

# MAINE STATE LEGISLATURE

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NEW DRAFT.

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# SEVENTY-FOURTH LEGISLATURE

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SENATE.

No. 358

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## STATE OF MAINE.

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IN THE YEAR OF OUR LORD ONE THOUSAND NINE  
HUNDRED AND NINE.

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RESOLVE in favor of the University of Maine.

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*Resolved,* That there be and is hereby appropriated for  
2 the University of Maine for maintenance the sum of eighty  
3 thousand dollars for the year 1909 and a like sum for the  
4 year 1910.

Also that there be and hereby is appropriated for the Uni-  
6 versity of Maine for the construction of a dormitory the  
7 sum of twenty-five thousand dollars for the year 1909 and  
8 fifty thousand dollars for the year 1910.

Provided, however, that during the time covered by this  
10 appropriation no new departments shall be established at  
11 the University.

Provided, further, that all students hereafter entering the  
13 Engineering courses at the University from outside the  
14 State of Maine shall pay tuition at the rate of one hundred  
15 dollars per year.

## STATEMENT OF FACTS.

ESTIMATES OF EXPENDITURES AND INCOME OF THE UNIVERSITY  
OF MAINE, FOR THE CALENDAR YEARS OF 1909 AND 1910.

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
<i>Salary and Administration</i> . . . . .	\$98,000	\$102,000	\$84,311 75
This includes the salary of the President, 69 professors and instructors, 2 asst. librarians, 2 secretaries, 2 stenographers, 1 bookkeeper, 1 office boy.		Provision for 4 additional instructors at \$1,000.	
This estimate does not contemplate increase of any salary.			
<i>Bacteriology and Veterinary Science</i> . . . . .	400	400	21 69
This includes the supplies of living and other material, and laboratory supplies for both these departments, and equipment for Veterinary Science in the new Agricultural Building.			
<i>Biology</i> . . . . .	800	800	558 81
Includes the following:			
16 Compound Microscopes @ \$40 . . . . .	\$640 00		
15 Dissecting Microscopes . . . . .	33 75		
2 Large Dissecting Microscopes . . . . .	40 00		

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
I Erecting Tube for Microscopes . . . . .	12 00		
I Photomicrographic Apparatus . . . . .	85 00		
I Abbe camera lu- cida . . . . .	16 00		
I set Zoological Charts . . . . .	75 00		
I Recording Kymo- graph . . . . .	60 00		
I Spring Miograph.	60 00		
I recording tuning fork . . . . .	12 00		
All supplies, apparatus, and necessary additional micro- scopes for the increased number of students.			
<i>College of Agriculture</i> . . . . .	7,500	5,000	8,336 51
Permanent laboratory equip- ment in all departments in the new building, the run- ning expenses of the courses in correspondence study and Extension Work of the Col- lege of Agriculture, farm machinery, including one threshing machine, and other machines.			
<i>Chemistry</i> . . . . .	4,000	4,000	2,381 17
All usual chemical supplies, necessary purchase of plati- num ware, scales, and ap- paratus needed for the in- creased number of students. This department has been necessarily neglected for some time.			

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appropriation.
<i>Civil Engineering</i> .....	1,190	800	2,421 31
Includes:			
3 Planimeters .....	\$ 90		
3 Transits .....	600		
3 Levels .....	300		
Rods and Equipment	100		
Additions to cement lab. ....	100		
<i>Electrical Engineering</i> .....	1,965	1,000	1,067 55
3 2 KW. transformers, 55, 110, 550, 1,100 volts .....	\$ 90		
Switchboard terminals and tips for cables..	50		
A low reading alter- nating current volt- meter .....	48		
2 current instrument transformers .....	22		
Demonstration equip- ment, high tension insulators, circuit breakers, frequency and power factor meters .....	150		
Modern lighting appa- ratus .....	140		
A. C. indicating and re- cording wattmeter ..	90		
Voltage regulator, and recording volt- meter and ammeter..	180		
Hot wire voltmeter and hot wire ammeter, portable .....	65		
Single phase railway motor for A. C. and D. C. ....	400		

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
Interpole 10 HP. vari- able speed D. C. mo- tor .....	240		
Electric furnace for elec- tro-steel investigation in connection with thesis work .....	200		
Thesis work expense, and expenses con- nected with construc- tion by students, of special laboratory ap- paratus in E. E. prac- tice time each year..	200		
3 Transformers, 2 K. W. each, giving 55, 110, 500, 1,000, 2,000 volts .....	90		
<i>Latin</i> .....	200		3 92
Books, maps, and lantern slides.			
<i>Mathematics and Astronomy</i> ..	600	1,000	50 00
Includes a Standard Astro- nomical Clock Chronograph, New pier in Observatory for Zenith Telescope.		Combined transit in- strument and Zenith Telescope	
<i>Mechanical Engineering</i> .....	425	425	1,436 84
Includes:			
1 separating calori- meter .....	\$50		
1 micrometer caliper	6		
1 revolution counter	5		
1 barometer .....	10		
1 gas engine indi- cator .....	50		

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
2 platform scales....	60		
4 pressure gages....	20		
2 high temp. ther- mometers .....	15		
1 timber dolly.....	5		
1 gasoline torch.....	2		
1 protractor .....	2		
1 surface condenser.	200		
<i>Machine and Wood Shop</i> .....	1,200	600	755 98
Three standard engine lathes, one speed lathe, one wet tool grinder.			
It will need the appropriation for two years, 1909-1910, to buy all the necessary lathes, etc.			
<i>Pharmacy</i> .....	50	50	10 80
General pharmaceutical prep- arations and supplies for the department.			
<i>Physics</i> .....	500	500	354 70
A variety of much needed physical apparatus.			
<i>Physical Education</i> .....	100	100	52 05
Ordinary repairs and mainte- nance of the gymnasium apparatus.			
<i>Biological, Agricultural Chem- istry and Geology</i> .....	500	300	269 88
Usual chemical supplies for both chemical departments, and some apparatus for the new laboratory.			
For Geology, geological globe, and specimens.			



	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
<i>Care of Buildings</i> .....	3,500	3,500	3,267 85
This includes the salaries of seven or more janitors, occasional extra help, and all supplies, such as oil, brooms, etc.			
<i>Commencement</i> .....	400	400	489 94
Ordinary expenses of commencement week.			
<i>Commons</i> .....	300	300	1,052 14
Heat, light, care of building, depreciation.			
<i>Freight and Express</i> .....	500	500	491 05
Includes all express charges, and the hauling of all supplies and materials from Orono, a mile and a half away.			
<i>Furniture and Fixtures</i> .....	1,100	1,100	703 69
Additional chairs in chapel and recitation rooms, and about half the furniture for the new Agricultural Building.			
<i>Grounds, Equipment and Maintenance</i> .....	2,500	2,500	2,602 89
Includes making new walks, and repairing the old, clipping of lawns, salaries of superintendent and several employees. Maintenance of team, wagon and tools.			

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
<i>Heating Buildings</i> .....	9,000	9,000	9,076 79
Salaries of three firemen through the cold winter months, and two in the autumn and spring. Coal supply for the central heating plant. Repairs and maintenance of heating system.			
<i>Lectures</i> .....	500	500	433 35
Expenses and occasional fees of lectures for any and all departments during the year.			
<i>Library</i> .....	5,000	5,000	5,105 98
Maintenance of files of periodicals and books for all departments of the University.			
<i>Law Library</i> .....	700	700	832 07
Maintenance of Library; new books and periodicals.			
<i>Lighting Buildings and Grounds</i>	1,600	1,600	1,474 34
<i>Miscellaneous</i> .....	2,000	2,000	1,614 23
Includes all items which cannot be classified under our usual ledger accounts. Some things included are: telephone rentals, traveling expenses of President and other delegates, dues to associations of which the University is a member, music for chapel and other occasions, etc., etc.			
<i>Mt. Vernon House</i> .....	800	800	680 99
General equipment, furniture, salary of matron.			

	Amt. re- quired for 1909.	Amt. re- quired for 1910.	Last Annual Appro- priation.
<i>Museum</i> .....	1,000	1,000	702 98
Building of cases, mounting of specimens, purchase of specimens.			
<i>Office</i> .....	300	300	275 96
Paper, ink, blanks, supplies.			
<i>Oak Hall</i> .....	300	300	331 94
This includes heat, light, jani- tor service, not paid for by rentals.			
<i>Postage, Printing, Stationery</i> ..	1,300	1,300	1,247 29
If the State does not pay for our printing of bulletins as heretofore, this should be made \$2,500.			
<i>Prizes</i> .....	90	90	90 00
<i>Repairs</i> .....	12,000	12,000	13,977 57
All kinds of repairs to build- ings, furniture, small addi- tions to buildings, etc.			
<i>School Inspection</i> .....	100	100	46 75
Expenses of official visitors to public and fitting schools.			
<i>Treasury</i> .....	300	300	310 05
Office necessities, blanks, books, etc.			
<i>Trustees' Expenses</i> .....	50	50	50 00
Salary of Clerk and Auditor.			
<i>Water Supply</i> .....	3,500	3,500	3,730 37
This includes water and gas piping, sewer piping, wa- ter charges, and repairs on water system.			
	\$164,270	\$163,815	\$150,621 18

Total amount required for 1909 .....	\$164,270
Total estimated receipts, see p. 7 .....	78,093
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Necessary State appropria- tion .....	\$86,177

MEMO.

Buildings needed at once at University of Maine are: A Dormitory, a Physics Building, a Chemical Laboratory.

ESTIMATED INCOME.

	Estimated receipts for 1909.	Estimated receipts for 1910.	Income from same during last fis- cal year.
Interest on Coburn Fund.....	\$4,000	\$4,000	\$4,000
Interest on Land Grant Fund..	5,915	5,915	5,915
Morrill Fund .....	35,000	40,000	30,000
Tuition, incidentals, registration (May vary more or less.)	33,178	33,178	33,178

**STATE OF MAINE.**

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**IN SENATE,**

March 5, 1909.

Reported by Mr. MILLIKEN from Committee on Education  
and laid on table to be printed under joint rules.

**F. G. FARRINGTON, *Secretary.***