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nations, binomial theorem, probability, statistics, and theory of projection and perspectives. Lesson hours for these supplementary subjects per week range from 2 to 4 hours.

The Second Section of the Regular Course.

First Year (2 hours per week for males and 3 hours per week for females).

Progressions, logarithms, solid figures, trigonometrical functions, daily computations relating to percentage, methods of teaching arithmetic in elementary schools.

Second Year (2 hours per week).

Synthesis of the teaching materials already taught and supplements to them, inequalities, maxima and minima, conic sections, ellipsoid, and study of arithmetical teaching materials for elementary schools.

Additional stuffs for mathematical teaching in the first and second years of the second section of the regular course follow those for the fourth and fifth years of the first section of the regular course.

II. *Higher Normal Schools.*

The object of Higher Normal Schools is to train teachers of *intermediate schools*, viz., of normal schools, middle schools and girls' high schools.

The following table outlines the mathematical curriculum of the first section (viz., the Mathematical Course) of the Science Department of the Tokyo Higher Normal School.

School year			
I	II	III	IV
Arithmetic (2)	Algebra (2)	Algebra (3)	Differential and integral calculus (2)
Algebra (2)	Geometry (2)	Geometry (3)	Advanced calculus (4)
Geometry (3)	Analytical geometry (3)	Differential and integral calculus (4)	Study of mathematical teaching (3)
Trigonometry (2)	Differential and integral calculus (4)	Exercise in algebra (2)	Applied mathematics (2)
Analytical geometry (2)	Exercise in algebra (2)	Exercise in geometry (2)	Exercise in mathematics (2)
Total hours per week 11	13	14	13

The bracketed figures show the number of lesson hours per week. A period of about two months in the third term of the fourth year is devoted to practical exercises in mathematical teaching in the middle and elementary schools attached to the Higher Normal School.

III. *Higher Normal Schools for Women.*

The following table shows an outline of the mathematical curriculum of the Science Department of the Tokyo Higher Normal School for Women.

School year			
I	II	III	IV
Algebra (2) Geometry (2) Trigonometry (1)	Algebra (2) Geometry Analytical geometry (3)	Elements of calculus (3)	Arithmetic and miscellanies in mathematics (4) Methods of mathematical teaching (1)
Total hours per week 5	5	3	5

Teaching program for optional course of mathematics.

	School year	
	III	IV
Algebra . . .	Algebra and theory of numbers (2)	Algebra and theory of equations (2)
Geometry . .	Plane and solid analytical geometry (2)	Projective and descriptive geometry (2)
Differential and integral calculus . .		Differential and integral calculus. Differential equations Elements of theory of functions (6)
Dynamics . .		(2)
Exercises . .	Elementary algebra and geometry (2)	(1)
Total hours per week .	6	13

The third term of the fourth year is likewise devoted to practical exercises in mathematical teaching.