

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

FROM: VIRGINIA PHILLIPS, SECRETARY, ACADEMIC SENATE

**RE: MEETING OF THE ACADEMIC SENATE
WEDNESDAY, MAY 2, 1990, 4:00 P.M.
ARTS AND SCIENCES AUDITORIUM, ROOM 132, DEBARTOLO HALL**

AGENDA

1. Call to Order.
2. Approval of Minutes for April 4, 1990, meeting.
3. Elections and Balloting Committee Report.
4. Charter and ByLaws Committee Report.
5. Senate Executive Committee Report.
Report from Faculty Advisory Committee - OBOR.
6. Report of Other Senate Committees.
 - 890-13 Report of Academic Programs and Curriculum Committee, Curriculum Division (Course Attachments).
 - 890-14 Report of Library/Media Services Committee.
 - 890-15 Report of Student Academic Grievance Subcommittee.
 - 890-16 Report of Academic Programs Division.
 - Other Committee Reports.
7. Unfinished Business.
8. New Business.
9. Adjournment.

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

Date March 28, 1990 Report Number (For Senate Use Only) 890-13A

Name of Committee Submitting Report University Curriculum Division

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

Appointed Chartered

Names of Committee members: T. Kermani (Chair), J. Alam, J. Beary, B. Karpak,
J. Mistovich, H. Yiannaki, D. Henneman

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: 90-142 through 90-147, 90-069 and 90-070, and 90-148 through 90-163.

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: _____

T. Kermani
Chair

Prepared by the University Curriculum Division

- 90-074 Home Economics (Add)
HOMECEC 575. Travel and Tourism
A study of history, growth and future of travel and tourism to include the significance of the economic, social and political impact of travel and tourism; focus on markets, transportation, demographics, trends and financial significance related to the hospitality industry.
3 q.h.
- 90-075 Home Economics (Change)
HOMECEC 610. Organization and Management
Concepts of organization and management related to hospitality/health care; selecting, training, developing and supervising for the advancement of personnel. Emphasis will be placed on labor-management relations and legal aspects of the management-guest relationship with particular attention to personal and property liability. 4 q.h.
- 90-076 Home Economics (Change)
HOMECEC 690. Hospitality Internship
Directed practice in a hospitality operation supervised by management. Written and oral reports required. One hour seminar and five hours of directed practice per week. Prereq.: HOMECEC 500, 600, 606, 606L.
2 q.h.
- 90-077 Home Economics (Change)
HOMECEC 691. Hospitality Cooperative Work Experience
Work experience in which the student is expected to assume supervisory responsibilities within an assigned foodservice or lodging facility. One hour seminar and twenty hours work experience per week. Prereq.: HOMECEC 690 and 645 or 625.
3 q.h.
- 90-078 Allied Health (Change)
AHLTH 710. Gerodontology
An indepth study of geriatrics as it relates to dental hygiene care and specific concerns of the elderly. An extramural experience with a geriatric patient will be included. Prereq.: DENHY 503 or permission of the instructor.
4 q.h.
- 90-079 Allied Health (Add)
AHLTH 807. Epidemiology for the Health Care Practitioner
A study of the interrelationship of the host, agent, and environment in determining the causation, frequency, and distribution of disease. Prereq.: Junior standing or permission of instructor.
4 q.h.
- 90-080 Allied Health (Add)
AHLTH 808. Environmental Concerns for the Health Care Practitioner
Industrial hygiene, hazardous and infectious waste, air and water quality, and sanitation policies in health care facilities. Pertinent federal, state, and local legislation included. Prereq.: Associate degree in health related program, AH 708, or permission from the instructor.
4 q.h.

- 90-083 Speech Communication and Theatre (Change)
 SPCH 654. Speech Communication in the Classroom
 A speech fundamentals course adapted to the special needs of teachers. Emphasis on improving interpersonal communication skills, group discussion techniques, and skill in the extemporaneous style of classroom presentation. Required of all students seeking certification in education. Prereq.: Education 501. 4 q.h.
- 90-084 Speech Communication and Theatre (Change)
 SPCH 754. Argumentation
 Theories, principles, and practices of formal argumentation including the written and spoken analysis of issues, evidence, reasoning, refutation, and debate. Prereq.: SPCH 550 or 654 or English 551. 4 q.h.
- 90-085 Speech Communication and Theatre (Change)
 SPCH 750. Advanced Public Speaking
 Advanced theoretical principles in the practice of public speaking and persuasive discourse. Prereq.: SPCH 550 , 652, or 654. 4 q.h.
- 90-086 Speech Communication and Theatre (Change)
 SPCH 705. Speech Problems of Children.
 A consideration of speech improvement for all pupils and of speech correction for pupils with speech and/or hearing problems in kindergarten primary, and intermediate grades. Types of difficulties, techniques, and materials for development and continued use of good voice and acceptable speech. Prereq.: SPCH 654 or permission of instructor. 3 q.h.
- 90-089 Speech Communication and Theatre (Change)
 SPCH 500. Introduction to Speech Communication and Theatre
 Survey of departmental programs, policies, practices and facilities. Emphasis on various aspects of speech communication, telecommunications, and theatre leading to success in the field. To be taken within the first forty-five hours of course work. 1 q.h.
- 90-091 Health and Physical Education (Change)
 HLTH 721. Health Education in the Elementary Grades
 Curricula, principles, planning, methods and materials for the teaching of health in the elementary schools. Approximately fifteen hours of laboratory and/or field work required. Prereq.: HLTH 590 and either upper division status in the HPE Department or in the School of Education or ELED 630. 3 q.h.

- 90-092 Geography (Delete)
 GEOG 723. Political Geography
 Geographical characteristics of nation states. Geographic factors in the evolution, structure, and function of states. Relation of geopolitics to political geography. Prereq.: GEOG 640. 4 q.h.
- 90-093 Geography (Change)
 GEOG 730. Regional Climatology
 A study of the distribution, modification and classification of the earth's climates. Prereq.: GEOG. 630. 4 q.h.
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- 90-095 Electrical (Delete)
 ELEGR 701. Linear Network Synthesis and Design
 RC and LC driving-point impedances. Lossless two-ports and active two-ports with applications to filter design. Sensitivity analysis. Computer-aided design. Prereq.: ELEGR 603, 613, and INEGR 642. 3 q.h.
- 90-096 Electrical (Change)
 ELEGR 702. Fundamentals of Logic Circuit Design
 Introduction to digital design concepts: number systems, Boolean algebra, logic gates, and truth tables. Minimization and design of combinational circuits: maps, variable-entered mapping theory, and reduction techniques. Combinational arithmetic circuits, comparators, multiplexers, coders and decoders, and their practical applications. Prereq.: ELEGR 707. 3 q.h.
- 90-097 Electrical (Add)
 ELEGR 710. Electronic Circuit Design with Operational Amplifiers
 The ideal op amp; performance limitations of nonideal op amps. Large-signal, small-signal and dc amplifiers. Linear circuit applications, filter design. Frequency compensation and stability. Sensitivity and error analysis. Computer-aided design of op amp circuits. Prereq.: ELEGR 708, and INEGR 642. 3 q.h.
- 90-098 Materials Engineering (Delete)
 MTEGR 614, 615. Microstructure Analysis of Metals and Alloys 1, 2
 An introduction to the optical examination and analysis of metallic microstructures. Study of the effects of composition, and of thermal and mechanical processes on microstructure in ferrous and non-ferrous alloys. (One hour lecture + three hours laboratory.) Prereq.: MTEGR 601 or consent of instructor. 2 + 2 q.h.

- 90-122 Materials Engineering (Add)
MTEGR 751. Polymer Materials
Manufacture, structure, and properties of polymers. Emphasis on quantitative treatment of mechanical properties of polymers. Forming and shaping techniques included. Prereq.: MTEGR 603. 4 q.h.
- 90-123 Materials Engineering (Add)
MTEGR 752. Ceramic Materials
Atomic and crystalline structures, microstructures, and properties of ceramics and glasses. Emphasis on mechanical and physical properties including electric and magnetic characteristics. Prereq.: MTEGR 603. 4 q.h.
- 90-124 Materials Engineering (Add)
MTEGR 753. Electronic Properties of Materials
Theoretical aspects of solid state electronic, magnetic, and photonic materials. Processing and applications of solid state devices included. Prereq.: MTEGR 603. 4 q.h.
- 90-125 Materials Engineering (Add)
MTEGR 780. Materials Processing
Stoichiometric and thermodynamic principles applied to processing of materials. Production of steels, non-ferrous alloys, and ceramic materials included. Prereq.: CHEGR 681. 4 q.h.
- 90-126 Materials Engineering (Add)
MTEGR 854. Composite Materials
Structure and engineering properties of composite materials. Emphasis on numerical treatment of mechanical behavior. Case studies on design and manufacture of composite materials included. Prereq.: MTEGR 753. 4 q.h.
- 90-127 Physics and Astronomy (Add)
PHYS 601. General Physics for Applied Medical Studies 1
Kinematics and dynamics of translation and rotation; energy, momentum, equilibrium; elasticity and bulk properties of solids. This course is designed primarily for students enrolled in the NEOUCOM-YSU program, and for students enrolled in premedical curricula. Prereq.: MATH 520, or equivalent high school trigonometry. Prereq. or concurrent: MATH 550 or 581H or 572. 4 q.h.
- 90-128 Physics and Astronomy (Add)
PHYS 602. General Physics for Applied Medical Studies 2
Electricity and Magnetism, fluids, heat and thermodynamics. This course is designed primarily for students enrolled in the NEOUCOM-YSU program, and for students enrolled in pre-medical curricula. Prereq.: PHYS 601. 4 q.h.
- 90-129 Physics and Astronomy (Add)
PHYS 603: General Physics for Applied Medical Studies 3
Waves, sound, optics, atomic physics, quantum mechanics, nuclear structure and radiation. This course is designed primarily for students enrolled in the NEOUCOM-YSU program, and for students enrolled in pre-medical curricula. Prereq.: PHYS 602. 4 q.h.

- 90-130 Mathematical and Computer Sciences (Add)
MATH 795. Topics in Mathematics
The study of a mathematical topic or the development of a special area of mathematics. May be repeated. Pererq.: Permission of instructor and department chairperson. 2-5 q.h.
- 90-131 History (Add)
HIST 794. The First World War
An examination of the origins of the war, the social, economic, intellectual and political repercussions, and the technical and military developments. Prereq.: HIST 656. 4 q.h.
- 90-132 History (Add)
HIST 785. History of Modern Italy, 1815- present
A survey of Italian history from the Risorgimento to the present. Emphasis will be placed on the reasons for the late emergence of Italian nationhood, the rise of Italian nationalism, unification, the weakness of Italian democracy, the rise of Fascism, and the political instability Italians have experienced since 1945. Prereq.: HIST 656. 4 q.h.
- 90-133 History (Add)
HIST 763. Modern France, 1815-1914
The history of France from the fall of Napoleon to the outbreak of World War I. Emphasizes the unique pace of nineteenth-century economic and social development, the ideologies of royalism, liberalism, and socialism, and the political instability which gave rise to the revolutionary crises of 1830, 1848, and 1871. Prereq.: HIST 656. 4 q.h.
- 90-134 History (Add)
HIST 764. Contemporary France, 1914- present
The history of France from the outbreak of World War I to the present. Examines the relative decline of France in the twentieth century with special emphasis on the impact of the two World Wars, the social and the political crises of the 1930's, France's postwar revival, the student riots of 1968, and the changes which have transformed French politics and society in the 1980's. Prereq.: HIST 656. 4 q.h.
- 90-135 Foreign Languages (Add)
RUSSN 660. Russian Literature in Translation
Studies in selected authors, genres, or themes in Russian literature, read in English translation. Topic is announced each time course is offered. May be repeated once for credit if topic is different. 4 q.h.
- 90-136 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. No prerequisite. Students with two years of high school French or credit of French 601 or higher receive no credit for French 510. Does not count toward the foreign language requirement for the A.B. or B.S. degree, nor toward the major. 5 q.h.

90-137 Foreign Languages and Literature (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. No prerequisite. Students with two years of high school German or credit for German 601 or higher receive no credit for German 510. Does not count toward the foreign language requirement for the A.B. or B.S. degree, nor toward the major.
4 q.h.

90-138 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. No prerequisite. Students with two years of high school Italian or credit for Italian 601 or higher receive no credit for Italian 510. Does not count toward the foreign language requirement for the A.B. or B.S. degree, nor toward the major.
5 q.h.

90-139 Foreign Languages and Literature (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. No prerequisite. Students with two years of high school Russian or credit for Russian 601 or higher receive no credit for Russian 510. Does not count toward the foreign language requirement for the A.B. or B.S. degree, nor toward the major.
4 q.h.

90-140 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. No prerequisite. Students with two years of high school Spanish or credit for Spanish 601 or higher receive no credit for Spanish 510. Does not count toward the foreign language requirement for the A.B. or B.S. degree, nor toward the major.
5 q.h.

90-141 Materials Engineering (Delete)
MTEGR 780. Casting, Welding and Solidification
General discussion of the engineering aspects of welding and solidification of ferrous and non-ferrous alloys. Prereq.: MTEGR 603.
3 q.h.

Prepared by the University Curriculum Division

- 90-142 Mechanical Engineering (Change)
MECH 751. Stress and Strain Analysis 1
Analysis (including Mohr Circle Representation) of two- and three-dimensional stresses and strains at a point. Application of theory to techniques of experimental stress analysis. Stress concentration factors. Energy methods; Castigliano's Theorem. Dynamic loading. Introduction to theories of failure. Prereq.: MATH 673, CIEGR 602; and CIEGR 603 or MTEGR 741. 4 q.h.
- 90-143 Biological Sciences (Change)
BIOL 700. Non-Vascular Plants
A presentation of classification, morphology, reproduction, ecology, and economic aspects of monera, algae and fungi. Three hours lecture and four hours laboratory a week. Prereq.: BIOL 506, 507, 508. 5 q.h.
- 90-144 Biological Sciences (Change)
BIOL 765. Vascular Plants
Structure, function, reproduction, and phylogenetic relationships of representative vascular plants and mosses. Three hours lecture and four hours laboratory a week. Prereq.: BIOL 506, 507, 508. 5 q.h.
- 90-145 Biological Sciences (Change)
BIOL 506. Principles of Biology 1
A laboratory course for students who need biology for entrance into various professional schools; including chemical and physical foundations of biology, structure and function of cells, cellular organelles and structure and function of plants. High school chemistry or equivalent recommended. Three hours lecture and two hours laboratory a week. 4 q.h.

- 90-146 Biological Sciences (Change)
 BIOL 507. Principles of Biology 2
 A laboratory course of study including the structure and function of animals. Required of all biology majors. Three hour lecture and two hours laboratory a week. 4 q.h.
- 90-147 Biological Sciences (Change)
 BIOL 508. Principles of Biology 3
 A laboratory course of study including genetics, evolution, ecology, taxonomy and the diversity of organisms. Required of all biology majors. Three hours lecture and two hours laboratory a week. 4 q.h.
- 90-069 Civil Engineering (Add)
 CE 751. Water Quality Analysis 1
 An introduction to physical, chemical, and biological measurements of water quality. Provides laboratory experience in the analysis of natural waters, drinking water, and wastewater. Emphasizes procedures for the collection and interpretation of data on related environmental problems. Two hours lecture and six hours laboratory a week. Identical to CHEM 751 and BIOL 751. Prereq.: CHEM 603. 4 q.h.
- 90-070 Civil Engineering (Add)
 CE 752. Water Quality Analysis II
 Advanced analytical techniques for evaluation of environmental problems. Topics include pollutant transport in natural waters, toxic contaminants in drinking water, and advanced wastewater treatment. Experience with several modern laboratory instruments is provided. Two hours lecture and six hours lab per week. Identical to CHEM 752 and BIOL 752. Prereq.: CE 751. 4 q.h.
- 90-148 Biological Sciences (Add)
 BIOL 751. Water Quality Analysis 1
 An introduction to physical, chemical and biological measurements of water quality. Provides laboratory experience in the analysis of natural waters, drinking water, and wastewater. Emphasizes procedures for the collection and interpretation of data on related environmental problems. Two hours lecture and six hours laboratory per week. Prereq.: CHEM 603. Identical to CHEM 751 and CE 751. 4 q.h.
- 90-149 Biological Sciences (Add)
 BIOL 752. Water Quality Analysis II
 Advanced analytical techniques for evaluation of environmental problems. Topics include pollutant transport in natural waters, toxic contaminants in drinking water and advanced wastewater treatment. Experience with several modern laboratory instruments is provided. Two hours lecture and six hours lab per week. Identical to CHEM 752 and CE 752. Prereq.: ENV. SCI 751. 4 q.h.

- 90-150 Chemistry (Change)
 CHEM 500. Chemistry in Modern Living
 A one-quarter introduction to basic chemical concepts, the scientific method, and the impact of chemistry on human life and society. Examples may include water treatment, air quality, plastics, drugs, cosmetics, energy resources, food, and the chemical basis of life. Four hours lecture-discussion; no laboratory 4 q.h.
- 90-151 Chemistry (Add)
 CHEM 751. Water Quality Analysis I
 An introduction to physical, chemical, and biological measurements of water quality. Provides laboratory experience in the analysis of natural waters, drinking water, and wastewater. Emphasizes procedures for the collection and interpretation of data on current environmental problems. Two hours lecture and six hours laboratory per week. Identical to CE 751 and BIOL 751. Prereq.: CHEM 603 4 q.h.
- 90-152 Chemistry (Add)
 CHEM 752. Water Quality Analysis II
 Advanced analytical techniques for evaluation of environmental problems. Topics include pollutant transport in natural waters, toxic contaminants in drinking water, and advanced wastewater treatment. Experience with several modern laboratory instruments is provided. Two hours lecture and six hours lab per week. Identical to CE 752 and BIOL 752. Prereq.: CHEM 751. 4 q.h.
- 90-153 Health and Physical Education (Change)
 PE 528. Advanced Physical Fitness and Exercise Programs
 Discussion of and participation in strenuous activities designed to develop and improve the health and performance related aspects of physical fitness. Prereq.: Men: Run 1.50 miles in less than 13:00; Women: Run 1.25 miles in less than 13:00. 1 q.h.
- 90-154 Health and Physical Education (Change)
 PE 524. Physical Fitness and Exercise Programs
 Discussion of and participation in activities designed to develop and improve the health related aspects of physical fitness including weight and stress control. 1 q.h.
- 90-155 Health and Physical Education (Change)
 PE 895. Adapted Physical Education
 The organization of physical education activities selected to meet the individual needs of exceptional students. Approximately fifteen hours of field work required. Prereq.: HPE 795 or PE 722. 3 q.h.
- 90-156 Health and Physical Education (Change)
 PE 630. Lifeguard Training
 Water rescue; preventive lifeguard techniques; emergency procedures. Red Cross certificate granted upon satisfactory completion of all requirements. Prereq.: 500yd. continuous swim and deep water dive. 3 q.h.

- 90-157 Foreign Languages and Literatures (Add)
 GREEK 640. Selected Topics
 Development of reading skills through the study of a selected work of literature. May be taken three times for credit if the topics are different. Total credit in GREEK 640 may not exceed 8 q.h. A maximum of 4 q.h. may be applied to the minor. Prereq.: GREEK 602 or equivalent, or permission of instructor. 2-4 q.h.
- 90-158 Foreign Languages (Change)
 RUSSN 715. The Russian Cultural Heritage I
 Themes and variations in Russian folklore, literary, religious, and philosophical writings, arts, and architecture, from Kievan Rus' to Imperial Petersburg. Readings, lectures, and discussion in English. Prereq.: Any Russian area course, or sophomore standing, or permission of the instructor. Satisfies the university area requirement in the humanities. 4 q.h.
- 90-159 Foreign Languages (Change)
 RUSSN 716. The Russian Cultural Heritage II
 Decembrists through Octobrists: a survey of Russian literature, philosophy, and the arts in the Nineteenth and Twentieth Centuries, as they reflect changing views of a distinct national culture. Readings, lectures, and discussion in English. Prereq.: Any Russian area course, or sophomore standing, or permission of the instructor. Satisfies the university area requirement in the humanities. 4 q.h.
- 90-160 Elementary Education and Reading (Change)
 EDUC 630. Creative Experiences in the Pre-School
 Organization and administration of the educational program of the nursery school. Particular attention given to curriculum and program planning. Prereq.: PSYCH 755, ENGL 551. 4 q.h.
- 90-161 Elementary Education and Reading (Add)
 EDUC 860. Practice in Early Childhood Education
 A culminating practicum designed to provide clinical experience with pre-school children. Students will have the opportunity to implement theory into practice with an emphasis on language and motor development. Prereq.: EDUC 830, 831, 832. 4 q.h.
- 90-162 Foreign Languages (Add)
 RUSSN 700. Third-Year Russian Practicum
 Individualized development of language skills for students who have completed one course beyond Russian 602. Concurrent enrollment in another Russian area course is expected. May be taken up to three times for credit, for a maximum of 6 q.h. 2 q.h.
- 90-163 Foreign Languages (Add)
 RUSSN 800. Fourth-Year Russian Practicum
 Individualized development of language skills for students who have completed twelve or more q.h. beyond Russian 602. Concurrent enrollment in another Russian area course is expected. May be taken up to three times for credit, for a maximum of 6 q.h. 2 q.h.

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

Date April 10, 1990 Report Number (For Senate Use Only) 890-13B

Name of Committee Submitting Report University Curriculum Division

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

Appointed Chartered

Names of Committee members: T. Kermani (Chair), J. Alam, J. Beary, B. Karpak,
J. Mistovich, H. Yiannaki, D. Henneman

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: 90-087, 90-088, 90-090, 90-094, 90-118, 90-119, 90-164 through 90-173, 90-190 through 90-197 and 90-208 through 90-211.

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: _____

Taghi Kermani
Chair

Prepared by the University Curriculum Division

- 90-087 Speech Communication and Theatre (Change)
SPCH 664. Tap and Jazz II
Emphasizes basic tap combinations and routines. Continuation of
SPCH 663. Prereq.: SPCH 663 or consent of instructor. This course
may be applied as 2 q.h. credit toward University HPE activity
requirement. Identical with HPE 571. 2 q.h.
- 90-088 Speech Communication and Theatre (Change)
SPCH 663. Tap and Jazz I
Principles and practices of the basic techniques of tap dance, soft
shoe, jazz, and combinations of the fundamental forms of movement.
Designed to introduce the student to various forms of dance and move-
ment combinations performed in musical theatre. Prereq.: HPE 540
or consent of instructor. This course may be applied as 2 q.h.
credit toward the University activity requirement. Identical with
HPE 570. 2 q.h.
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- 90-090 Speech Communication & Theatre (Change)
SPCH 525. Building Communication Confidence
Intensive work for students having difficulty with fundamental
communication skills. In consultation with instructor, students set
individual goals and perform practical exercises. Prereq.:
Permission of the instructor. Not applicable to speech communication
major. 4 q.h.
- 90-094 Geography (Add)
GEOG 737. Soils and Land Use
Examination of soil characteristics influencing land use planning
and development. Topics include the basic physical and chemical
properties of soil, soil water, the soil-forming factors, the use
and interpretation of county soil reports, and soil characteristics
beneficial and detrimental to selected land use practices. Partici-
pation in field trips is required. Prerequisite: GEOG 503. High
school Chemistry or CHEM 501 recommended. 4 q.h.
- 90-118 Materials Engineering (Change)
MTEGR 868. Scanning Electron Microscopy of Engineering Materials 1
Theory and operation of the scanning electron microscope (SEM)
and the energy dispersive x-ray analyzer. Individual term projects
involve sample preparation, taking photomicrographs, and performing
energy dispersive x-ray analysis. Three hours lecture and three
hours laboratory per week. Prereq.: Junior standing in engineering
and MTEGR 603 or 606. 4 q.h.
- 90-119 Materials Engineering (Change)
MTEGR 861. X-ray Diffraction and Electron Microscopy
Theories, principles, and application of x-ray diffraction and electron
microscopy techniques for examining and analyzing engineering
materials. Written and oral reports required. (Three hours lecture
and three hours laboratory.) Prereq.: MTEGR 753. 4 q.h.

- 90-164 Art (Add)
 ART 521. Survey of Western Art 1
 Art in western cultures from prehistoric to late Roman (4th century AD).
 Includes architecture, painting, and sculpture. Introduces key
 concepts, methods, and vocabulary for the historical study of art.
 4 q.h.
- 90-165 ART (Add)
 ART 522. Survey of Western Art 2
 Western art from Early Christian (3rd century AD) to late Gothic
 (15th century). Includes architecture, painting, sculpture, and
 the luxury art. Introduces key concepts, methods, and vocabulary
 for the historical study of art. 4 q.h.
- 90-166 Art (Add)
 ART 523. Survey of Western Art 3
 Art in Europe and the United States from the early Renaissance
 (13th century AD) to the present. Includes architecture, painting,
 and sculpture. Introduces key concepts, methods, and vocabulary
 for the historical study of art 4 q.h.
- 90-167 Art (Change)
 ART 706. Renaissance Art
 Italian painting, sculpture, and architecture from 1300 to 1575.
 Examines the work of Michelangelo, Leonardo da Vinci and others in
 relation to the history and philosophy of the time. Prereq.: Art 523,
 or consent of the instructor. 4 q.h.
- 90-168 Art (Change)
 ART 708. Baroque and Rococo Art
 European art from 1575 to 1800; styles and trends developed from
 the Renaissance. The academic, eclectic, natural, and classicist
 movements. Prereq.: Art 523 or consent of the instructor.
 4 q.h.
- 90-169 Art (Change)
 ART 713. Nineteenth Century European Art
 European painting and sculpture of Neo-classicism, Romanticism, and
 Realism. Includes Impressionism and related movements. Art as part
 of social and political developments, and the foundations of modern
 formalism. Prereq.: Art 523, or consent of the instructor.
 4 q.h.
- 90-170 Art (Change)
 ART 740. Northern Renaissance
 Origin of northern Renaissance styles of painting, architecture,
 and the minor arts in Flanders and Northern Europe, 1300 to 1500.
 Prereq.: Art 523, or consent of the instructor. 4 q.h.

- 90-171 Art (Add)
 ART 751. Early Christian and Byzantine Art
 Christian art from its origins to about 500 AD in the Latin West and to 1453 in the Greek East. Includes architecture, painting, sculpture, and the luxury arts. Stresses changes in art as part of social and religious developments. Prereq.: ART 522, or consent of instructor. 4 q.h.
- 90-172 Art (Add)
 ART 752. Early Medieval Art
 Irish, English, and continental European art of the Migration period (Franks, Visigoths, etc.), Hiberno-Saxon, Carolingian, Anglo-Saxon, Viking, and Ottonian cultures (about 500 to 1100 AD). Includes jewelry, painting, sculpture, and architecture. Interaction between Celtic, Germanic, and Mediterranean cultures. Prereq.: ART 522, or consent of instructor. 4 q.h.
- 90-173 Art (Add)
 ART 753. Late Medieval Art
 Romanesque and Gothic architecture, painting, sculpture, and the luxury arts (about 1100 to 1500 AD). Examines the great cathedrals and other arts as aspects of pilgrimage and feudalism, reflecting new developments in Christianity. Prereq.: ART 522, or consent of instructor. 4 q.h.
- 90-190 Psychology (Change)
 PSYCH 761. Cognition
 Experimental methods, research findings, and current theories concerned with human cognitive processes. The information-processing approach, focusing on how information is transformed, stored, manipulated, and retrieved will be emphasized. Topics include attention, pattern recognition and categorization, memory, and language. Prereq.: PSYCH 615. 4 q.h.
- 90-191 Psychology (Change)
 PSYCH 760. Perception
 Theories and experimental evidence on how environmental, physiological, and personal factors influence the reception, organization, and interpretation of sensory input. Prereq.: PSYCH 615. 4 q.h.
- 90-192 Military Science (Add)
 MIL SC 605 Low Intensity Conflict
 An introductory examination of the various aspects of Low Intensity Conflict to include counter-terrorism, foreign internal defense, counter-insurgency, political warfare and peace-keeping operations. Two hours lecture/discussion per week. Must be taken concurrently with MIL SC 600L. 2 q.h.
- 90-193 Military Science (Change)
 MIL SC 603 Comparative Analysis of U.S./Soviet Land Forces
 A selective examination of small unit training, tactics, weapons, and organization of the U.S. Army and other Land Forces. Two hours lecture/discussion and a one day (weekend) training exercise required. Must be taken concurrently with MIL SC 600L. 2 q.h.

- 90-194 Special Education (Change)
 SPED 878. Teaching Gifted and Talented Students
 Theory and organization of curriculum with design and integration
 of content subjects including strategies and identification of
 resources and materials. Also listed as ELED 878 and SECED 878.
 Prereq.: EDUC 874. 4 q.h.
- 90-195 Special Education (Change)
 SPED 874. Gifted and Talented Programs
 Survey of theoretical foundations of contemporary programs and models;
 historical development; issues, evaluation, and research;
 differentiated programming procedures and problems. Also listed as
 ELED 874 and SEC ED 874 4 q.h.
-
- 90-196 Health & Physical Education (Change)
 PHED 570. Tap and Jazz I
 Principles and practices of the basic techniques of tap dance,
 soft shoe, jazz and combinations of the fundamental forms of movement.
 Designed to introduce the student to various forms of dance and move-
 ment combinations performed in musical theatre. Prereq.: PHED 540
 or consent of instructor. May be applied as 2 q.h. toward the
 fulfillment of the University HPE activity requirement. This course
 is identical with SPCH 663. 2 q.h.
- 90-197 Health & Physical Education (Change)
 PHED 571. Tap and Jazz II
 Emphasizes basic tap combinations and routines. Continuation of
 PE 570. Prereq.: HPE 570 or consent of instructor. May be applied
 as 2 q.h. toward the fulfillment of the University HPE activity
 requirement. This course is identical with SPCH 664. 2 q.h.
- 90-208 Art (Delete)
 ART 513. Survey of Western Art 1
 Introduction to the principles of art; the media, techniques,
 terminology, and value judgment in fine arts outlined. Survey of
 art in Western culture from prehistoric and ancient periods
 to 1150. Satisfies the University's area requirement in the humanities.
 3 q.h.
- 90-209 Art (Delete)
 ART 514. Survey of Western Art 2
 From the Middle Ages through Renaissance and Baroque-Rococo periods
 to the end of the 19th century. Satisfies the University's area
 requirement in the humanities. 3 q.h.
- 90-210 Art (Delete)
 ART 712. Medieval Art
 Survey of early Christian, Byzantine, Romanesque, and Gothic
 painting, sculpture, and architecture. Satisfies the University's
 area requirement in the humanities. 3 q.h.

90-211 Art

(Delete)

ART 807. Chinese and Japanese Art

Survey of the art of China and Japan from the earliest periods to the present, and their relation to the philosophies and religions of those countries. Satisfies the University's area requirement in the humanities

3 q.h.

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

Date April 15, 1990 Report Number (For Senate Use Only) 89014

Name of Committee Submitting Report Library-Media Services Committee

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

Appointed Chartered

Names of Committee members: David Genaway, Floyd Jackson, David Sweetkind,

Victor Richley, Diane Bateman, Tom Copeland, Hugh Earnhart, Ted Perkins,

David Robinson, Eugene Sekeres, Jane VanGalen, Stan Zager, Tim Labrie,

Monaca Rushou

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report)

The Library Media Committee recommends that the distribution to the six schools/
Colleges for the academic year 1989-1990 be considered as the minimum allocation
for the academic year 1990-1991. Additional funding for the library materials will
be allocated by the formula based on F.T.E.

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

If so, state the motion: As above.

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? Yes

Other relevant data: See attachment.


Chair

Attachment

Library-Media Services Committee

Revised 1989-1990 Allocation
That Becomes the "Minimum"
1990-1991 Allocation

Library Budget	\$960,000.00
Binding	\$ 45,000.00
Gen. Works/Ref	107,202.00
Replacements	11,341.00
CAST	65,674.00
A & S	488,226.00
Business	82,570.00
Education	43,559.00
Engineering	58,117.00
Fine & Performing Arts	58,311.00
	<hr/>
	\$ 960,000.00

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

Date 4/17/90 Report Number (For Senate Use Only) 890-15

Name of Committee Submitting Report Student Academic Grievance Subcommittee

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

Names of Committee members: Charles McBriarty (chair), James Block, Louis Hill, Larry Hugenberg, Matthew Siman, Richard Walker, Robert Wolanin, Chad Frank, Elizabeth Bobeck, Stephen Evans, Joan Firestine, Patricia Reitmann, Gregory Misel

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report)

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

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: _____


Chair

REPORT TO ACADEMIC SENATE
MAY 2, 1990

The Student Academic Grievance Subcommittee met a total of five times. One session was dedicated to orienting the membership, one appeal hearing of an academic dishonesty case, one grievance hearing and two general business meetings.

Two hearing panels were convened to consider charges of cheating. One resulted in suspending the student for one quarter (an appeal did not change the findings or the sanction). The second did not find evidence to support the charges.

One academic grievance was heard by the subcommittee and resulted in upholding the action of the faculty member.

A representative of the Student Academic Affairs Committee attended business meetings of the Student Academic Grievance Subcommittee.

The subcommittee recommended language regarding grading to be used on syllabi and recommendations of YSU's legal counsel on definitions of cheating and plagiarism. Both were forwarded to the Student Academic Affairs Committee.

Student Academic Grievance Subcommittee
Charles McBriarty
Chair
April 17, 1990

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

Date April 19, 1990 Report Number (For Senate Use Only) 890-16

Name of Committee Submitting Report Academic Program Division

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

Names of Committee members: Daniel Borgia, Janet Gill-Wigal, Louis Harris, Lois Hopkins, Hojjat Mehri, Nicole Stanko, George Sutton (chair), Ronald Tabak

Please write a brief summary of the report which the Committee is submitting to the Senate: (attach complete report) Phase 1 BS/ND

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: _____

Chair

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 Phase I BS/MD Department Arts & Sciences

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

Students in the Phase I BS/MD program earn a BS degree with a major in combined sciences. However, to be promoted to Phase II of the consortial program, students must meet other criteria including course requirements beyond those for the combined sciences major. Thus, the YSU requirements for BS/MD students are those of the combined sciences major plus other requirements that are imposed by the consortium. A consortium committee, the YSU BS/MD Coordinating Committee has made changes in BS/MD requirements. However, since these changes do not impact on combined sciences requirements, the following is presented to the Programs Division and the Senate as information only.

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

Change Physics 510, 610, 611 sequence to newly created 601, 602, 603 sequence.

Add Philosophy 725.

C. Using as 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.).

D. IF THE PROPOSAL INCLUDES ADDING OR DROPPING COURSES OFFERED BY OTHER DEPARTMENTS, SUPPORTING STATEMENTS FROM THESE DEPARTMENTS MUST BE INCLUDED WITH THE REQUEST.

Signatures

Department Chairperson Pat Nagley Chair - BSMD Coordinating Committee

Dean B. J. Wojniak 4/10/90 Prog. Div.

Senate Mary J. Reuben

The current physics 510, 610, 611 sequence omits a number of topics relevant to pre-medical students (e.g., modern physics, thermodynamics, bulk properties, fluid flow). The primary audience for this sequence (i.e., physics majors and engineering students) encounter these topics in advanced courses within their discipline. To maintain the level of rigor associated with this sequence, yet provide a broader coverage of physics, the new 601, 602, 603 sequence was developed. To add the desired topics in the new sequence, a few topics in the current sequence will be deemphasized (e.g., D-C circuits). The new sequence is consistent with the topics included on the MCAT and with college physics sequences offered by sister institutions. This program change will not impact the Physics and Astronomy Department. Essentially, one or two sections of 510, 610, 611 will be replaced with 601, 602, 603. Enrollments will not change. Labs will not be affected. New faculty or equipment will not be required. The only change will be the text utilized. No other department will be impacted. Further, combined sciences students can take any of the three physics sequences (i.e., 501, 502, 503; 601, 602, 603; or 510, 610, 611).

The second change to the BSMD curriculum is the addition of Philosophy 725. Prior to this change, Biomedical Ethics was a suggested course, fulfilling the humanities requirement. Requiring this course will limit students' "free" humanities from four courses to three courses. Given the continuing impact of technological and social changes on the range of issues subsumed under medical ethics, an ad hoc committee was formed at NEOUCOM to study the training BS/MD students receive in this area. One of the recommendations of this committee was to include a biomedical ethics course within the Phase I curriculum at each consortial campus.

Requiring this course will add approximately 25 students to the annual enrollment within this course. The Philosophy and Religious Studies Department can add a section of Phil 725 without changes in staffing. The decreases other departments will suffer due to this shift will be spread across all humanities departments, and therefore, will not be noticeable.