planning and execution of any campaign necessary to implement the recommendations of Phase 1.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date March 22, 1991 Report Number (For Senate Use Only) 901-19

Name of Committee Submitting Report Continuing Education Subcommittee

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.) _____

Appointed Chartered

Names of Committee members: C. Campbell, H Chen, B Angle, S. Husain, D. Rost
(Chair), L Hicken, S. Kale, V. Wan-Tatah, J. Lock, G. Mapley, D. Sweetkind,
A. Davis

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) Will be presenting a brief summary of this
Subcommittee's recommendations to the Academic Planning Committee.

Do you anticipate making a formal motion relative to the report? No

If so, state the motion: _____

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? _____

Other relevant data: _____

Quam F. Rost
Chair

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Resubmitted March 25, 1991
Date 2-21-91 Report Number (For Senate Use Only) 901-14

Name of Committee Submitting Report Computer Services Committee

Committee Status: (elected chartered, appointed chartered, ad hoc, etc.)

~~Appointed Chartered~~

Names of Committee Members: J. Buoni, T. Doctor, K. Duda, G. Mapley,
V. Phillips, G. Kudav, L. Sellaro, G. Sutton, M. Taylor, E. Usip, J. VanGalen


Please write a brief summary of the report which the Committee is submitting to the Senate (attach complete report): Several recommendations relating
to Academic Computing, 1 recommendation relating to proposed Network
2 recommendations on Senate Committees
addressed in Strategic Plan Draft,

ewxinnwbsRUI

Do you anticipate making a formal motion relative to the report? yes
If so, state the motion: Move Senate endorse recommendations included
in attached report

If there are substantive changes made from the floor in your committee recommendation, would the committee prefer that the matter be sent back to committee for further consideration? No--Academic Planning needs our
input and Senate response

Senate 89-90/covlet.sen


Chairman (please initial)

REPORT to SENATE

Revised and resubmitted by Computer Service Committee

March 25, 1991

ACADEMIC COMPUTING:

RECOMMENDATION 1: GRANT PROPOSALS and MATCHING FUNDS

"We strongly encourage individual schools and departments to apply for grant funding to assist in the procurement of computer technology for use by its separate members and to encourage the Administration and the Board of Trustees to establish funds which could be used for grant matching purchases."

RECOMMENDATION 2: COMPUTER/WORKSTATION LABS

"To enhance learning and teaching, it is recommended that additional computer/workstation labs to be located in such schools and departments that would benefit from them. Such labs will require supervision when open."

**RECOMMENDATION 3: UNDERGRADUATE AND GRADUATE
INFORMATION SYSTEMS SPECIALIST
PROGRAMS**

"It is suggested that both undergraduate and graduate academic degrees be developed to address an emerging and rapidly growing demand for Information System Specialists. In the interim it is suggested that interested departments develop an undergraduate model curriculum to be used for Individual Curriculum Programs.

**RECOMMENDATION 4: FACULTY, STAFF, STUDENT HARDWARE/
SOFTWARE PURCHASES**

"In order to expand and facilitate faculty and student computer use, the University should provide for and advertise opportunities for faculty and students to purchase computers at University rates. The University Bookstore should stock appropriate software for purchase by faculty, staff, and students."

RECOMMENDATION 5: EXTENDED HOURS FOR COMPUTING FACILITIES

"In order to make computer service more accessible to students, the Meshel Hall facility should significantly extend operating hours (sixteen hours per day, seven days per week) and/or computer facilities should be added to Maag Library, University dorms, and other University community access areas."

RECOMMENDATION 6: TO INCLUDE BITNET/INTERNET ADDRESS IN UNIVERSITY TELEPHONE DIRECTORY

"BitNet/Internet addresses for all University personnel should be included in the University Telephone Directory."

RECOMMENDATION 7: TO REPLACE MESHEL HALL EQUIPMENT WITH "STATE-OF-THE-ART" EQUIPMENT

"There is concern over piece-meal replacement of computing in Meshel Hall, the obsolescence of hardware (XT technology is ten years old, AT technology is eight years old), and the lack of system capacity to support current software; therefore, it is recommended that when the Board of Trustees consider budgetary matters, it should be recognized that facilities need to be competitive. This includes computer facilities that should be 'state of the art'."

RECOMMENDATION 8: TO DEVELOP AND/OR PURCHASE MULTIVIDEO, CBT COURSES

"Multivideo, CBT courses be developed and/or purchased to remediate students and provide avenues to computer literacy for faculty, staff, and students."

RECOMMENDATION 9: TO DEVELOP MULTIDISCIPLINE PROGRAMS

"Departments should be encouraged to develop multidiscipline programs; e.g., BET, Art, and English could jointly develop a four-year program in Desktop Publishing and Design or Electronic Publications based largely on existing courses staffed by present faculty."

RECOMMENDATION 10: FOR CLASSROOM ENVIRONMENT AND EQUIPMENT

"Drop-down, electric whiteboards; adequate lighting, including lighting above chalkboards and whiteboards and task lighting when appropriate; projection system connected to hard drive computer with installed software, including presentation management software; ergonomically designed desks and tables that include 'pocket-type' backs to store power strips and other wiring; adequate student work space for group interaction; suspended or built-in television monitors equipped with telecommunications capabilities; interactive workstations that allow the classroom facilitator to receive feedback electronically and to coordinate discussions electronically; auditorium equipped with multimedia equipment and software designed with telecommunications capabilities; lounge areas equipped with suspended television screens with educational programming; facilities for laser disk based hypermedia instruction to allow for open entry, open exit training at users' levels; windows designed to avoid glare; nonstatic carpeting in appropriate colors; telephone system with a dedicated line to allow for security and utilization of technical support; properly designed ventilation systems with attention given to emissions from laser printers; adequate safety features for handicapped students such as the hearing impaired; and appropriate attention to noise levels."

NETWORKING:

RECOMMENDATION 11: PROPOSED NETWORK FOR YSU

"The committee recommends that the University begin installation of a high-speed campus backbone within the next eighteen months. This backbone would initially communicate via the TCP/IP protocol, which is currently the industry standard. Any wiring that is replaced should conform with this backbone. The backbone will be designed and administered under the direction of the Computer Center (It is assumed that Telephone Services will report to the Computer Center and that the combined staffs will be dedicated to all types of campus communications herein described). Given the Networking recommendation, it is further recommended that the telephone services group not spend any significant monies to either upgrade and/or replace the existing system until the network backbone is designed and approved by the University Administration."

SENATE COMMITTEES

RECOMMENDATION 12: PROPOSED SENATE COMMITTEE

It is recommended that the Senate direct the Charter and ByLaws Committee to propose a new Senate Committee to address computer-related classroom/instructional area issues.

RATIONALE:

An issue that the Computer Services Committee feels needs to be addressed is focused on a concern for modernizing classrooms/instructional facilities. Campus-wide, these facilities have not been sufficiently developed to support pedagogy that utilizes state-of-the-art technical equipment. Furthermore, in some buildings, use of up-to-date equipment would be precluded based on the current design and configuration of furnishings found in the classrooms. We suggest formation of a committee which has as its objective the development of recommendations for updating the rooms. The following should be included in the charge to such a committee.

COMPOSITION

Because there are different pedagogical needs based upon the academic field represented, this committee should be comprised of faculty representing a broad perspective of the schools and disciplines that exist at Youngstown State University. There should be at least one representative from each school/college and representatives from facilities, security, safety/ environment, and Information Services (Computer Center, Telephone, Media Center).

CHARGE

The committee should make recommendations for instructional settings, e.g., classrooms, laboratories, and lecture halls covering features such as ergonomic and acoustical design, human engineering, security, safety, and multimedia information needs. In addition, recommendations for a system should be developed that addresses dissemination of information concerning availability of services, software, and hardware. This would be put in place to make it possible to share resources between schools, creating a more efficient and effective university-wide use of classroom equipment and facilities.

RECOMMENDATION 13: CHANGE IN NAME/CHARGE TO COMPUTER SERVICES COMMITTEE

Change name to INFORMATION SERVICES COMMITTEE

Bylaw 6, Section 2 c

(1) Present:

The committee shall be composed of eight faculty members, with representation from each undergraduate college/school of the University; two undergraduate students; three representatives from administration, two of whom shall be an undergraduate college/school Dean, and the Director of the Computer Center as a non-voting ex officio member.

No change proposed. Administrative members should be voting members.

(2) Present

The committee shall be responsible for making recommendations to the Academic Senate, as to policy related to faculty and student instructional and research use of the facilities of the Computer Center.

Change last sentence as follows: "...research use of the information services facilities of the University."

Add

Information facilities includes ALL aspects of information services that impact on faculty and students including microcomputer network (both hardware and software issues), network facilities, E-Mail procedures, computer-related aspects of classroom environments, training facilities and procedures, and multimedia presentations in instructional settings.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

.... Date 3/21/91 Report Number (for Senate use only) 901-20

Name of Committee submitting report Academic Programs Division

Committee status: (elected chartered, appointed chartered, ad hoc, etc.) _____

Appointed - Chartered

Names of Committee members: J. Feist-Willis, Elem. Educ.; L. Harris (Chair) Allied Health
L. Hopkins, Music; R. Krishnan, Management; H. Mehri, Industrial Engineering; J. Sinn,
Student Govt; G. Sutton, Engineering; R. Tabak, Physics & Astronomy.

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) Approved changes in Religious Studies, Philosophy, Geology, and Speech
Communication

Do you anticipate making a formal motion relative to the report? No

If so, state the motion: _____

If there are substantive changes made from the floor in your committee recommendations, would the committee prefer that the matter be sent back to committee for further consideration? _____

Other relevant data: _____

Jan D. Harris
Chair



Academic Programs Division

PD# _____ Date Rec'd _____

Addition of a new program _____ (Complete B, C)

Deletion of an existing program _____ (Complete A, C)

Change in an existing program X (Complete A, B, C)

Program title B.A. - Geology Department Geology

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

See attached for details.

- 1. 54 QH required geology
- 2. Minimum of 8 QH elective geology
- 3. 24 QH required sciences
- 86 QH (of which 62 Q.H. are geology)

B. Describe the requirements of the proposed program. (Attach additional sheets if necessary.)

See attached for details.

- 1. 20 QH required geology
- 2. 16 QH required sciences
- 3. Minimum of 28 QH elective geology
- 4. Minimum of 12 QH elective sciences
- 76 QH (of which 48 QH are geology)

C. Using many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

See attached.

Signatures

Dept. Chairman

Sham Khawaja

Dean

BQ Upzwick 3/7/91

Program Div.

San N. Han

Senate

A. Present Curriculum

Curriculum for the Bachelor of Science degree with a major in Geology.

1. General University requirements.

2. Department requirements: minimum of 64 Q.H. Geology

*505	Physical Geology	4 q.h.
*506	Historical Geology	4 q.h.
*607	Geology Lab	4 q.h.
*604	Megascope Petrography	6 q.h.
701	Geomorphology	6 q.h.
*704	Structural	5 q.h.
705	Paleontology	6 q.h.
706	Economic Mineral Deposits	5 q.h.
801	Mineralogy	6 q.h.
802	Stratigraphy	4 q.h.
803	Optical Mineralogy	6 q.h.
	Field Camp	minimum of 4 q.h.
	Elective Geology Course	4 q.h.

Geology Field Course must carry a minimum of 4 quarter hours of transferable credit. The field camp is chosen in consultation with the advisor and the department curriculum committee.

Electives may be chosen from the following: Geology 602, 702, 703, 707, 804, 806, 811, and 812. The subject areas approved for a minor are: Astronomy, Biology, Chemistry, Civil Engineering, Computer Science (math), Mathematics, or Physics.

Required courses outside the department are: Chemistry 515, 516, 517; Mathematics 571, 572; Physics 501, 502, 503, 502L, 503L, or 510, 610, 611.

The Bachelor of Science degree student majoring in geology must complete a minimum of 64 quarter hours of courses in geology of which 60 quarter hours are specified and 4 quarter hours are elective.

*These courses must be completed prior to attending the course in field geology.

B. B.A. - Geology

I Required Courses (36 Q.H.)

- Geology 505 - Physical Geology
- 513 - Physical Evolution of North America
- 514 - Life of Geologic Past
- 608 - Geology Laboratory
- 615 - Geology and the Environment I
- Chemistry 515, 516
- Biology 508
- Computer Sciences 530

II Geology Electives (minimum of 28 Q.H.)

- Geology 602, 701, 702, 704, 704L, 706, 708, 801, 802, 803, 804, 815, 805* (Max. 5 Q.H.)
- [* May include Field Geology]

III Science Electives (minimum 12 Q.H.)

- Biology 506, 507, 780
- Chemistry 517, 603, 751+, 752+
- Geography 661, 737
- Civil Engineering 736, 837, 884
- [+ Same as Biology or C.E. 751, 752]

Date Rec'd

FDE

(Complete B. C.)

(Complete A. C.)

C. The disciplines of geology and employment opportunities are changing. Accordingly, the program needs to be updated and revised in order to better serve the student and his/her career directions.

Also, the B.A. program has been too much like the B.S. program. Changes are introduced to provide more flexibility for student choices.

We do not expect that there will be need to change frequency of course offering, staffing, budget, library holdings, etc.

These changes will not have direct impact on other departments.

Describe the requirements of the proposed program. Attach additional sheets if necessary.

See attached for details.

1	37 O.H.	reduced geology
2	17 O.H.	elective geology
3	4 O.H.	other geology electives
4	32 O.H.	support sciences
90 O.H. Total (of which 58 are geology)		

State any additional costs as are necessary.

Provide a rationale and estimate how this additional change of program will impact upon the resources of departments other than the originating one (e.g. enrollment, frequency of support-course offerings, existing budgets, equipment, duplicate courses, etc.).

See attached.

Signature

Dept. Chairman

Program Div.

Secret



Academic Programs Division

PD# Date Rec'd

Addition of a new program _____ (Complete B, C)

Deletion of an existing program _____ (Complete A, C)

Change in an existing program X (Complete A, B, C)

Program title B.S. Geology Department Geology

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

See attached for details.

- 1. 60 Q.H. required geology courses
- 2. Minimum 4 Q.H. geology electives
- 3. 33 Q.H. required support sciences
- 97 Q.H. Total (of which 64 are geology)

B. Describe the requirements of the proposed program. (Attach additional sheets if necessary.)

See attached for details.

- 1. 37 Q.H. required geology
- 2. Minimum 17 Q.H. elective geology
- 3. Minimum 4 Q.H. other geology electives
- 4. Minimum 32 Q.H. support sciences
- 90 Q.H. Total (of which 58 are geology)

C. Using many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

See attached.

Signatures

Dept. Chairman Sham Khawaja

Dean B.J. Yozwiak 3/7/91

Program Div. Lance N. Ham

Senate _____

A. Present Curriculum

Curriculum for the Bachelor of Science degree with a major in Geology.

1. General University requirements.
2. Department requirements: minimum of 64 Q.H. Geology

*505	Physical Geology	4 q.h.
*506	Historical Geology	4 q.h.
*607	Geology Lab	4 q.h.
*604	Megascopic Petrography	6 q.h.
701	Geomorphology	6 q.h.
*704	Structural	5 q.h.
705	Paleontology	6 q.h.
706	Economic Mineral Deposits	5 q.h.
801	Mineralogy	6 q.h.
802	Stratigraphy	4 q.h.
803	Optical Mineralogy	6 q.h.
	Field Camp	minimum of 4 q.h.
	Elective Geology Course	4 q.h.

Geology Field Course must carry a minimum of 4 quarter hours of transferable credit. The field camp is chosen in consultation with the advisor and the department curriculum committee.

Electives may be chosen from the following: Geology 602, 702, 703, 707, 804, 806, 811, and 812. The subject areas approved for a minor are: Astronomy, Biology, Chemistry, Civil Engineering, Computer Science (math), Mathematics, or Physics.

Required courses outside the department are: Chemistry 515, 516, 517; Mathematics 571, 572; Physics 501, 502, 503, 502L, 503L, or 510, 610, 611.

The Bachelor of Science degree student majoring in geology must complete a minimum of 64 quarter hours of courses in geology of which 60 quarter hours are specified and 4 quarter hours are elective.

*These courses must be completed prior to attending the course in field geology.

B. S. - Geology

I Required Courses (37 Q.H.)

- Geology 505 - Physical Geology
- 513 - Physical Evolution of North America
- 514 - Life of Geologic Past
- 608 - Geology Laboratory
- 704 - Structural Geology
- 704L - Structural Geology Laboratory
- 708 - Megascopic Petrography
- 801 - Mineralogy
- xxx - Field Camp (min. 4 Q.H.)

II Geology Electives (minimum of 17 Q.H.)

- Geology 615 - Geology and the Environment I
- 701 - Geomorphology
- 706 - Economic Mineral Deposits
- 714 - Principles of Paleontology
- 802 - Stratigraphy & Sedimentation
- 803 - Optical Mineralogy

III Minimum of 4 Q.H. from the following Geology courses: 602, 702, 703, 707, 804, 806, 812, 815.

IV Minimum of 32 Q.H. from the following:

- Chemistry. 515, 516, 517
- Biology 506, 507, 508
- Math 571, 572
- Computer Science 530, 560, 610, 610L, 670
- Physics 501, 502, 502L, 503, 503L
or 510, 610, 611

C. The disciplines of geology and employment opportunities are changing. Accordingly, the program needs to be updated and revised in order to better serve the student and his/her career directions.

Also, the B.A. program has been too much like the B.S. program. Changes are introduced to provide more flexibility for student choices.

We do not expect that there will be need to change frequency of course offering, staffing, budget, library holdings, etc.

These changes will not have direct impact on other departments.

3. Describe the requirements of the proposed program. Attach additional sheets if necessary.

See attachments.

4. Explain any additional items as are necessary. Provide a rationale and estimate how this addition/delimitation/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollment, frequency of support-courses offerings, staffing, budgets, equipment, facilities, courses, etc.).

See attachments. Changes in the requirements for the major in philosophy, and the proposed inventory of courses, should have little or no effect on other academic departments.

Signature: _____
Date: _____
Program Div. _____
Senate _____



Academic Programs Division

PD#

Date Rec'd

Addition of a new program _____ (Complete B, C)

Deletion of an existing program _____ (Complete A, C)

Change in an existing program X (Complete A, B, C)

Program title Major Department Philosophy

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

See attachments.

B. Describe the requirements of the proposed program. Attach additional sheets if necessary.)

See attachments.

C. Using many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

See attachments. Changes in the requirements for the major in philosophy, and the proposed inventory of courses, should have little or no effect on other academic departments.

Signatures

Dept. Chairman

Thomas D. Shepha

Dean

B. J. Mrozowski 3/7/91

Program Div.

James H. Han

Senate

CURRENT REQUIREMENTS FOR THE MAJOR IN PHILOSOPHY

Philosophy

A major is available for students who plan to enter the field of philosophy, the seminar, the ministry, or who wish a liberal arts background, especially for careers in religious education, social service, law, journalism, history, and allied fields.

The major consists of 45 quarter hours above the 500 level, including Philosophy 619, 700, 701, 702, 711, and either 820 or 821.

One-third credit toward the major in Philosophy, up to three quarter hours, will be allowed for any course listed under Humanities.

Proposed Statement of the Requirements for the Major in PhilosophyPhilosophy

A major in philosophy is available for students who plan to enter the field of philosophy, law, professional or medical ethics, the ministry, or other fields requiring a liberal arts background.

The major consists of 45 quarter hours, including philosophy 600; 619; 700; 702; either 701 or 812; 711; and either 820 or 821.

Explanation of Changes:

1. The new language emphasizes the utility of a major in philosophy for careers in law and applied ethics, and deemphasizes the utility of the major for careers in the ministry. More YSU students who plan on attending law school should be majoring in philosophy. Courses such as Critical Thinking, Introduction to Logic, Social Philosophy, and Philosophy of Justice will help students to reason more effectively and to appreciate the theoretical foundations of government and law. As for applied ethics, virtually every major corporation and medical center in the nation employs a professional ethicist and attention needs to be drawn to the indispensability of philosophy in educating individuals to pursue this new and important vocation in our society. Further, while it is true that a major in philosophy was common for dozens of pre-seminary students at YSU in the 1940's through the 1960's, that is no longer the case today. Typically, the relatively few YSU students planning to attend a seminary or other religious institution take a major in religious studies.
2. In respect to specific required courses, the department wishes to give majors in philosophy a greater exposure to important philosophical developments in the current century, and therefore PH 812 is now listed as a requirement such that a student must take either PH 701 - Medieval Philosophy - or PH 812 - 20th Century Philosophy.
3. The paragraph in the current description about the "Humanities" is out of date and confusing, and therefore has been deleted.

AN OUTLINE OF THE CURRICULAR CHANGES IN PHILOSOPHY

True Deletions

None

True Additions

- PH 530 Critical Thinking
- PH 827 Environmental Ethics
- PH 828 Engineering Ethics
- PH 829 Business Ethics

Changes of Level

- PH 725 Biomedical Ethics (PH 825)
- PH 804 Classical Metaphysics
- PH 805 Contemporary Metaphysics } PH 730 Metaphysics

Consolidations

- PH 804 Classical Metaphysics
- PH 805 Contemporary Metaphysics } PH 730 Metaphysics

Revisions (Number, Title, or Description)

- PH 712 Philosophy of Religion
- PH 808 Political Philosophy
- PH 812 Contemporary Philosophy
- PH 822 Selected Topics in Philosophy

See attachments. Changes in the requirements for the major in religious studies, and the proposed inventory of courses, should have little or no effect on other academic departments.

Program Div. _____
 Dept. Chairman _____
 Date _____



Academic Programs Division

PD# Date Rec'd

Addition of a new program _____ (Complete B, C)

Deletion of an existing program _____ (Complete A, C)

Change in an existing program X (Complete A, B, C)

Program title Major Department Religious Studies

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

See attachments.

B. Describe the requirements of the proposed program. (Attach additional sheets if necessary.)

See attachments.

C. Using many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

See attachments. Changes in the requirements for the major in religious studies, and the proposed inventory of courses, should have little or no effect on other academic departments.

Signatures

Dept. Chairman Thomas A. Sheple Dean B. J. Wojcinski 3/7/91

Program Div. James H. Harris Senate _____

CURRENT REQUIREMENTS FOR THE MAJOR IN RELIGIOUS STUDIES

Religious Studies

A major in Religious Studies is available for the student who desires to prepare for a career in the ministry, counseling, religious education, social work or any field requiring a liberal arts background. The major consists of 45 quarter hours, no more than 12 of which can be taken at or below the 600-level. Majors must take 850 and at least one upper level course in each of the following areas: (1) History of Religion: 705, 706, 707, 708, 830; (2) Methodologies in the Study of Religion: 714, 756, 816, 818, Phil. 712; (3) Biblical Studies: 731, 732, 733; (4) Non-Western Religions: 741, 742, Soc.-Anthro. 815. It is assumed that the remaining hours will be selected in Religious Studies. In some cases, selected courses outside Religious Studies may be accepted as part of the Religious Studies major if they deepen the student's understanding of religion. All such courses must have the approval of a full-time faculty advisor of Religious Studies.

Proposed Statement of the Requirements for the Major in Religious StudiesReligious Studies

A major in religious studies is available for students who desire to prepare for a career in the ministry, counseling, religious education, social work or any field requiring a liberal arts background. The major consists of 45 quarter hours, no more than 8 of which can be taken at or below the 600-level. Majors must take RS 850 and at least one upper level course in EACH of the following areas: 1) History of Religion: 705, 706, 707, 708, 713, 720, 722, 724; 2) Methodologies in the Study of Religion: 751, 752, 756, 758, 816, 818, PH 712; 3) Biblical Studies: 731, 732, 733; 4) Non-Western Religions: 726, 814, PH 740, Anthropology 815. **Remaining Hours:** It is assumed that the remaining hours will be selected in Religious Studies. In some cases, courses outside Religious Studies may be accepted as part of the Religious Studies major if they deepen the student's understanding of religion. All such courses must have the approval of the chairperson.

Explanation of Changes:

1. The new statement of the requirements includes new courses proposed in this package and several other courses which have been in the department's inventory of courses but which did not appear in this list. These already approved but unlisted courses include RS 751 - Liberation Theologies and Revolutionary Change, RS 752 - Feminist Theology and Spirituality, and PH 740 - Philosophy in Africa.
2. The department has significantly reduced the number of 600-level courses in the inventory, and therefore the new language reduces the number of credit hours that may be taken at the 600-level from 12 to 8.
3. To avoid confusion, the department wishes to place the responsibility for deciding whether a course outside religious studies can be counted toward the major with the chair rather than with a faculty advisor.

AN OUTLINE OF THE CURRICULAR CHANGES IN RELIGIOUS STUDIESTrue Deletions

RS 630 Introduction to Biblical Literature
 RS 714 Faith and Philosophy
 RS 750 Religion and Contemporary Issues
 RS 759 Prophetic Religion

True Additions

RS 605 Myth, Symbol, and Ritual
 RS 758 Transpersonal Studies

Changes of Level

RS 612 Islam (RS 720)

RS 613	The Eastern Orthodox Faith	}	RS 722	Christianity
RS 614	The Catholic Faith			
RS 615	The Protestant Faith			

RS 616 Judaism (RS 724)
 RS 742 Mysticism and Meditation (RS 814)
 RS 830 Religion in America (RS 713)

Consolidations

RS 613	Eastern Orthodox Faith	}	RS 722	Christianity
RS 614	The Catholic Faith			
RS 615	The Protestant Faith			

Revisions

RS 501 Contemporary Religion and Society
 RS 601 Introduction to Religious Studies
 RS 705 The Ancient Church
 RS 706 The Medieval Church
 RS 707 The Modern Church
 RS 708 Black Church in America
 RS 731 Old Testament Literature
 RS 732 Jesus and the Gospels
 RS 733 Paul and the Development of Early Christianity
 RS 741 Buddhism
 RS 751 Liberation Theologies and Revolutionary Change
 RS 752 Feminist Theology and Spirituality

Revisions, continued

- RS 756 Psychology of Religion
- RS 810 Religion in America
- RS 816 The Makers of Modern Religious Thought
- RS 818 Contemporary Theological Figures
- RS 870 On-Site Studies in Religion

True Revisions

- RS 630
- RS 714
- RS 750
- RS 759

True Additions

- RS 602 Myth, Symbol, and Ritual
- RS 758 Transpersonal Studies

Changes of Level

- | | | |
|--------------|--------|--|
| | | RS 612 Islam (RS 730) |
| Christianity | RS 722 | RS 613 The Eastern Orthodox Faith |
| | | RS 614 The Catholic Faith |
| | | RS 615 The Protestant Faith |
| | | RS 616 Judaism (RS 734) |
| | | RS 723 Mysticism and Meditation (RS 814) |
| | | RS 830 Religion in America (RS 713) |

Consolidations

- | | | |
|--------------|--------|-------------------------------|
| Christianity | RS 722 | RS 613 Eastern Orthodox Faith |
| | | RS 614 The Catholic Faith |
| | | RS 615 The Protestant Faith |

Revisions

- RS 501 Contemporary Religion and Society
- RS 601 Introduction to Religious Studies
- RS 705 The Ancient Church
- RS 706 The Medieval Church
- RS 707 The Modern Church
- RS 708 Black Church in America
- RS 709 Old Testament Literature
- RS 712 Jesus and the Gospels
- RS 713 Paul and the Development of Early Christianity
- RS 741 Buddhism
- RS 751 Liberation Theologies and Revolutionary Change
- RS 752 Feminist Theology and Spirituality

OVERVIEW OF PROPOSED CURRICULUM CHANGES IN RELIGIOUS STUDIES

Staffing in religious studies has grown in recent years requiring us to adjust our course offerings in order to take maximum advantage of our individual and collective academic strengths. In addition, we want to fine tune some of our course descriptions, to adjust the levels at which certain courses are offered, and to change selected course numbers to insure the most coherent ordering of our courses in the catalogue.

The main thrust of our proposed changes are as follows:

1. We are reducing the emphasis on Christianity in our curriculum and pursuing a more balanced representation of world faiths. While courses dealing with Christian theology and history still outnumber courses dealing with non-Christian religions, as is perhaps appropriate for our cultural context, we are seeking a genuinely global perspective in our curriculum. Accordingly we have:
 - a. Changed the title and description of RS 601 (**Introduction to World Religions**) to reflect a multi-cultural, multi-religious approach and added an introductory course on comparative mythology (RS 605--**Myth, Symbol and Ritual**).
 - b. Consolidated three introductory courses dealing with different Christian denominations (613, 614, 615) into one course on Christianity at the 700-level (722) where it will be on equal footing with courses on Islam (720), Judaism (724), and Buddhism (726).
 - c. Reduced the number of courses dealing with biblical literature (RS 630--**Introduction to Biblical Literature** and RS 759--**Prophetic Religion**) while retaining our three core courses in Old and New Testament studies.
2. Changes in course level.
 - a. We are grouping all our courses dealing with individual religions at the 700-level, removing an inconsistency in our previous curriculum. Previously we were offering some of these courses at the 600-level and some at the 700-level.
 - b. **Mysticism and Meditation** is being moved to the 800-level and **Religion in America** to the 700-level reflecting our reassessment of the kind of background these courses require.
3. Other deletions and Additions.
 - a. **Faith and Philosophy** (714) is being folded into **Philosophy of Religion** (Phil 712) in order to eliminate duplication of subject matter and is being replaced by **Transpersonal Studies** (758).
 - b. **Religion and Contemporary Issues** (RS 750) is being eliminated because it has not been offered on a regular basis for years. New courses added in recent years are addressing the contemporary issues which are of key professional interest to our faculty.



Academic Programs Division

PD# _____ Date Rec'd _____

Addition of a new program _____ (Complete B, C)

Deletion of an existing program _____ (Complete A, C)

Change in an existing program X (Complete A, B, C)

Program title Speech Communication Department Speech Communication and Theatre

A. Describe the requirements of the program as it currently exists. (Attach additional sheets if necessary.)

See attached narrative and curriculum sheet.

B. Describe the requirements of the proposed program. (Attach additional sheets if necessary.)

See attached narrative and curriculum sheet.

C. Using many additional sheets as are necessary, provide a rationale and estimate how this addition/deletion/change of program will impact upon the resources of departments other than the one originating the form (e.g. enrollments, frequency of support-course offerings, staffing, budgets, equipment, duplicate courses, etc.).

No departments other than Speech Communication and Theatre will be impacted by these programmatic changes.

Signatures

Dept. Chairman [Signature]

Dean [Signature]

Program Div. [Signature]

Senate _____

A. Current Requirements

Current requirements include 60 quarter hours to complete the Bachelor of Arts Degree in Speech Communication regardless of emphasis area.

All students emphasizing Speech Communication or Organizational Communication must complete the following courses: SPEECH 500, SPEECH 530, SPEECH 653, SPEECH 698 and SPEECH 754; and either SPEECH 550 or SPEECH 652. These requirements total 21 q.h. of the 60 q.h. to complete degree requirements.

Students with a focus in Speech Communication will complete the following courses, in addition to the 21 hour core requirement above: SPEECH 640, SPEECH 656, SPEECH 670, SPEECH 750 and SPEECH 898. These additional 20 q.h. bring the total required hours to 41 q.h. of the 60 q.h. to complete the degree requirements for the B.A. Degree in Speech Communication, emphasizing Speech Communication. Students then select 19 q.h. to total the 60 q.h. needed to complete degree requirements for the B.A. Degree in Speech Communication.

Students with a focus in Organizational Communication will complete the following courses, in addition to the 21 q.h. core requirement above: SPEECH 657, SPEECH 756, SPEECH 757, SPEECH 857, ENGLISH 743, ENGLISH 743L, ENGLISH 744 and MANAGEMENT 750. These additional 29 q.h. brings the total required hours to 50 q.h. of the total of 60 q.h. to complete the degree requirements for the B.A. Degree in Speech Communication, emphasizing Organizational Communication. Students then select 10 q.h. of electives to reach the 60 q.h. degree requirement total.

PLEASE SEE APPENDIX A FOR A DETAILED LISTING AND DESCRIPTION OF THESE DEGREE REQUIREMENTS.

B. Proposed Requirements

The proposed requirements continue the 60 quarter hour requirement to complete the Bachelor of Arts Degree in Speech Communication regardless of emphasis area.

The proposed requirements for all students emphasizing Speech Communication or Organizational Communication include the following courses: SPEECH 500, SPEECH 530, SPEECH 653, SPEECH 657, SPEECH 698 and SPEECH 754; and either SPEECH 550 or SPEECH 652. These proposed requirements total 25 q.h. of the 60 q.h. needed to complete degree requirements.

The proposed requirements for students with a focus in Speech Communication are, in addition to the 25 q.h. core requirements above: SPEECH 640, SPEECH 656, SPEECH 670, SPEECH 750, SPEECH 755 and SPEECH 898. These additional 24 q.h. bring the total required hours to 49 q.h. of the 60 q.h. to complete the degree requirements for the B.A. Degree in Speech Communication, emphasizing Speech Communication. Students then select 11 q.h. to total the 60 q.h. needed to complete degree requirements for the B.A. in Speech Communication.

The proposed requirements for students with a focus in Organizational Communication are, in addition to the 25 q.h. core requirements above: SPEECH 756, SPEECH 757, SPEECH 857, ENGLISH 743, ENGLISH 743L, ENGLISH 744 and MANAGEMENT 750. These additional 25 q.h. brings the total required hours to 50 q.h. of the total of 60 q.h. to complete the degree requirements for the B.A. Degree in Speech Communication, emphasizing Organizational Communication. Students then select 10 q.h. of electives to reach the 60 q.h. degree requirement total.

PLEASE SEE APPENDIX B FOR A DETAILED LISTING AND DESCRIPTION OF THESE PROPOSED DEGREE REQUIREMENTS.

Changes:

There are only two changes in the requirements included in this proposal. First, SPEECH 657 is moved to the set of core requirements for all Speech emphasis students. This is proposed to ensure all students graduating with a B.A. Degree in Speech Communication, emphasizing Speech Communication, will have the introductory course in organizational communication. Since students will spend all of their careers in some kind of organization, the faculty believe this course an important part of their studies.

Second, SPEECH 755 (Free Speech and Censorship) was added to the degree requirements for students focusing in Speech Communication because of the importance of understanding censorship and the tendrils of what has been and is meant by "free speech" in our society.

Finally, the changes strike a balance in the total required hours for all students seeking a degree in Speech Communication, whether focusing in Speech Communication or Organizational Communication.

Speech Communication Major (Speech Communication Emphasis)

The Speech Communication Emphasis consists of 60 hours in the Department of Speech Communication and Theatre, of which 24 must be in upper division (700- and 800-) courses. All majors must demonstrate a minimum level of competence at typewriter/word-processor keyboard. Speech 500 is required of student majors and must be completed within the first 45 hours.

All majors in the Speech Communication Emphasis must complete the following courses:

500	Introduction to Speech Communication & Theatre	1 q.h.
530	Introduction to Communication	4 q.h.
550/652	Public Speaking/Business & Professional Speaking	4 q.h.
653	Small Group Communication	4 q.h.
698	Understanding Communication Research	4 q.h.
754	Argumentation	4 q.h.
		<u>21 q.h.</u>

Those wishing to focus in Speech Communication should include the following courses:

640	Introduction to Rhetoric	4 q.h.
656	Interpersonal Communication	4 q.h.
670	Oral Interpretation	4 q.h.
750	Advanced Public Speaking	4 q.h.
898	Seminar in Speech Communication	4 q.h.
		<u>20 q.h.</u>

Those wishing to focus in Organizational Communication should include the following courses:

657	Organizational Communication 1	4 q.h.
756	Interviewing	4 q.h.
757	Organizational Communication 2	4 q.h.
857	Organizational Cultures	4 q.h.
Mgmt 750*	Human Behavior in Organizations	4 q.h.
Engl 743*	Technical Writing	4 q.h.
Engl 743L*	Text Processing	1 q.h.
Engl 744*	Proposal and Report Writing	4 q.h.
		<u>29 q.h.</u>

*These courses count toward the 60-hour major. Minors in Management or English see Speech advisor for substitute courses.

APPENDIX B

Speech Communication Major (Speech Communication Emphasis)

The Speech Communication Emphasis consists of 60 hours in the Department of Speech Communication and Theatre, of which 24 must be in upper division (700- and 800-) courses. All majors must demonstrate a minimum level of competence at typewriter/word-processor keyboard. Speech 500 is required of student majors and must be completed within the first 45 hours.

All majors in the Speech Communication Emphasis must complete the following courses:

500	Introduction to Speech Communication & Theatre	1 q.h.
530	Introduction to Communication	4 q.h.
550/652	Public Speaking/Business & Professional Speaking	4 q.h.
653	Small Group Communication	4 q.h.
657	Organizational Communication 1	4 q.h.
698	Understanding Communication Research	4 q.h.
754	Argumentation	4 q.h.
		<u>25 q.h.</u>

Those wishing to focus in Speech Communication should include the following courses:

640	Introduction to Rhetoric	4 q.h.
656	Interpersonal Communication	4 q.h.
670	Oral Interpretation	4 q.h.
750	Advanced Public Speaking	4 q.h.
755	Free Speech and Censorship	4 q.h.
898	Seminar in Speech Communication	4 q.h.
		<u>24 q.h.</u>

Those wishing to focus in Organizational Communication should include the following courses:

756	Interviewing	4 q.h.
757	Organizational Communication 2	4 q.h.
857	Organizational Cultures	4 q.h.
Mgmt 750*	Human Behavior in Organizations	4 q.h.
Engl 743*	Technical Writing	4 q.h.
Engl 743L*	Text Processing	1 q.h.
Engl 744*	Proposal and Report Writing	4 q.h.
		<u>25 q.h.</u>

*These courses count toward the 60-hour major. Minors in Management or English see Speech advisor for substitute courses.

COVER SHEET TO BE ATTACHED TO ALL REPORTS SUBMITTED TO THE ACADEMIC SENATE

Date March 20, 1991 Report Number (for Senate use only) 901-21

Name of Committee submitting report University Curriculum Division

Committee status: (elected chartered, appointed chartered, ad hoc, etc.) _____

Appointed chartered

Names of Committee members: J. Mistovich (chair), T. Kermani, H. Yiannaki, I. Heal,
D. Henneman, P. Munro

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) The attached curriculum proposals have been approved by the
University Curriculum Committee, circulated to the various deans and departments,
and are being presented to the University Senate: 91-112 through 91-125;
91-133 through 91-171 and 91-110.

Do you anticipate making a formal motion relative to the report? No

If so, state the motion: _____

If there are substantive changes made from the floor in your committee recommendations, would the committee prefer that the matter be sent back to committee for further consideration? _____

Other relevant data: _____

Joseph J. Mistovich
Chair

- 91-112 Criminal Justice (Change)
 CRJUS 601. Law Enforcement in the United States
 The evolution, structure, and functions of modern police organizations; the role of police in a democratic society; the impact of social, economic, and political influences; contemporary practices and controversial issues. Prereq.: CRJUS 500. 4 q.h.
- 91-113 Criminal Justice (Change)
 CRJUS 653. Traffic Law and Investigation
 Study of traffic laws concerning operator licensing equipment requirements, and vehicle-related offenses; legal considerations and enforcement philosophy; accident investigation techniques, reports and records; evaluation of accident problems and determining offenses involved. Prereq.: CRJUS 601. 4 q.h.
- 91-114 Criminal Justice (Add)
 CRJUS 714. Forensic Science Investigation
 Scientific study of the significance of physical materials associated with crime scenes and qualitative and quantitative analytical concepts in the examination of the physical evidence. Must be taken concurrently with CRJUS 714L. Prereq.: CRJUS 601. 4 q.h.
- 91-115 Criminal Justice (Delete)
 CRJUS 615. Forensic Science Investigation
 Scientific study of the significance of the physical materials that are associated with specific acts or conditions in investigative situations, qualitative and quantitative analytical concepts in the examination of the physical evidence, criminal investigative and identification techniques. Prereq.: CRJUS 601. 4 q.h.
- 91-116 Criminal Justice (Add)
 CRJUS 714L. Forensic Science in Investigation Laboratory
 Techniques and procedures in crime scene processing with special emphasis upon legal and scientific aspects of the physical evidence. Experiments and demonstrations concerning the examination of the physical and chemical properties of physical evidence. One laboratory class per week of 3 hrs. Taken concurrently with CRJUS 714. Prereq.: CRJUS 601. 1 q.h.
- 91-117 Criminal Justice (Delete)
 CRJUS 615L. Forensic Science in Investigation Laboratory
 Techniques and procedures in crime scene processing with special emphasis upon legal and scientific aspects of the physical evidence. Experiments concerning the examination of the physical and chemical properties of physical evidence such as body fluids, hair fibers, paints, toxic materials and physical impressions, etc. Two laboratory classes per week of 3 hours each. Prereq.: Taken concurrently with CRJUS 615. 2 q.h.

- 91-118 Criminal Justice (Add)
 CRJUS 722. Criminal Procedure
 Legal and practical applications of the laws of arrest, criminal procedure, search and seizure, court structures, and federal civil rights. Prereq.: CRJUS 602. 4 q.h.
 CRJUS 714L.
- 91-119 Criminal Justice (Delete)
 CRJUS 622. Criminal Procedure
 Legal and practical applications of the laws of arrest, criminal procedure, search and seizure, court structures, and federal civil rights. Prereq.: CRJUS 602. 4 q.h.
- 91-120 Criminal Justice (Add)
 CRJUS 765. Human Relations in Criminal Justice
 Methods of coping with conflicts arising from law violation intervention; programs for improving interpersonal relations between police and the community. Prereq.: SOCIO 500, PSYCH 560, and 12 q.h. in CRJUS. 4 q.h.
- 91-121 Criminal Justice (Delete)
 CRJUS 665. Human Relations in Criminal Justice
 Methods of coping with conflicts arising out of intervention for law violations; improvement of understanding of public reactions to the enforcement of law; methods of helping people in conflict with each other; and programs for improving interpersonal relationships between police and the people they serve. Prereq.: SOCIO 500 and PSYCH 560. 4 q.h.
- 91-122 Criminal Justice (Change)
 CRJUS 703. Correctional Case Management
 Theory and techniques of counseling and interviewing the correctional client. Field and clinical situations are simulated to provide experience in interviewing and report writing. Prereq.: CRJUS 701. 4 q.h.
- 91-123 Criminal Justice (Change)
 CRJUS 712. Criminal Justice Research
 Analysis of social research including research design, sampling, measurement, data collection, and analysis and interpretation of findings. Prereq.: CRJUS 710. 4 q.h.
- 91-124 Criminal Justice (Add)
 CRJUS 807. Criminal Justice Internship
 Field experiences in an appropriate criminal justice agency under the direction of experienced and qualified professionals. The grading is CR/NC. May be repeated for a maximum of 12 q.h. Prereq.: Junior standing in CRJUS and CRJUS 715. 4-12 q.h.

- 91-125 Criminal Justice (Delete)
 CRJUS 707. Criminal Justice Internship
 Observational and participating experiences in an appropriate criminal justice agency under the direction of experienced and qualified personnel. In addition there will be an orientation at the beginning of the quarter and a debriefing during the last week of the quarter. Grading is CR/NC. Prereq.: For Corrections majors: CRJUS 710, 702L, 703; for Law Enforcement Administration Majors: CRJUS 715. File application prior to registration. 4-12 q.h.
- 91-133 Economics (Change)
 ECON 707. Economics for Engineers
 A study of American manufacturing: The evolution of major industries, and their technological and economic growth, maturity, current problems, and outlook for the future. Prereq.: Economics 520 and Math 673. 4 q.h.
- 91-134 Political Science (Change)
 POLIT 721. Urban Government
 The structure and politics of urban government, with special attention to intergovernmental relationships. Prereq.: POLIT 601. 4 q.h.
- 91-135 Political Science (Change)
 POLIT 722. State and Local Government
 The political processes and institutions of state and local governments, with special attention to Ohio government. Prereq.: POLIT 601. 4 q.h.
- 91-136 Foreign Languages and Literatures (Change)
 FRNCH 510. Functional Approach to French
 Basic French for travel and everyday situations. Development of speaking ability and listening comprehension through practice, with a minimum of grammar. Students with 3 years of high school French or credit for French 601 or higher receive no credit for French 510. 4 q.h.
- 91-137 Foreign Languages and Literatures (Change)
 GERMN 510. Functional Approach to German
 Basic German for travel and everyday situations. Development of speaking ability and listening comprehension through practice, with a minimum of grammar. Students with 3 years of high school German or credit in German 601 or higher receive no credit for German 510. 4 q.h.
- 91-138 Foreign Languages and Literatures (Change)
 ITALN 510. Functional Approach to Italian
 Basic Italian for travel and everyday situations. Development of speaking ability and listening comprehension through practice, with a minimum of grammar. Students with 3 years of high school Italian or credit in Italian 601 or higher receive no credit for Italian 510. 4 q.h.

- 91-139 Foreign Languages and Literatures (Change)
 RUSSN 510. Functional Approach to Russian
 Basic Russian for travel and everyday situations. Development of speaking ability and listening comprehension through practice, with a minimum of grammar. Students with 3 years of high school Russian or credit in Russian 601 or higher receive no credit for Russian 510.
 4 q.h.
- 91-140 Foreign Languages and Literatures (Change)
 SPAN 510. Functional Approach to Spanish
 Basic Spanish for travel and everyday situations. Development of speaking ability and listening comprehension through practice, with a minimum of grammar. Students with 3 years of high school Spanish or credit in Spanish 601 or higher receive no credit for Spanish 510.
 4 q.h.
- 91-141 Mathematical and Computer Science (Delete)
 MATH 732. Projective Geometry
 An introductory study of projective spaces of dimension one and two (in the setting of Euclidean geometry as well as axiomatically) by synthetic and analytical methods. Prereq.: MATH 673.
 4 q.h.
- 91-142. Mathematical and Computer Science (Change)
 MATH 721, 722. Abstract Algebra 1, 2
 Algebra of sets, relations and functions; elementary group theory; rings, domains, and supportive material from number theory. Prereq.: 725 for 721, 721 for 722.
 3+3 q.h.
- 91-143 Mathematical and Computer Science (Add)
 MATH 830. Projective Geometry
 A study of projective planes using both synthetic and analytical methods; axiomatic foundations; connection to Euclidean geometry. Prereq.: MATH 725 and 721.
 4 q.h.
- 91-144 Chemistry (Change)
 CHEM 501. Introduction to Chemistry
 Chemical concepts and principles with their relation to the properties of simple chemical systems. Development of problem-solving skills. For students without high-school chemistry and others needing preparation for Chemistry 505 or 515. Four hours lecture-recitation; no laboratory. Prereq.: One unit each of high-school algebra and geometry or MATH 511 or equivalent.
 4 q.h.
- 91-145 Chemistry (Delete)
 CHEM 502, 503. Survey of Chemistry 2, 3
 Principles of general, organic, and biological chemistry for students in allied health and other fields not needing more advanced courses in chemistry. Three hours lecture and three hours laboratory with discussion. Prereq.: CHEM 501 or one unit of high school chemistry.
 4 + 4 q.h.

- 91-146 Chemistry (Delete)
 CHEM 502L, 503L
 See Chemistry 502, 503, which include these labs.
- 91-147 Chemistry (Add)
 CHEM 505, 506. Chemistry for the Allied Health Sciences 1, 2
 Fundamentals of inorganic, organic, and biological chemistry including applications to the human organism. Three hours lecture and three hours laboratory-discussion. Prereq.: CHEM 501 or one unit of high-school chemistry; two units of high-school mathematics (algebra or geometry) or MATH 511 or equivalent. 4 +4 q.h.
- 91-148 Chemistry (Add)
 CHEM 505L, 506L.
 See Chemistry 505, 506, which include these labs.
- 91-149 Chemistry (Change)
 CHEM 510. Introduction to Chemistry Laboratory
 Accompanies Chemistry 501, for those desiring laboratory experience. Three hours laboratory-discussion. Prereq. or concurrent: CHEM 501. 1 q.h.
- 91-150 Chemistry (Change)
 CHEM 515, 516, 517. General Chemistry 1, 2, 3
 The fundamental principles and the more important elements and compounds; qualitative analysis. Intended for majors in the natural sciences and engineering. Three hours lecture and three hours laboratory-discussion. Prereq.: Three units of high school algebra and geometry (or MATH 511 and 510 or their equivalents), and one unit of high school chemistry of CHEM 501 or 505. 4+4+4 q.h.
- 91-151 Chemistry (Change)
 CHEM 603, 604 Quantitative Analysis 1, 2
 Chemical equilibrium, stoichiometry, theory of errors, and volumetric and gravimetric procedures as applied to quantitative determinations. Introduction to electroanalytical and spectrophotometric methods. Emphasis on development of technique. Three hours lecture and six hours laboratory. Prereq.: CHEM 517 or 592 for 603. 5 + 5 q.h.
- 91-152 Chemistry (Delete)
 CHEM 691. Introduction to Physical Chemistry
 Elements of thermodynamics, equilibria, states of matter, kinetics, and spectroscopy. Prereq.: CHEM 592 or a 3.60 average in CHEM 515, 516, 517, and MATH 681 or equivalent. 3 q.h.
- 91-153 Chemistry (Delete)
 CHEM 692. Instrumental Techniques
 The use of instrumentation in the study of chemical systems, including spectrometric, electrometric, chromatographic, and thermometric methods. Six hours laboratory-discussion. Concurrent: CHEM 691. 2 q.h.

- 91-154 Chemistry (Change)
 CHEM 705. Nutritional Biochemistry
 Phases of biochemistry of special interest in home economics and dietetics. Credit cannot be received for this course if credit is received for any other biochemistry course. Three lectures and three hours laboratory-discussion. Prereq.: CHEM 506. 4 q.h.
- 91-155 Chemistry (Change)
 CHEM 711, 712. Biochemistry 1, 2
 The chemistry and metabolism of living organisms, with laboratory work to illustrate modern biochemical methods. Primarily designed for Biology and Medical Technology majors. Two hours lecture and three hours laboratory-discussion. Prereq.: CHEM 603, 721; and BIOL 506, 507, 508 or equivalent. 3 + 3 q.h.
- 91-156 Chemistry (Change)
 CHEM 739, 740, 741. Physical Chemistry 1, 2, 3
 Principles and applications of physical chemistry. Three hours lecture and three hours laboratory. Prereq.: CHEM 603; PHYS 610, 611, 610L, 611L or PHYS 650, 502L, 503L. Prereq. or concurrent: MATH 674. 4+4+4 q.h.
- 91-157 Chemistry (Delete)
 CHEM 791, 792, 793. Principles of Organic Chemistry 1, 2, 3
 Organic compounds, reactions, and theories, including and introduction to biochemistry. Three hours lecture. Prereq.: Admission to NEOUCOM-YSU program or consent of instructor and department chairperson, and either CHEM 592 concurrently or CHEM 515, 516 with A's. Concurrent: CHEM 794 with 791, 795 with 793. 3+3+3 q.h.
- 91-158 Chemistry (Delete)
 CHEM 794, 795. Principles of Organic Chemistry Laboratory 1, 2
 Synthetic and analytical procedures or organic chemistry. Three hours laboratory-discussion concurrent: CHEM 791 with 794, 793 with 795. 1 + 1 q.h.
- 91-159 Chemistry (Change)
 CHEM 796. Fundamentals of Biochemistry 1
 Amino acids, nucleic acids, enzymes, and coenzymes; biochemical energetics. Three hours lecture. Prereq.: Admission to NEOUCOM-YSU program or consent of instructor and department chairperson, CHEM 603 and 721. 3 q.h.
- 91-160 Chemistry (Change)
 CHEM 798, 799. Fundamentals of Biochemistry Laboratory 1, 2
 Analysis and separation techniques of biochemistry. Three hours laboratory-discussion. Prereq.: CHEM 603, 721. Concurrent: CHEM 796 with 798, 797 with 799. 1 + 1 q.h.

