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December 2, 1965

University of North Dakota

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MINUTES OF THE UNIVERSITY SENATE MEETING

December 2, 1965

(NOT TO BE MADE AVAILABLE TO NON-FACULTY MEMBERS)

1.

A meeting of the University Senate was held at 4:00 p.m. on Thursday, December 2, 1965, in the Lecture Bowl of the Student Center. Mr. Penn presided.

2.

The following members of the Senate were present:

Anderson, Donald G.	Heyse, Margaret F.	Peterson, Russell A.
Boehle, William R.	Knutson, Marian W.	Polovitz, Michael F.
Brumleve, Stanley J.	Kolstoe, Ralph H.	Reid, John R.
Caldwell, Robert A.	Koth, Arthur W.	Robertson, Donald J.
Clifford, Thomas J.	Larson, Milton B.	Robinson, Elwin B.
Curry, Mabel	Marti, Leonard R.	Rowe, John L.
Cushman, Martelle L.	McKenzie, Ruby M.	Thomforde, Clifford J.
Dixon, John D.	Morgan, William I.	Thorson, Playford V.
Gustafson, Ben G.	Nelson, Edward O.	Wheeler, George C.
Hamerlik, Gerald	Oslund, Valborg	White, James P.
Hankerson, Kenneth L.	Pearce, Donald J.	Witmer, Robert B.
Herndon, James F.	Penn, John S.	Koenker, William E.

The following members of the Senate were absent:

Starcher, George W.	Harwood, Theodore H.	Randolph, Kathryn S.
Bjork, Alton J.	Laird, Wilson M.	Reiten, Palmer J.
Cornatzer, W. E.	Marwin, Richard M.	Rognlie, Philip A.
Hamre, Christopher J.	Olmstead, Edwin G.	Walden, Jerrold

3.

Mr. Larson offered the following correction in the minutes of the Senate meeting for November 4, 1965. Under Section 8, the motion beginning in line 5 be corrected to read: "Mr. Koenker moved that a new, one year, eight semester hour course entitled Humanities be established as a requirement for a University degree. Students who present eight hours of college work in a foreign language may use this to meet the humanities requirement. Students who are unable to take the two four-hour courses will be permitted to satisfy the humanities requirement by taking Western Civilization to 1500, Western Civilization since 1500, and two additional hours in art, literature, music, drama or philosophy." This correction was accepted by unanimous consent.

Miss Heyse offered the following correction in the minutes of the Senate meeting for November 4, 1965. Under Section 7 the third paragraph should read: "The committee shall consist of four students selected by the Student Senate and four faculty members selected by the Faculty Senate plus the Dean of Women and Dean of Men. The committee shall elect its own chairman." This correction was accepted by unanimous consent. The corrected minutes were ordered approved.

4.

Miss Heyse moved that the proposal, as presented for first reading at the meeting on November 4, 1965, of the Student Policy Committee be adopted: "The committee shall consist of four students selected by the Student Senate and four faculty members selected by the Faculty Senate plus the Dean of Women and Dean of Men. The committee shall elect its own chairman." The motion was seconded, discussed, voted upon and carried.

5.

Mr. Anderson moved that courses not offered for three years should be dropped and not included in the new catalog, with the understanding that such courses may be reinstated upon request to and approval from the Curriculum Committee. Mr. Rowe seconded the motion. Discussion followed. Mr. Cushman moved to amend the motion to read: "Courses not offered for three years should be dropped and not included in the catalog, but such courses may be reinstated or offered in the timetable upon request to and approval from the Curriculum Committee." The amendment was seconded. Mr. Anderson indicated his acceptance of the amendment. There being no objection the amendment was accepted by unanimous consent. Discussion on the amended motion followed. It was voted upon and carried.

6.

Mr. Koenker moved that the recommendation from the Curriculum Committee relative to new courses and course changes as submitted to the faculty by faculty mail, plus the supplement now presented, be approved subject to examination and action by the Graduate Committee. The motion was seconded, voted upon and carried.

7.

Mr. John D. Dixon, Mr. William Morgan, Mr. Wilson M. Laird, Mr. Donald Anderson, Mr. A. J. Bjork, Mr. Donald Pearce and Mr. Ralph Kolstoe were nominated for membership on the Committee on Committees. Mr. Kolstoe withdrew his nomination. Mr. Rowe moved that nominations cease. The motion was seconded, voted upon, and carried. It was moved that the four highest ranking individuals on the vote be elected. The motion was seconded, voted upon and carried. A ballot was taken and Mr. Dixon, Mr. Morgan, Mr. Laird, and Mr. Pearce were then declared elected as members of the Committee on Committees.

8.

Mr. George C. Wheeler was nominated for membership to the Codification Committee. It was moved that nominations cease and the Secretary be instructed to cast a unanimous ballot for Mr. Wheeler. The motion was seconded, voted upon, and carried.

9.

Mr. Rowe, Mr. Hankerson and Mr. Reid were nominated for membership on the Administrative Procedures Committee. It was moved that nominations cease and the Secretary be instructed to cast a unanimous ballot for Mr. Rowe, Mr. Hankerson and Mr. Reid as members of the Administrative Procedures Committee. The motion was seconded, voted upon, and carried.

10.

Mr. Koenker moved that the Senate include on the agenda consideration of elimination of the junior division from the catalog. The motion was seconded, discussed, voted upon and carried. Mr. Koenker then moved to abolish the junior and senior division structure as it now exists in the College of Science, Literature, and Arts and the College of Engineering. The motion was seconded, discussed, voted upon and carried.

11.

Mr. Wheeler moved that the Senate include on the agenda consideration of a change of Senate meeting place to Room 415, Twamley Hall. The motion was seconded, voted upon and carried. Mr. Wheeler then moved to change the meeting place of the Faculty Senate to Room 415, Twamley Hall. The motion was seconded, discussed, voted upon and carried.

12.

The meeting adjourned at 5:25 p.m.

R. M. McKenzie
Secretary

UNIVERSITY OF NORTH DAKOTA
PROPOSED COURSE ADDITIONS, DELETIONS, AND OTHER CHANGES
APPROVED BY UNIVERSITY SENATE
DECEMBER 2, 1965

<u>Department and Number</u>	<u>Course Title and Other Information</u>	<u>Hours Added or Dropped</u>
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION		
<u>New Courses</u>		
Accounting 510	Industrial Quantitative Controls, 3 hrs. (for AFIT Minuteman School only)	3
<u>Other Changes</u>		
Accounting 411	Income Tax Procedure, 2 hrs. (will replace Acct. 211, 2 hrs.)	-
	<u>Net Hours Added by Department</u>	3
<u>New Courses</u>		
Economics 501	Managerial Economics, 3 hrs. (AFIT Minuteman School only)	3
504	Industrial Relations, 3 hrs. (for AFIT Minute- man School only.)	3
<u>Other Changes</u>		
Economics 577	Readings in Economics, 1-3 hrs. (increase hours from 1-2 to 1-3.)	1
	<u>Net Hours Added by Department</u>	7
<u>New Courses</u>		
Management 502	Industrial Procurement, 3 hr. (for AFIT Minute- man School only)	3
505	Policy Formulation and Administration, 3 hrs. (for AFIT Minuteman School only)	3
506	Individual Research, 2-4 hrs. (for AFIT Minute- man School only)	4
	<u>Net Hours Added by Department</u>	10
<u>Other Changes</u>		
Marketing 204	Salesmanship, 2 hrs. (change number from 304)	-
	<u>Net Change in Department Hours</u>	-
<u>New Courses</u>		
Political Science 323	Introduction to Social Research Methods, 3 hrs. (listed under Sociology 323 also)	3
	<u>Net Hours Added by Department</u>	3

Net Hours Added, All Departments, Carried Forward 23

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward 23

COLLEGE OF EDUCATION

New Courses

Art 102	Drawing and Painting Studio, 2 hrs.	2
300	Ancient and Greek Art, 3 hrs. (a)	3
303	American Art, 3 hrs. (a) probably	3
521	Studio Problems, 1-4 hrs. (a)	4

Other Changes

Art 101	Drawing and Painting Studio, 2 hrs. (change number from 100)	-
301	Medieval and Early Renaissance Art and Architecture (change title and description)	-

Net Hours Added by Department 12

New Courses

Business Education 420	Teaching Cooperative Office Education, 2 hrs.	2
Education 421	Office Coordinating Techniques, 2 hrs.	2

Other Changes

Business Education 444	Vocational Education, 2 hrs. (change number from 544)	-
516	Demonstration Class in the Teaching of Type-writing, 2 hrs. (increase credit from 1 hr.; change description)	1
518	Demonstration Class in the Teaching of Shorthand and Transcription, 2 hrs. (increase credit from 1 hr.; change description)	1
545	History of Business Education, 3 hrs. (replaces Area D of Bus. Educ. 536, 2 hrs.)	1

Net Hours Added by Department 7

Net Hours Added, All Departments, Carried Forward 42

(a) alternate years.

(b) both semesters of every year.

Department
and Number

Course Title and Other Information

	Net Hours Added, All Departments, Brought Forward		42
<u>New Courses</u>			
Counseling and Guidance	504	Principles and Practices of Elementary School Guidance, 2 hrs.	2
	526	Industrial and Employment Service Counseling, 2 hrs.	2
	560	Group Dynamics Practicum, 3 hrs.	3
<u>Course Dropped</u>			
Counseling and Guidance	519I	Occupational, Educational and Related Informa- tion for Talented Youth, 2 hrs.	-2
<u>Other Changes</u>			
Counseling and Guidance	505	Principles and Practices of Secondary School Guidance, 2 hrs. (b) (title and description change.)	-
	515	Methods of Research, 2 hrs. (b) (title change; number change from 596; credit change from "credit arranged".	-
	517	Individual Appraisal, 3 hrs. (b) (discription change).	-
	(523 (Supervised Counseling Practicum I, 3 hrs. (b) and	-
	(524	Supervised Counseling Practicum II, 3 hrs. (b) <u>will replace</u> C & G 523, Supervised Guidance, "up to 6 credits."	-
	555	Advanced Appraisal Techniques, 3 hrs. (change number from 525I and remove limitation to Guidance Institute only.	-
	577	Supervised Field Work, 3 hrs. - may repeat to 6 hr. maximum (b) (description change).	-
	888	Dissertation, 1-6 hrs. (reduce credit for doc- toral dissertation from 12 to 6 hrs. This is not carried in UND catalog at present, but is listed in C & G bulletin.)	(6)
		<u>Net Hours Added by Department</u>	5
	Net Hours Added, All Departments, Carried Forward		47

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward

47

New Courses

Education 405	Library Orientation, 1 hr. (b)	1
458	Supervised Student Teaching in Special Education, 2-6 hrs. (b) (record-keeping device to indicate for special certification purposes that one-half of supervised student teaching was done in special education)	-
545	Work Experience Programs for Mentally Retarded Adolescents, 2 hrs.	2
546	Seminar in Special Education, 2-4 hrs.	4
574	Administrative Theory, 2 hrs.	2

Courses Dropped

Education 505	Guidance Principles and Practices, 2 hrs.	-2
513	The Special Education Program, 2 hrs.	-2

Other Changes

Education 443	Early Childhood Education, 3 hrs. (change title and description)	-
484	Literature and Reading Guidance for Children, 3 hrs. (change title and description)	-
485	Literature and Reading Guidance for Adolescents, 3 hrs. (change title and description)	-
500	Introduction to Graduate Study in Education, 2 hrs. (change title)	-
508	Audiovisual Technology and Communication, 2 hrs. (change title)	-
515	Issues and Trends in Education, 2 hrs. (change title)	-
521	Research Seminar, 1-4 hrs. (change title)	-
525, 526	Educational Statistics I and II, 3 hrs. each (change titles)	-
599	Seminar in Higher Education, 2 hrs. (b) may be repeated to a maximum of 8 hrs. (change credit from 1-4 hrs. to 2 hrs.; change description and list the following areas of study: A. General, B. College Teaching, C. Teacher Education)	-2

Net Hours Added by Department

3

Net Hours Added, All Departments, Carried Forward

50

(a) alternate years. (b) both semesters of every year.

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward 50

Other Changes

Industrial	(204	Craft Processes--Plastics, 1 hr.	-
Arts	(206	Craft Processes--Metal Enameling, 1 hr. <u>will replace</u> 204, 2 hrs.	-
	309	Graphic Arts--Printing Processes, 3 hrs. (increase credit from 2 to 3 hrs.)	1
	(534	Readings in Industrial Arts, 2 hrs.	-
	(546	Research in Industrial Arts, 2 hrs. <u>will replace</u> I.A. 509, 1-4 hrs.	-
<u>Net Hours Added by Department</u>			1

Other Changes

Music	145	Applied Music, 1 hr., <u>replaces</u> 145, 146, 2 hrs.)	May	(1)
	245	Applied Music, 1 hr., <u>replaces</u> 245, 246, 2 hrs.)	be	(1)
	345	Applied Music, 1 hr., <u>replaces</u> 345, 346, 2 hrs.)	re-	(1)
	445	Applied Music, 1 hr., <u>replaces</u> 445, 446, 2 hrs.)	peated	(1)
	459	Collegium Musicum, 1-4 hrs. (change number from 202)		-
	501, 502	Ensemble Performance, 2 hrs. <u>will replace</u> 215, 216, 2 hrs.		-
<u>Net Change in Department Hours</u>				(4)

New Courses

Psychology	523	Individual Intelligence Testing, 3 hrs. (a) probably	3
	531	Verbal and Motor Learning, 3 hrs. (a) probably	3
	535	Seminar in Physiological Psychology, 3 hrs. (a) probably	3

Other Changes

Psychology	251	Developmental Psychology, 4 hrs. (change number from 351)	-
	435	Physiological Psychology, 3 hrs. (change number from 535)	-
	570	Clinical Appraisal I: Intellectual Assessment (change title and description)	-
	577	Supervised Field Work, 1-3 hrs. (b) May be repeated to 15 credits (raise total credit limit from 6 to 15)	-
<u>Net Hours Added by Department</u>			9
Net Hours Added, All Departments, Carried Forward			60

(a) alternate years.

(b) both semesters of every year.

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward 60

Other Changes

Engineering	301	Material Science, 3 hrs. (b) (replaces Gen. Indust. Engrg. 326, 3 hrs. - see G.I.E. changes.)	3
	306	Fluid Mechanics and Heat Transfer, 3 hrs. (b) (replaces C.E. 302, 3 hrs., and parts of Ch.E. 306 and 405-see C.E. and Ch.E. changes.)	3
	460	Engineering Economy, 3 hrs. (b) (replaces Ch.E. 406, 3 hrs., and M.E. 462, 3 hrs.-see Ch.E. and M.E. changes.)	3
<u>Net Hours Added to Common Engineering Curriculum</u>			9

Courses Dropped

Chemical Engineering	406	Chemical Engineering Economics (replaced by Engineering 460 as listed above.)	-3
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Other Changes

Chemical Engineering	306	Unit Operations in Chemical Engineering, 3 hrs. (credit reduced from 4 hrs.)	-1
	405	Unit Operations in Chemical Engineering, 3 hrs. (credit reduced from 4 hrs.)	-1
<u>Net Hours Dropped by Department</u>			-5

New Courses

Civil Engineering	513	Foundation Engineering, 3 hrs.	3
	535	Fallout Shelter Analysis, 3 hrs. (to be offered only through General Extension Division, for Office of Civil Defense.)	3
	556	Numerical and Matrix Methods of Structural Analysis, 3 hrs.	3
	557	Dynamics of Structures, 3 hrs.	3
	558	Model Analysis of Structures, 3 hrs.	3
	559	Space Frames, 3 hrs.	3

Courses Dropped

Civil Engineering	302	Fluid Mechanics (replaced by Engineering 306, as listed above)	-3
	415	Transportation Engineering	-3

Other Changes

Civil Engineering	(211	General Surveying, 5 hrs. (replaces C.E. 311, 312, 6 hrs., for C.E. students)	-1
	(213	General Surveying, 3 hrs. (Non-C.E. students will complete first 3 hrs. of C.E. 211 for 3 hrs. credit under C.E. 213.)	-
	301	Mechanics of Materials I (title change)	-
	351	Structural Mechanics I (title change)	-
<u>Net Hours Added, Civil Engrg. Dept, Carried Forward</u>			11
<u>Net Hours Added, All Departments, Carried Forward</u>			75

(a) alternate years. (b) both semesters of every ; year.

Department
and NumberCourse Title and Other Information

Net Hours Added, All Departments, Brought Forward	75
Net Hours Added, Civil Engineering Dept., Brought Forward	11

Other Changes, ContinuedCivil

Engineering 412	Soil Mechanics, 4 hrs. (replaces C.E. 411, 3 hrs. and C.E. 413, 1 hr.)	-
423	Hydraulic Engineering, 3 hrs. (replaces C.E. 304, 1 hr. and C.E. 424, 3 hrs.)	-1
451	Structural Mechanics II, 4 hrs. (title change)	-
501, 502	Mechanics of Materials II and III, 6 hrs. (title change)	-
511	Soils Engineering, 3 hrs. (title change)	-
514	Soil Mechanics Laboratory, 3 hrs. (title change)	-
531, 532	Sanitary Engineering, 6 hrs. (title change)	-
551, 552	Theory of Structures, 6 hrs. (title change)	-
554	Structural Design III, 3 hrs. (title change)	-
	<u>Net Hours Added by Department</u>	10

<u>New Courses</u> 509	Semi-conductor Circuits, 3 hrs.	3
Electrical 520	Electronic Computing Systems, 3 hrs.	3
Engineering 525	Electromagnetic Fields, 3 hrs.	3

Courses Dropped

Electrical 301	Introduction to Electronic Computers	-1
Engineering 426	Electronics Laboratory	-1

Other Changes

Electrical 206	Electrical Engineering Fundamentals, 4 hrs. (b)	1
Engineering	(replaces Elect. Engrg. 303, 3 hrs.)	
306	Electronics I, 4 hrs. (title change; decrease credit from 5 hrs. to 4 hrs.)	-1
307	Electrical Engineering Laboratory, 2 hrs. (b)	1
	(increase credit from 1 hr. to 2 hrs.)	
313, 314	Linear Electric Circuits (title and description changes)	-
401	Electric Machinery, 5 hrs. (credit increased from 3 hrs. to 5 hrs.)	2
403	Machinery Laboratory, 1 hr. (no longer continuous with 404)	-
404	Electrical Engineering Laboratory, 1 hr. (title and description changes; no longer continuous with 403)	-
405	Control Systems, 3 hrs. (replaces Elect. Engrg. 402, Electrical Machinery, 3 hrs.)	-
421	Electronics II, 5 hrs. (title change)	-
428	Engineering Design, 3 hrs. (replaces Elect. Engrg. 508, 3 hrs.)	-
505	Servomechanisms, 3 hrs. (description change)	-
510	Semi-conductor Electronics, 3 hrs. (description change)	-
519	Digital Computer Logic, 3 hrs. (title change)	-
	<u>Net Hours Added by Department</u>	10
	Net Hours Added, All Departments, Carried Forward	95

(a) alternate years. (b) both semesters of every year.

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward

Other Changes

Engineering	101	Engineering Graphics, 2 hrs. (title change)	-
Drawing	210	Advanced Engineering Drawing, 2 hrs. each option, A and B (delete options C and D under description)	-

Net Change in Department Hours -

New Courses

General Industrial			
Engineering	301	Industrial Engineering Computer Analysis, 3 hrs.	3
	410	Industrial Engineering Analysis II, 3 hrs.	3

Courses Dropped

General Industrial			
Engineering	326	Metals and Alloys, 3 hrs. (replaced by Engineering-3 301, as listed above)	

Net Hours Added by Department 3

New Courses

Geology	316	Introduction to Oceanography, 3 hrs. (a)	3
	317	Common Rocks and Minerals, 3 hrs. (a)	3

Other Changes

Geology	320	Petrology, 3 hrs. (change title and prerequisite; change course number from 309)	-
	319	Optical and X-ray Mineralogy, 4 hrs. (change title and prerequisites; change course number from 310)	-

Net Hours Added by Department 6

Courses Dropped

Mechanical	202	Computer Methods for Engineers	-1
Engineering	462	Engineering Economy, 3 hrs. (replaced by Engineering 460, as listed above)	-3

Other Changes

Mechanical	321	Mechanical Design I, 3 hrs. (title change; number change from 322)	-
Engineering	322	Mechanical Design II, 3 hrs. (title and description- change; number change from 421)	-
	413	Physical Metallurgy, 3 hrs. (change number from 314; add prerequisite)	-
	426	Vibrations, 3 hrs. (change title and pre- requisite; number change from 526)	-

Net Hours Dropped by Department -4

Net Hours Added, All Departments, Carried Forward 100

(a) alternate years. (b) both semesters of every year.

<u>Department and Number</u>	<u>Course Title and Other Information</u>	<u>Hours Added or Dropped Course Dept.</u>
Net Hours Added, All Departments, Brought Forward		100
SCHOOL OF LAW		
<u>New Courses</u>		
Law 462	Tax Seminar	2
525	Psychopathology and Law (jointly with Medical School)	2
<u>Other Changes</u>		
Law 317	Property I, 3 hrs. (credit decrease from 4 hrs.)	-1
321, 322	Torts I and II, 4, 2 hrs. (credit change from 3,3 hrs.)	-
411	Legal Research, 1 hr. (addition to description)	-
430	Wills, Estates and Trusts, 3 hrs. (credit decrease from 4 hrs.)	-1
404	Remedial Rights, 3 hrs. (change place in Law curriculum <u>from 2nd to 1st year</u> , beginning 1965-66, with permission to offer special section of 404 for 2 hrs. credit during 2nd sem. of 1965-66 only for current 2nd year Law students who have not had this course.)	-
419	Civil Procedure, 3 hrs. (change place in Law curriculum from 1st to 3rd year)	-
472	Federal Jurisdiction, 2 hrs. (title change; reduce credit from 3 to 2 hrs.; change place in Law curriculum from 3rd year to 2nd or 3rd year)	-1
<u>Net Hours Added by Department</u>		1
Net Hours Added, All Departments, Carried Forward		101

<u>Department and Number</u>	<u>Course Title and Description</u>	<u>Hours Added or Dropped</u>
Net Hours Added, All Departments, Brought Forward		101
SCHOOL OF MEDICINE		
<u>New Courses</u>		
Biochemistry 507	Instrumentation in Biochemistry, 2 hrs.	2
<u>Other Changes</u>		
Biochemistry (301	Biochemistry, lecture, 4 hrs.	-
(303	Biochemistry, laboratory, 3 hrs.	-
	<u>will replace</u> Biochem. 301, 7 hrs.	-
501,502	Advanced Biochemistry, 2-5 hrs.	-1
	(decrease credit from 4-6 hrs. to 2-5 hrs., description change, eliminate laboratory)	
	<u>Net Hours Added by Department</u>	1
<u>Other Changes</u>		
Pathology 507,508	Research in Pathology, credit arranged (change number from 510,511)	-
	<u>Net Change in Department Hours</u>	-
<u>Other Changes</u>		
Physiology and Pharmacology 553	Physiology of the Nervous System, 3 hrs. (increase credit from 2 hrs. to 3 hrs.; description change)	1
	<u>Net Hours Added by Department</u>	1
COLLEGE OF NURSING		
<u>Other Changes</u>		
Nursing 317	Maternity Nursing, 6 hrs. (b) (prerequisite change; decrease credit from 7 hrs., with reduced class and clinical hours)	-1
318	Nursing of Children, 8 hrs. (b) (increase credit from 7 hrs., with increased class and clinical hours)	1
405	Psychiatric Nursing, 8 hrs. (b) (prerequisite change; decrease credit from 9 hrs., with reduced class and clinical hours)	-1
415	Public Health Nursing, 7 hrs. (b) (prerequisite change; decrease credit from 9 hrs., with reduced class and clinical hours)	-2
	<u>Net Decrease in Department Hours</u>	-3
	Net Hours Added, All Departments, Carried Forward	100

(a) Alternate years

(b) Both semesters

<u>Department and Number</u>	<u>Course Title and Other Information</u>	<u>Hours Added or Dropped</u>
Net Hours Added, All Departments, Brought Forward		100
COLLEGE OF SCIENCE, LITERATURE, AND ARTS		
<u>New Courses--</u>	Humanities 101,102 Humanities I and II, 8 hours	8
<u>New Courses</u>		
Biology 483	History of Biology, 2 hrs., (a)	2
500	Biological Literature, 1 hr.	1
512	Palynology, 2 hrs., (a)	2
578	Wildlife Disease, 3 hrs., (a)	3
586	Museum Techniques, 1 hr., (a)	1
<u>Other Changes</u>		
Biology 361	Morphology of Non-vascular Plants, 3 hrs. (credit reduced from 4 hrs.)	-1
362	Morphology of Vascular Plants, 3 hrs. (credit reduced from 4 hrs.)	-1
501	Biology of North Dakota, 2 - 4 hrs. (change credit from 1 - 4 to 2 - 4 hrs.)	-
510	Principles of Taxonomy, 2 hrs. (a) (offered formerly as Area C under Biol. 561)	-
519	Aquatic Invertebrates, 3 hrs. (a) offered formerly as Area V under Biol. 561)	-
520	Helminthology, 3 hrs. (a) (offered formerly as Area S under Biol. 561)	-
521	Methods in Parasitology, 2 hrs. (a) (offered formerly as Area T under Biol. 561)	-
530	Biogeography, 3 hrs. (increase credit from 2 to 3 hrs.)	1
531	Plant Geography, 2 hrs. (becomes Area Q under 592)	-
532	Zoogeography, 2 hrs. (becomes Area R under 592)	-
533	Grassland Ecology, 2 hrs. (a) (offered formerly as Area P under Biol. 561)	-
535	Physiological Ecology of Plants, 3 hrs. (a) (credit reduced from 4 hrs.)	-1
539	Insect Societies, 2 hrs. (a) (title change, formerly offered as Area L under Biol. 561)	-
544	Advanced Topics in Physiology, 2 hrs. (a) formerly offered as Area Z under Biol. 561)	-
551	Biochemical Genetics, 3 hrs. (a) (credit reduced from 4 hrs., title change)	-1
554	Cytogenetics, 2 hrs. (a) (formerly offered as Area U under Biol. 561)	-
564	Developmental Morphology of Plants, 2 hrs. (a) (formerly offered as Area D under Biol. 561, title change)	-
Net Hours Added, Biology Department, Carried Forward		6
Net Hours, All Departments, Carried Forward		108

(a) alternate years (b) both semesters of every year

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward 108
 Net Hours Added, Biology, Brought Forward 6

Other Changes Continued

Biology 592 Directed Studies, credits determined (b) A, in -
 Invertebrate Zoology; B, in Parasitology; C, in
 Insect Classification; D, in Myrmecology; E, in
 Vertebrate Zoology; F, in Fishery Biology; G, in
 Wildlife Biology; H, in Mammology; I, in Systematic
 Botany; J, in Plant Morphology; K, in Plant Ecology;
 L, in Animal Ecology; M, in Limnology; N, in Evolu-
 tion; O, in Genetics; P, in Cell Biology; Q, in
 Plant Geography; R, in Zoogeography; (change
 number from 561; add 9 areas of study, drop 1
 area, re-letter 9 areas of which 2 are re-titled)
Net Hours Added by Department 6

Net Hours, All Departments, Carried Forward 114

(a) alternate years (b) both semesters of every year

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward 114

Other Changes

English 101	Composition I, (b), (title and description changes)	-	
106	Elementary Business Writing, 2 hrs., for use at Williston Center in lieu of present 102 (title change; number change from 201)	-	
202	Composition II, (b), (title and description change; number change from 102)	-	
251, 252	Masterpieces of European Literature, 4 hrs. (change title and description; change number from 151, 152; reduce credit to 2 hrs. each semester.)	-2	
309	Advanced Grammar (title and description changes)	-	
	<u>Net Hours Dropped by Department</u>		-2

Geography changes - see page 14

History changes - see page 15

New Courses

Mathematics 460	Numerical Analysis for Digital Computers, 3 hrs.	3	
451	Structure of the Real Number System (summer school only)	3	
501	Research in Mathematics, 1-3 hrs., (b)	3	
521, 522	General Topology (a)	6	

Courses Dropped

Mathematics 103H	College Algebra Honors Course	-3	
408	Solid Analytic Geometry	-3	
503	Operational Mathematics	-2	

Net Hours Added by Department 7

Other Changes

Physics 321	Methods of Experimental Physics (title change)	-	
323	Mechanics, 5 hrs. (increase credit from 4 hrs.)	1	
431	Introductory Quantum Physics (title change)	-	
	<u>Net Hours Added by Department</u>		1

Modern and Classical Languages changes - see page 16

Occupational Therapy changes - see page 17

Philosophy changes - see page 17

Net Hours Added, All Departments, Carried Forward 120

(a) ~~alternate years.~~

(b) ~~both semesters of every year.~~

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward 120

The Geography Department requests approval of the following numbering system, whereby the ten digit will, in all cases, categorize the course content:

00-09 Institute courses 30-39 Physical courses
 10-19 Science courses 40-49 Economic courses
 20-29 Method courses

New Courses

Geography 152 Cultural Geography 3
 424 Techniques in Climatological Research (a) 3
 441 Advanced Economic Geography (a) 3

Other Changes

Geography 131-132 Physical Geography (from 155,156, Ele. of Geog.; course to be continuous) -
 153 Regions and Nations of the World (from 103) -
 233 Meteorology (from 253) -
 234 Climatology (from 254) -
 241, 242 Economic Geography (from 157,158; higher course level) -
 414 Conservation of Resources (from 459) -
 419 Geography for Teachers (from 475) -
 421 Cartography (from 465) -
 422 Advanced Cartography (from 466) -
 428 Quantitative Applications in Geography (from 480) -
 433 Physical Meteorology (a) and summers (from 457, Meteorology for Sec. Teachers) -
 451 Urban Geography (from 452) -
 460 Geography of North America, 3 hrs. (number from 454; credit from 4) -1
 464 Geography of South America, 3 hrs. (a) (course level and number from 364; credit from 4) -1
 468 Geography of Europe, 3 hrs. (course level and number from 362, credit from 4) -1
 463 Regional Geography, 3 to 6 hrs. (credit from 4; description change) 2
 499 Senior Thesis (from 490) -
 523 Field Methods and Techniques (from 500) -
 524 Micro-Area Analysis (from 501) -
 533, 534 Research in Climatology (from 565, 566 Climatology) -
 541, 542 Research in Economic Geography (from 561, 562 Econ. Geog.) -
 544 Economic Geography and Resources of North Dakota (from 560) -
 591 Independent Study, 1 to 4 hrs. (from 573) -
 592 Seminar, 2 to 6 hrs. (from 571) -

Net Hours Added by Department
 Net Hours Added, All Departments, Carried Forward

3
 128

(a) Alternate years (b) Both semesters of every year

Department
and Number

Course Title and Other Information

Net Hours Added, All Departments, Brought Forward

128

New Courses

History 342 History of Science from the Renaissance 3

Other Changes

History 103 United States to 1877 (title change) -
 104 United States since 1877 (title change) -
 303 Age of the Reformation, 1500-1648 (number change
 from 350) -
 304 Europe, 1648-1815 (title change; number from 302) -
 330 Social and Intellectual History of the United States
 to the Civil War, 3 hrs., substituted for Hist. 208,
 Constitutional Hist. of the U.S., 3 hrs. -
 341 History of Ancient and Medieval Science (title change) -
 407 The Rise of Industrial America, 1865-1917 (title change) -
 408 Recent United States History, 1917-Present (title change) -
 415 Germany since 1815 (title change) -
 416 History of Russia to 1815, 3 hrs., substituted for
 Hist. 207, Constitutional Hist. of England, 3 hrs. -
 417 History of Russia since 1815 (title change) -

Net Hours Added by Department 3

Net Hours Added, All Departments, Carried Forward 131

Department
and Number

Course Title and Other Information

Page 16
Hours Added
or Dropped

Net Hours Added, All Departments, Brought Forward

131

Courses Dropped

Classical Languages 103 Origins of Western Culture, 3 hrs. -3

Other Changes

Classical Languages 101, 102 First-Year College Latin, 8 hrs. (credit in-
crease from 6 hrs.; course not continuous) 2

201, 202 Second-Year College Latin, 8 hrs. (credit in-
crease from 6 hrs.) 2

251, 252 First-Year College Greek, 8 hrs. (credit in-
crease from 6 hrs.; course not continuous) 2

351, 352 Attic Prose, 8 hrs. (credit increase from 6 hrs.) 2

Net Hours Added by Department 5

Other Changes

French 101, 102 Beginning French, 8 hrs. (credit increase from
6 hrs.; course not continuous) 2

201, 202 Second-Year French, 8 hrs. (credit increase from
6 hrs.) 2

501, 502 Seminar in French Literature (change number
from 505,506) 1

Net Hours Added by Department 4

Other Changes

German 101, 102 Beginning German, 8 hrs. (credit increase
from 6 hrs.; course not continuous) 2

201, 202 Second-Year German, 8 hrs. (credit increase from
6 hrs.) 2

Net Hours Added by Department 4

New Courses

Spanish 410 Individual Spanish Readings, 1 to 3 hrs., (a) or as
needed 3

Other Changes

Spanish 101, 102 Beginning Spanish, 8 hrs. (credit increase from
6 hrs.; course not continuous) 2

201, 202 Second-Year Spanish, 8 hrs. (credit increase
from 6 hrs) 2

Net Hours Added by Department 7

New Courses

Russian 410 Individual Russian Readings, 1 to 3 hrs., (a) or as
needed 3

Other Changes

Russian 101, 102 Beginning Russian, 8 hrs., (credit increase
from 6 hrs.; course not continuous) 2

201, 202 Second-Year Russian, 8 hrs. (credit increase
from 6 hrs.) 2

Net Hours Added by Department 7

Other Changes

Scandinavian 101, 102 Beginning Norwegian, 8 hrs. (credit increase
from 6 hrs.; course not continuous) 2

201, 202 Intermediate Norwegian, 8 hrs. (credit in-
crease from 6 hrs.) 2

261, 262 Modern Icelandic, 8 hrs. (credit increase
from 6 hrs.) 2

Net Hours Added by Department 6

Net Hours Added, All Departments, Carried Forward 164

(a) Alternate years (b) both semesters of every year

Department
and NumberCourse Title and Other InformationHours Added
or Dropped

Net Hours Added, All Departments, Brought Forward

164

New CoursesOccupational Therapy 411 Special Problems in Occupational
Therapy, 2 - 4 hrs. 4Other Changes

Occupational Therapy 101 Orientation to Occupational Therapy, 2 hrs. -1
(change title and description; change number
from 214; reduce credit from 3 hrs.)

201 Rehabilitation Techniques, 2 hrs. (change title, -
description; change number from 409) -

302 Application of Therapeutic Weaving, 3 hrs. -
(change title and description)

303 Occupational Therapy in Physical Dysfunction, -
3 hrs. (change title and description)

304 Occupational Therapy in Physical Dysfunction, -
4 hrs. (change title and description)

306 Occupational Therapy Practicum, 2 hrs. -
(change title and description)

309, 310 Physical Medicine and Rehabilitation, 4 hrs. -1
(will replace Occ. Th. 308, 1 hr; 407, 2 hrs.
and 412, 2 hrs.)

403 Occupational Therapy in Psychosocial Dysfunction -
3 hrs. (change title and description)

405 Organization and Administration of Occupational -
Therapy, 2 hrs. (change title and description)

410 Clinical Affiliations in Occupational Therapy, 3
15 hrs. (description change; credit increased
from 1-12 hrs. to 15 hrs.)

Net Hours Added by Department

5

New Courses

Philosophy 152 Introduction to Scientific Method, 2 hrs. 2
210 Introduction to Ethics, 3 hrs. 3
301 Introduction to Metaphysics, 3 hrs. (a) 3
beginning 1967-68

491, 492 Seminar in Philosophy, 6 hrs. 6

Courses Dropped

Philosophy 105 Man and Ideas, 3 hrs. -3
503 Philosophical Foundations of Education, 2 hrs. -2

Other Changes

Philosophy 101 Introduction to Philosophy, 3 hrs. (b) -
(change course number from 201)

151 Introduction to Logic, 2 hrs. (will replace -1
Phil. 205, 3 hrs.)

324 Philosophy of Religion, 3 hrs. (change number -
from 424)

351 Advanced Ethical Theory, 3 hrs. (change title -
and description; change number from 401)

397 Theory of Knowledge, 2 hrs. (change of number -
from 399)

408 Philosophy of the Social Science, 3 hrs. (a) -
(change title and description)

Net Hours Added by Department

8

Net Hours, All Departments, Carried Forward

177

(a) Alternate years.

(b) Both semesters of every year.

Net Hours Added, All Departments, Brought Forward 177

New Courses

Sociology and	170	General Anthropology (b)	3
Anthropology	294	Peoples of Asia	3
	426	Social Statistics	4
	331	Rural Sociology	3
	429	Readings in Research Methods, 2-3 hrs.	3
	430	Formal Organization	3
	462	Group Structure and Process	3
	528	Seminar in Research Methods, 2-4 hrs.; May be repeated 4 to maximum of 8 hrs.	4

Courses Dropped

Sociology and	309	Sociology of Childhood and Youth	-3
Anthropology	321	Development of Social Thought	-3
	326	Primitive Religion	-3
	327	Modern Indian Problems	-3
	406	Social Reform Movements	-3
	408	General Ethnology	-3
	410	Development of Social Thought	-3
	414	Juvenile Delinquency	-3
	418	Sociology of Religion	-3
	419	Intergroup Relations	-3
	439	Sociology of Medicine	-3

Other Changes

Sociology and	101	Introduction to Sociology (change number from 201; change description) (b)	-
Anthropology	250	Social Problems (b) (change number from 202; change description; increase credit to 4 hrs.)	1
	252	Criminology (change number from 315; change description; increase credit to 4 hrs.)	1
	270	Cultural Anthropology (b) (change number from 276; change description)	-
	271	Introduction to Physical Anthropology (change title; change description; number from 375)	-
	282	North American Archaeology (change title and description; change number from 302)	-
	283	Central and South American Archaeology (change title; change number from 305)	-
	292	North American Indians (change title and description; change number from 312)	-
	293	Indians of Latin America (number change from 313)	-
	296	Culture Area Studies (change description and number from 404)	-
	323	Introduction to Social Research Methods (title and description change; number from 301) (P.Sc.323 also)	-
	332	The Urban Community (title and description change; number from 314)	-
	335	The Family (title and description change; number change from 308; credit increased to 4 hrs.)	1
	337	Population (title and description change; number from 306)	-
	361	Social Psychology (b) (number change from 310; description change; credit increased to 4 hrs.) (Psych. 361 also)	1
	371	Cultural Dynamics (change description and number from 322)	-

Net Hours Added by Department, Carried Forward -3

Net Hours Added, All Departments, Carried Forward 177

(a) alternate years (b) both semesters of every year

Net Hours Added, All Departments, Brought Forward 177
Net Hours Added, Soc. and Anthropol. Dept., Brought Forward -3

Other Changes, Continued

Sociology and Anthropology	372	Primitive Technology (change description; change number from 303)	-
	374	Comparative Social Organization (change description; change number from 407)	-
	380	Language and Culture (change of title; change number from 401)	-
	382	Field Methods in Archaeology (title change; number change from 425)	-
	400	Advanced Principles of Sociology (change number from 409, and description)	-
	405	Senior Seminar in Current Sociology (change title and description; change number from 510; reduce credit to 3 hrs. from 2-4 hrs.)	-1
	406	Social Change (change number from 428, and description)	-
	411	Contemporary Sociological Theory (change in number from 403, and description)	-
	436	Social Stratification (change in number from 318, and description; increase credit to 3 hrs. from 2)	1
(438		Selected Studies in Social Organization, 2-3 hrs.;)	
(may be repeated to maximum of 6 hrs.)	
()	
(458		Selected Studies in Social Disorganization, 2-3 hrs.;)	6
(may be repeated to maximum of 6 hrs.)	
(468		Selected Studies in Social Psychology, 2-3 hrs.;)	
(may be repeated to maximum of 6 hrs.)	
(478		Studies in Anthropology, 3 hrs.;)	
(be repeated to maximum of 6 hrs.)	
		<u>will replace</u>	
		433, 434, Special Problems, 4-6 hrs. total credit	
466		Collective Behavior, 3 hrs., <u>will replace</u> Soc. 320, -2	
		Public Opinion, 2 hrs., and Soc. 431, Collective Behavior, 3 hrs.	
520		Advanced Statistical Methods and Research Design, -	
		5 hrs., <u>will replace</u> . Soc. 501, Adv. Methods of	
		Soc. Research, 3 hrs., and Soc. 502, Methods of Soc.	
		Research, 2 hrs.	
(538		Seminar in Social Organization, 2-4 hrs.; may be re-)	
(peated to maximum of 8 hrs.)	
(558		Seminar in Social Disorganization, 2-4 hrs.; may be)	6
(peated to maximum of 8 hrs.)	
(568		Seminar in Social Psychology, 2-4 hrs.; may be repeated))	
(to maximum of 8 hrs.)	
		<u>will replace</u>	
		Soc. 507, 508, Seminar in Sociology, 1-3 hrs. credit	
		each semester.	
470		History of Anthropology (change of title and descrip- -	
		tion; number change from 402)	
477		Culture and Personality (number change from 432) -	
508, 509		Individual Research, 1-4 hrs. each semester; may -	
		repeat to maximum of 6 total (number change from	
		533, 534)	

Net Hours Added by Department, Carried Forward 7
Net Hours Added, All Departments, Carried Forward 177

Department
and Number

Course Title and Other Information

Net Hours Added All Departments, Brought Forward 177
 Net Hours Added, Soc. and Anthropol. Dept., Brought Forward 7

Other Changes, Continued

Sociology and Anthropology 512 Advanced Sociological Theory (change description, and number from 503) -
 Anthropology 578 Graduate Studies in Anthropology (change title, change number from 528) -

Net Hours Added by Department 7

The Sociology Department requests approval of a numbering system wherein the middle digits of the course numbers help to identify the major fields of interest in Sociology and Anthropology, as carried out in the above listed course number change requests:

- 0: General Courses
- 1: Sociological Theory
- 2: Methods of Sociological Research
- 3,4: Social Organization
- 5: Social Disorganization
- 6: Social Psychology
- 7,8,9: Anthropology

New Courses

Speech 100 Speech Improvement (b) 1
 418 Television Direction 3
 508 History and Criticism of American Public Address 3
 531 Clinical Audiology 3
 532 Speech Problems Sequel to Neurological Damage 3
 533 Advanced Diagnostic Procedures 3
 534 Advanced Clinical Practicum, 1-2 hrs. 2

Other Changes

Speech 316 Audio Production for Radio and Television (title change) -
 334 Clinical Practicum in Speech and Hearing Therapy, 1-4 hrs. (change title; reduce credit from 1-6 hrs.) -2
 410 Projects in Broadcasting (title change) -
 431 Introduction to Audiology (title change) -
 434 Auditory Training and Speech Reading (title change) -

Net Hours Added by Department 16

Net Hours Added, All Departments, Carried Forward

200

(a) alternate years. (b) both semesters of every year.

Department
and Number

Course Title and Description

Net Hours Added, All Departments, Brought Forward 200

Other Changes

Religion 105N, 106N Contemporary Moral Issues, 4 hrs. (change
 title) -
 209N, 210N The Meaning of Christianity, 4 hrs. (change
 411N Medieval Christian Philosophy, 3 hrs. title) 1
 (increase credit from 2 to 3 hrs.)

Net Hours Added by Department 1

Other Changes

Air Science 101 Defense of the United States, 2 hrs. (change
 title and description; increase credit from
 1 to 2 hrs.) (102 was approved under this
 title and credit 2 years ago) 1
 202 World Military Systems, 2 hrs. (change
 title and description; increase credit from 1
 to 2 hrs.) (201 was approved under this title
 and credit 2 years ago) 1

Net Hours Added by Department 2

Other Changes

Military Science 101, 102 Military Science, 3 hrs. - 1½
 each semester (change credit
 from 1 hr. 1st sem., 2 hrs.
 2nd sem., to 1½ each semester)

Net Change in Department Hours -

TOTAL HOURS ADDED BY ALL DEPARTMENTS 203