continuity between 1955 which had semesters, and 1965, suggests 1965 also had semesters. Confirmed by email from Registrar

work during Years IV and V. Further, the
se them to the study of practical and theo-
ffairs and the faculty leaders and lecturers
nding who are personally experienced in

ts will devote a nine-week summer session at
guage they studied as undergraduates.
, the students will make the transition to
IS is least active. Housing problems will be
gistered before the autumn term begins.
at SAIS in Washington, but will devote
ward concluding undergraduate degree re-
ninar (or two one semester seminars) super-
rs and culminating in a senior thesis. The
will be spent in the regular SAIS graduate
he B. A. degree at the end of Year IV.
to graduate studies in Washington, though
ıool's Bologna Center in Italy. At the end
the Master's degree by the SAIS faculty.

ıips, graduate fellowships, and student loans
ıis program. In accordance with University
based upon:

cademic achievements,
school background, and
for financial assistance.

tudies

ıd in its School of Advanced International
program. The SAIS program, leading to
to the PH.D., is based on area studies, well
ındamental disciplines such as international
ıplomacy; and by critical analyses of United
d principally toward meeting some of the
itioners and scholars who know the social,
pects of the areas in which they will work,
t methods of critical analysis and policy

d a new building on Massachusetts Avenue
ɔlete academic facility includes classrooms,
e quarters, cafeteria, etc.

admisison to both programs in the normal
page 51 of this catalog. *Those desiring the*
al Relations should so specify.

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MATHEMATICS (11)

Depending on a student's preparation and interests, the first year of mathematics is usually either (a) Analytic Geometry 5- Calculus 6, or (b) Calculus 6-7, or (c) Algebra 15H-16H and Calculus 6H (second term). The choice (b) or (c) is recommended by most physical science departments, the choice (b) by most engineering departments. The courses Algebra 15H-16H and Calculus 6H-7H are open only to qualified students (not necessarily mathematics majors) interested in an enriched program in mathematics. The courses Calculus 6, Calculus 7, Advanced Calculus 19, and Advanced Calculus 20 are offered both terms.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

In order to obtain a B. A. degree a major in the department of mathematics must satisfy the following minimal requirements together with the general degree requirements set forth on page 76.

MATHEMATICS. In addition to the topics in advanced calculus, the candidate should have a knowledge of algebra and theory of functions of real and of complex variables, equivalent to that provided by Mathematics 303-304, 310, and 325.

PHYSICS. The candidate should have a knowledge of at least one topic beyond general physics, such as modern physics or thermodynamics and kinetic theory.

Students who expect to study mathematics beyond the B. A. degree are advised to obtain a reading knowledge of both French and German.

COURSES

Trigonometry 1. Two hours weekly.

Analytic Geometry 5. Four hours weekly.
PREREQUISITE: Trigonometry (may be taken concurrently).

Calculus 6-7. Four hours weekly.
Differential and integral calculus of functions of one real variable (including elements of analytic geometry).

Algebra 15H-16H. Four hours weekly.
Algebraic structures and linear algebra. This course is open only to students qualifying for an enriched mathematics program. Algebra 16H can be taken simultaneously with Calculus 6 or 6H in the second term.

Advanced Calculus 19-20. Three hours weekly.
Functions of several variables, partial derivatives and multiple integrals; sequences and series of functions; improper integrals. Vector analysis and related topics; Fourier series. PREREQUISITE: Calculus 7.

Linear Algebra 16. Four hours weekly.
Vector spaces, linear transformations, matrices and their normal forms. PREREQUISITE: Calculus 7.

This presumably means 2 terms

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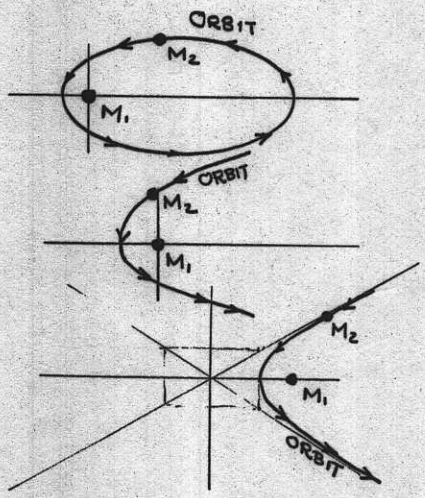

Differential Equations 301. Associate Professor HAVILAND. Three hours weekly.
PREREQUISITE: Advanced Calculus 19 and Linear Algebra 16.

Introduction to Advanced Algebra 303-304. Three hours weekly.
PREREQUISITE: Consent of the instructor.

Functions of a Complex Variable 310. Three hours weekly.
Cauchy-Riemann differential equations, Cauchy's integral theorem and integral formulae, power series, analytic continuation, poles, essential singularities, residues and contour integrals, entire functions. PREREQUISITE: Advanced Calculus 20.

Introduction to Basic Analysis 325. Three hours weekly.
The real number system, limits and continuity, derivatives, Riemann integrals, implicit functions, infinite series and products, uniform convergence, multiple limits, the elementary functions, definite integrals containing a parameter.

Fourier Analysis (for Physicists) 327. Three hours weekly.

Finite Matrices (for Physicists) 329. Three hours weekly.

Linear Differential Equations (for Physicists) 330. Three hours weekly.

Functions of a Complex Variable (for Physicists) 332. Three hours weekly.

Introduction to Linear Analysis 335-336. Three hours weekly.
PREREQUISITE: Advanced Calculus 20.

Artist's rendering of new Oceanography Building.