

# University of Minnesota

## OFFICIAL DAILY BULLETIN

Vol. XLI

Tuesday, March 19, 1940

No. 250

### REGENTS' MEETING

There will be a meeting of the Board of Regents on Friday, April 12. Please submit items for the docket by March 30.  
Guy Stanton Ford, President

### NOTICE

The University of Minnesota will be closed on Good Friday, March 22.  
Guy Stanton Ford, President

### COMMENCEMENT NOTICE

The speaker at the Commencement Exercises to be held on Thursday, March 21 in Northrop Memorial Auditorium at 11:00 a.m. will be Dr. Henry Noble MacCracken, President of Vassar College. His topic is "Of Human Intercourse."

Malcolm M. Willey,  
University Dean and Assistant to the President

### SCHEDULE OF THE INTER CAMPUS CAR

Spring Vacation, March 22 to March 30, 1940 inclusive

Leaving Minneapolis Campus				Leaving University Farm Campus			
7:40	10:10	12:55	3:25	7:55	10:25	1:10	3:40
8:10	10:40	1:25	3:55	8:25	10:55	1:40	4:10
8:40	11:15	1:55	4:25	8:55	11:35	2:10	4:40
9:10	11:55	2:25	4:55	9:25	12:10	2:40	5:10
9:40	12:25	2:55	5:25	9:55	12:40	3:10	5:40

Regular 15-minute schedule will be resumed on Monday, April 1.

### NOTICE TO DEPARTMENTS

#### Non-academic Personnel

The Board of Regents at its meeting on March 8, 1940, took the following action:

Voted on recommendation of the Committee on Classification of Non-academic Personnel to approve the following amendment to the Rules and Regulations Relating to Non-academic Personnel:

All appointments to positions in the non-academic service shall be limited to qualified applicants who are citizens of the United States and who have been residents of Minnesota for two years immediately preceding the date of application, with the following exceptions:

1. Appointments to positions in the non-academic service requiring professional, technical, or unusual qualifications may be opened to residents of other states who are citizens of the United States and who are otherwise qualified, in the absence of qualified Minnesota applicants.

2. Appointments of students to positions in the non-academic service requiring half-time service or less shall not be restricted by residence status.  
W. T. Middlebrook, Comptroller

### FINAL EXAMINATION SCHEDULE

#### Winter Quarter 1939-40

All Accounting 20, 25-26—Wednesday, March 20—1:30-3:30.  
All English A-B-C—Friday, March 15—1:30-4:30.  
All English 4-5-6—Friday, March 15—2:00-4:00.  
All French 1-2-3-4—Saturday, March 16—2:00-5:00.  
All German 1-2-3-4, 25, 31, 33—Saturday, March 16—2:00-5:00.  
All Rhetoric 1-2-3 (U. Farm)—Friday, March 15—2:00-4:00.  
All Spanish 1-2-3-4—Saturday, March 16—2:00-5:00.  
All Zoology 2—Wednesday, March 20—4:00-6:00.  
First hour MWF and first hour classes meeting four and five days a week, Monday, March 18—8:30-11:30.  
First hour TThS—Thursday, March 21—4:00-6:00.  
Second hour MWF—Tuesday, March 19—8:00-10:00.  
Second hour TThS—Tuesday, March 19—10:30-12:30.  
Third hour MWF—Wednesday, March 20—8:00-10:00.  
Third hour TThS—Wednesday, March 20—10:30-12:30.  
Fourth hour MWF and fourth hour classes meeting four and five days a week—Thursday, March 21—8:00-11:00.  
Fourth hour TS—Thursday, March 21—1:30-3:30.  
Fifth hour MWF—Tuesday, March 19—1:30-3:30.  
Fifth hour TS—Tuesday, March 19—4:00-6:00.  
Sixth hour MWF—Monday, March 18—1:30-3:30.  
Sixth hour TTh—Monday, March 18—4:00-6:00.  
Seventh hour MWF—Friday, March 15—8:00-10:00.  
Seventh hour TTh—Friday, March 15—10:30-12:30.  
Eighth hour MWF—Saturday, March 16—8:00-10:00.  
Eighth hour TTh—Saturday, March 16—10:30-12:30.  
Ninth hour MWF—Wednesday, March 20—1:30-3:30.  
Ninth hour TTh—Wednesday, March 20—4:00-6:00.

Classes meeting 2, 3 or more hours a day are expected to use the period assigned for the first hour at which the class meets. The period for the second hour that the class meets may also be used if desired.

Classes meeting four or more days per week shall be examined at the time set for Monday, Wednesday, Friday classes but may continue into the period set for the Tuesday, Thursday, Saturday class examination if that period follows immediately. For example: A class meeting third hour on Monday, Tuesday, Wednesday, Thursday and Friday should report on Wednesday, March 20, at 8:00 a.m. the time scheduled for third hour Monday, Wednesday, Friday classes but may continue to 11:00 a.m. at the instructor's discretion.

All instructors are asked to observe this principle in order to avoid concentration of examinations and conflicts.

Conflicts in examinations or individual students who find themselves scheduled for more than two examinations in one day should be referred to the Schedule Committee of the college concerned.

All-University Schedule Committee,  
R. M. West, Chairman

### WINTER QUARTER GRADUATES

Seniors who expect to receive their degrees at the Commencement Exercises, Thursday, March 21, are asked to note carefully the following items of information:

**ACADEMIC COSTUME**—Candidates for degrees will appear in Cap and Gown as usual. Those who have not purchased gowns may rent them at the Perine Book Company, the Minnesota Co-Op., the Professional College Book Store, Crane Student Supply Store, and the U Trading Post, for \$1.50 for the week.

It is recommended that the women wear uniform white collars, gum-metal hose, and dark shoes; the men white collars, dark ties, and dark shoes.

**REHEARSAL**—On Thursday, March 21, at 9:00 o'clock, the candidates meet on the stage in the Northrop Memorial auditorium to rehearse the formalities of the occasion and to receive final instructions.

**PROCESSION**—At 10:30 all candidates in Cap and Gown will assemble on the stage of the Northrop Memorial Auditorium and will march from there to their places in the main hall.

**TICKETS AND INVITATIONS**—Admission to reserved seats will be by ticket, except in the case of candidates for degrees. Candidates will receive tickets and invitations by calling at their college windows, Registrar's office.

#### Detail of program:

9:00—Rehearsal of Commencement details, Northrop Memorial auditorium.

10:30—Assembling of candidates on stage of auditorium.

10:50—Procession to seats in main hall.

11:00—Program begins.

The Committee on University Functions,  
E. B. Pierce, Chairman

### PAYMENT OF FEES

#### Spring Quarter Fees Due March 21

Unless otherwise provided in the advanced registration instructions, spring fee statements for all colleges have been placed in the post office boxes.

The last date for payment of Spring quarter fees without late fee is March 21. The fee for late payment is \$2 through April 3 (the third day of classes). Beginning April 4 (the fourth day of classes the late fee will be \$2.50 and will increase at the rate of 50 cents per day to a maximum of \$5. Students who must write home for money or make loans are specially urged to complete such arrangements within the time limit in order to avoid late fee.

Failure to receive a fee statement cannot be accepted as a sufficient reason for late payment or non-payment of fees. Any student who has lost or has not received a fee statement should secure a duplicate at the registrar's office.

Each student is individually responsible for assuring himself that the proper fees for the quarter have been paid by the time specified.

### FEDERAL STUDENTS AND TRAINEES

Federal students, division of Vocational Rehabilitation students, foreign government students, and the beneficiaries of the scholarship funds of miscellaneous agencies, must secure the written endorsement of the assistant registrar on their fee statements, and present them to the bursar within the time limit to avoid late fee. Trainees registered in the College of Agriculture, Forestry and Home Economics will report to the assistant registrar, University farm.

### WINTER QUARTER GRADES

Reports of Winter quarter grades will be placed in the post office boxes to be available Friday, March 29.

### NOTICE TO DEPARTMENTS

Charges against student deposits should be reported to the registrar's office not later than 12 noon, Monday, March 25.

To facilitate recording, final grades for the winter quarter should be sent to the registrar's office as early as possible. All grades should be submitted before noon of Monday, March 25. It will greatly facilitate grade recording if individual reports are forwarded immediately as typing is completed. In order to avoid delay in the mail, campus messenger service will be provided beginning March 23. PLEASE CALL REGISTRAR'S OFFICE, LINE 638, WHEN REPORTS ARE READY.

### REMOVAL OF INCOMPLETES AND CONDITIONS

#### Incompletes and Conditions Must Be Removed by April 30

**Conditions**—A condition examination schedule will be included with the statement of Winter quarter grades where a grade of E was reported. A receipted condition examination fee statement (\$1) will be required for admission to the examination. The fee statement may be obtained at your college window at the registrar's office.

**Incompletes**—Students receiving incompletes should see their instructors immediately after the opening of the quarter and make special arrangements for their removal.

Students who fail to receive schedules and who desire them may obtain them at the information window, registrar's office.

### DEPOSIT REFUNDS

Students who are not returning for Spring quarter should turn in all University property, and equipment, such as library cards, books, military, athletic or band equipment, laboratory material, locker keys, locks, drawing boards, athletic ticket books, etc., before March 21.

Refunds of balances of matriculation deposits of students who do not return for spring quarter will be mailed to their home addresses about May 15.

R. M. West, Registrar

(OVER)

### LIBRARY NOTICE

The University Library will observe the following schedule of hours during the Spring vacation period:

March 21 (Thursday)	8 a.m.-6 p.m.
March 22 (Good Friday)	Closed all day
March 23 (Saturday)	8 a.m.-12 m.
March 25-29, inc.	8 a.m.-5 p.m.
March 30 (Saturday)	8 a.m.-12 m.

From March 23-30, inclusive, the Arthur Upson Room will be open every afternoon from 1 to 5 p.m., except on Saturdays, when it will be open from 9 a.m. till 12 m.

Arthur Upson Room  
Frank K. Walter,  
University Librarian

### SCIENCE, LITERATURE, AND THE ARTS

#### Rooms for Final Examinations

**Business Administration 52w All Sections 1:30 to 3:30 Thursday, March 21, as follows:**  
Mr. Wattson's II hour section, 209 Burton Hall.  
All other sections, Burton auditorium.

**Composition 4w All Sections 2 to 4 Friday, March 15, as follows:**  
Miss Klohn's and Mr. Bostetter's sections, 133 Physics.  
Miss Grandy's and Miss Stock's sections, Botany auditorium.  
Mr. Hamilton's sections, 308 Folwell.

**Composition 5w (with laboratory) All Sections 2 to 4 Friday, March 15, as follows:**  
Mr. Egilsrud's and Mr. Bouvier's sections, 301 Folwell.  
All other sections, Armory.

**Composition 5w (without laboratory) All Sections 2 to 4 Friday, March 15, as follows:**  
II TThS sections, 206 Pattee Hall.  
II MWF and IV MWF sections, 166 Physics.  
VI MWF and VII sections, Jones auditorium.

**Economics 1w All Sections 10:30 to 12:30 Wednesday, March 20, 166 Physics.**

**Economics 3w All Sections 10:30 to 12:30 Wednesday, March 20, as follows:**  
Mr. Simpson's and Mr. Hart's sections, Armory.  
All other sections, Burton auditorium.

**Economics 5w All Sections 8 to 10 Wednesday, March 20, Jones auditorium.**

**Economics 6w All Sections 1:30 to 3:30 Thursday, March 21, 150 Physics.**

**Economics 7w All Sections 8 to 10 Tuesday, March 19, Armory.**

**Economics 20w All Sections 1:30 to 3:30 Wednesday, March 20, as follows:**  
Mr. Sellie's sections and Mr. Wier's V hour section, 166 Physics.  
All other sections, 133 Physics.

**Economics 25w All Sections 1:30 to 3:30 Wednesday, March 20, Burton auditorium.**

**Economics 26w All Sections 1:30 to 4:30 Wednesday, March 20, 206 Pattee Hall.**

**English Aw All Sections 1:30 to 4:30 Friday, March 15, 150 Physics.**

**English Bw All Sections 1:30 to 4:30 Friday, March 15, as follows:**  
I, II, and III hour sections, Burton auditorium.  
IV, VI, and VII hour sections, 150 Physics.

**French 1w, 2w, 3w, and 4w, see Romance Languages.**

**Geography 41w the VI hour section—1:30 to 4:30 Monday, March 18, Burton auditorium.**

**German 1w All Sections 2 to 5 Saturday, March 16, 211 Burton Hall.**

**German 2w All Sections 2 to 5 Saturday, March 16, Burton auditorium.**

**German 3w All Sections 2 to 5 Saturday, March 16, 200 Pattee Hall.**

**German 4w All Sections 2 to 5 Saturday, March 16, 206 Pattee Hall.**

**German 25w All Sections 2 to 4 Saturday, March 16, Burton auditorium.**

**German 31w All Sections 2 to 4 Saturday, March 16, Jones auditorium.**

**German 33w All Sections 2 to 5 Saturday, March 16, Jones auditorium.**

**History 1w All Sections 8 to 10 Tuesday, March 19, as follows:**  
Mr. Anderson's sections, 200 Pattee Hall.  
All other sections, 206 Pattee Hall.

**History 2w All Sections 10:30 to 12:30 Saturday, March 16, as follows:**  
Mr. Denovo's sections, 111 Burton Hall.  
Mr. Anderson's sections, 221 Burton Hall.  
Miss Groben's sections, 209 Burton Hall.  
Mr. Walker's sections, 211 Burton Hall.  
All other sections, Burton auditorium.

**History 5w All Sections 8 to 10 Tuesday, March 19, Burton auditorium.**

**History 15w All Sections 10:30 to 12:30 Friday, March 15, 211 Burton Hall.**

**History 65w 8:30 to 10:30 Monday, March 18, Burton auditorium.**

**Orientation 2w All Sections 8:30 to 10:30 Monday, March 18, Botany auditorium.**

**Philosophy 3w Miss Shaw's VI hour section—1:30 to 4:30 Monday, March 18, Jones auditorium.**

**Political Science 1w 8 to 10 Wednesday, March 20, Music auditorium.**

**Political Science 2w the I MWF section, 8:30 to 10:30 Monday, March 18, as follows:**  
A through N, 206 Pattee Hall.  
O through Z, 200 Pattee Hall.  
The IV MWF section, 8 to 10 Thursday, March 21, as follows:  
A through K, Burton auditorium.  
L through Z, Armory.

**Political Science 25w 10:30 to 12:30 Tuesday, March 19, Jones auditorium.**

**Preventive Medicine 3w 1:30 to 3:30 Monday, March 18, Armory.**

**Psychology 2w the I MWF section 8:30 to 10:30 Monday, March 18, Armory.**

**The III MWF section 8 to 10 Wednesday, March 20, as follows:**  
A through R, Armory.  
S through Z, Burton auditorium.

**Psychology 5w All Sections 8 to 10 Saturday, March 16, Burton auditorium.**

**Romance Languages**  
French 1w, 2w, 3w, 4w, and  
Spanish 1w, 2w, 3w, 4w All Sections 2 to 5 Saturday, March 16, as follows:  
Mr. Clefton's, Miss Howard's, and Mr. Spiegel's sections, 150 Physics.  
Mr. Embry's and Mr. Wilson's sections, 166 Physics.  
Miss Guinotte's and Miss Kragness' sections, 133 Physics.  
Mr. Brackney's and Miss Niemi's sections, 301 Folwell Hall.  
Mr. Grismer's, Mr. Pattison's, and Miss Nelson's sections, 308 Folwell Hall.  
Miss Nissen's sections, 226 Folwell Hall.  
Mr. Barton's sections, 201 Folwell Hall.  
Mr. Minault's sections, 202 Folwell Hall.  
Mr. Sirich's sections, 227 Folwell Hall.

**Sociology 1w All Sections 4 to 6 Thursday, March 21, Burton auditorium.**

**Sociology 49w 8:30 to 10:30 Monday, March 18, as follows:**  
A through J, 210 Pillsbury Hall.  
K through Z, 14 Pillsbury Hall.

**Sociology 53w 8 to 10 Wednesday, March 20, 206 Pattee Hall.**

**Sociology 103w 10:30 to 12:30 Tuesday, March 19, 200 Pattee Hall.**

**Spanish 1w, 2w, 3w, and 4w, see Romance Languages.**

**Zoology 2w All Sections 4 to 6 Wednesday, March 20, Armory.**

### INSTITUTE OF TECHNOLOGY

#### Final Examination Schedule

Winter Quarter 1939-40

#### School of Mines and Metallurgy

##### Freshman Class

Friday, March 15—1:30 to 3:30, English 5, Comp. 305 E.  
Monday, March 18—8:00 to 11:00, M & M 11 Algebra.  
8:00 to 11:00, M & M 12 Trigonometry 111 M.  
Tuesday, March 19—8:00 to 10:00, Geology 12 210 P.  
Wednesday, March 20—8:00 to 10:00, Drawing 12, 101 E.  
8:00 to 10:00, Drawing 7, 1 E, 417 C, 445 C, 455 C.  
Thursday, March 21—1:30 to 3:30 In. Chem. 5, 100 C, 305 E.  
1:30 to 3:30, In. Chem. 15, 110 C.

##### Sophomore Class

Friday, March 15—1:30 to 4:30, Mining 12, Surveying 315 M.  
Monday, March 18—8:30 to 11:30, Met. 11 108 M.  
4:00 to 6:00, Anal. Chemistry 9.  
Tuesday, March 19—8:00 to 11:00, Physics 8, 166 Ph.  
Thursday, March 21—8:00 to 11:00, M & M 32 Calculus, 111 M.  
4:00 to 6:00, Geology 24, Mineralogy, P.

##### Junior Class

Saturday, March 16—1:30 to 4:30, M & M 128 Materials.  
Monday, March 18—8:30 to 11:30, Mining 112, 315 M.  
8:30 to 11:30, Met. 154.  
8:30 to 11:30, Pet. E. 112, 315 M.  
1:30 to 3:30, Geology 145.  
Tuesday, March 19—8:00 to 11:30, Mining 122, 111 M.  
8:00 to 10:00, Geology 124.  
1:30 to 3:30, M. E. 12, Forge, 305 E.E.  
Wednesday, March 20—8:00 to 10:00, Met. 112, 108 M.  
8:00 to 10:00, Geology 152.  
10:30 to 12:30, Met. 107, 108 M.  
10:30 to 12:30, Geology 131.  
2:00 to 5:00, Mining 107, Maps, 205 M.  
Thursday, March 21—4:00 to 6:00, Drawing 14, 107 E.  
4:00 to 6:00, Met. 133, 108 M.

##### Senior Class

Monday, March 18—8:30 to 11:30, Met. 164, 202 M.  
8:30 to 11:30, Met. 154.  
8:30 to 11:30, Pet. E. 144, 315 M.  
8:30 to 11:30, Geology 140.  
1:30 to 3:30, M. E. 138, 110 Ex.E.  
1:30 to 3:30, Geology 92, Fossils.  
4:00 to 6:00, Geology 166.  
Tuesday, March 19—8:00 to 10:00, Met. 135.  
10:30 to 12:30, Pet. E. 153, 315 M.  
1:30 to 3:30, M. E. 12, Forge 305 E.E.  
Wednesday, March 20—8:00 to 10:00, Met. 122 Ore Testing, 108 M.  
8:00 to 10:00, Met. 112, 108 M.  
10:30 to 12:30, Chem. E. 77, Electro Ch.  
10:30 to 12:30, Met. 156, 315 M.  
10:30 to 12:30, Met. 107, 108 M.  
Thursday, March 21—8:00 to 11:00, Mining 142, 115 M.  
4:00 to 6:00, Geology 111, Ore Deposits.

For subjects and rooms not listed, or conflicts, see department concerned.

E. M. Lambert,  
Chairman Program Committee

### MEDICAL SCHOOL

#### Program of the Society for Experimental Biology and Medicine

- March 20, Room 129 Millard Hall, 8:00 P.M.
1. Theelin effect on the oviduct of the English sparrow, *Passer domesticus* (Linnaeus). A. R. Ringo. (Introduced by F. H. Scott.)
  2. Effect of Adrenaline on the potassium balance in the perfused hind limbs of the frog. J. Clifford Stickney. (Introduced by Ancel Keys.)
  3. Inhibitory effect of Sulfanilamide and Sulfapyridine upon the growth of Staphylococci in human blood. Wesley Spink, John Paine, and Jean Jernsta. (Introduced by C. J. Watson.)
  4. Bacteriostatic effect of Sulfathiazol and Sulfamethylthiazol for Beta Streptococci growing in tissue culture clots. Joseph T. King and Austin F. Henschel.
  5. The polycythemia of congenital heart disease (cyanotic type). P. H. Hallock. (Introduced by C. J. Watson.)
  6. New experiments on anomalous osmosis. K. Sollner and I. Abrams. (Introduced by M. B. Visscher.)
  7. The configuration of glutamic acid isolated from the proteins of pig and chick embryo tissue. William G. Clark, L. Earle Arnow, and Jeanette C. Opsahl. (Introduced by F. H. Scott.)
  8. The configuration of glutamic acid isolated from acute lymphatic leukemic tissue protein. L. Earle Arnow, Jeanette C. Opsahl, and Cecil J. Watson.
  9. Elimination of radioactive elements in patients that have received thorotrast intravenously. Wilhelm Stenstrom and Irwin Vigness.

Visitors Welcome.

#### Final Examination Room Schedule for Courses in Preventive Medicine and Public Health

- PM&PH 3 Personal Health, Dr. O'Brien, Monday, March 18, 1:30 to 3:30, Armory.
- 4 Health Problems of Adult Life, Dr. Watson, Monday, March 18, 4 to 6, 12 Medical Sciences.
- 52 Health Care of Family, Dr. Lange, Monday, March 18, 1:30 to 3:30, Farm, Room A, Dormitory.
- 58 Met. and Child Hygiene, Dr. Boynton, Tuesday, March 19, 10:30 to 12:30, 12 Medical Sciences.
- 63 Principles of Public Health Nursing, Miss Arnstein, Saturday, March 16, 10:30 to 12:30, 12 Medical Sciences.
- 108 Care of the Handicapped, Dr. Anderson, Monday, March 18, 8:30 to 10:30, 214 Millard Hall.
- 109 Environment and Disease, Dr. Anderson, Monday, March 18, 10:30 to 12:30, 116 Millard Hall.
- 112 Water Supply, Mr. Pierce, Wednesday, March 20, 10:30 to 12:30, 116 Millard Hall.
- 113 Pollution of Waters, Mr. Olson, Thursday, March 21, 1:30 to 3:30, 116 Millard Hall.
- 115 Milk, Mr. Olson, Tuesday, March 19, 8 to 10, 116 Millard Hall.
- 116 Sanitation, Mr. Pierce, Saturday, March 16, 8 to 10, 116 Millard Hall.
- 120 Correlation Analysis, Miss Gunstad, Wednesday, March 20, 9:30 to 12:30, 12 Medical Sciences.
- Ed.T. 50 Special Methods, Miss Palmer, Friday, March 15, 10:30 to 12:30, 129 Millard Hall.

Gaylord W. Anderson, M.D.