

THE INSTITUTE OF GEODESY, PHOTOGRAMMETRY AND CARTOGRAPHY

OFFICE OF THE GRADUATE SCHOOL
THE OHIO STATE UNIVERSITY

TO MEET the ever-increasing demand today for better trained professional map-makers, cartographers, geodesists, etc., the Institute of Geodesy, Photogrammetry and Cartography was established in November, 1950, by action of the Board of Trustees of The Ohio State University. Lending its support to this pioneering venture in this hemisphere, the University has recognized the serious need for a marked departure from previous types of training for such professional education.

Today professional men in this field must know the fundamentals of a number of sciences and techniques. The modern cartographer (used in the broad sense) must not only be trained primarily in geology, civil engineering and geography, as in the past, but must have in addition a broad appreciation of the problems and techniques of geodesy, photogrammetry and cartography, even though he may specialize in only one of these. It has become evident that it is no longer practical to base training in this profession upon established and already crowded curricula designed for other professions. What is needed to develop graduates trained in the related fundamentals essential to effective professional practice and to serve as a standard of professional training is a comprehensive instructional and research program at the academic level.

The Institute of Geodesy, Photogrammetry and Cartography, an entity within the Graduate School of the University, is concerned with advanced instruction and research at the graduate level. Several departments of the University—Geology, Geography, Physics and Astronomy, Mathematics and Civil Engineering—cooperate in offering advanced courses, the majority of the advanced courses in geodesy and photogrammetry by the Department of Geology, and those in cartography by the Department of Geography. The instruction program for graduate students, which is highly individual, based on the needs and background of the student, is admin-

istered and prescribed by the Institute through graduate advisers.

The Institute itself is organized under the executive directorship of Professor George H. Harding who is also Director of the Mapping and Charting Research Laboratory of the Ohio State University Research Foundation.

The advanced academic program of the Institute and the academic research essential to, and part of the over-all Institute program is under the scientific direction of Dr. W. A. Heiskanen, with the faculty of the Institute being composed of the regular faculty members of the co-operating departments directly concerned with the program and such special lecturers as may be called upon from time to time to instruct in specialized topics.

The academic research program of the Institute is carried out by those members of the faculty particularly concerned and qualified graduate students. Such research programs will be frequently correlated and associated with research in these fields being carried out by the Mapping and Charting Research Laboratory, a number of whose staff are also on the faculty of the Institute.

Each graduate student will take the basic advanced courses in the field of his interest; the graduate program for candidates for degrees, however, will depend upon the experience and objectives of the student. In other words, no stated graduate curriculum is followed because at advanced levels no one pattern of courses is applicable to all students. A program will consist of courses in the special field of interest, supplemented by courses in co-operating departments designed to meet the individual student's needs. Each candidate for an advanced degree will be guided by an adviser in either the Department of Geology or Geography and later by a committee of the faculty of the Institute, in accordance with the inter-departmental character of the Institute's program.

(For further detailed information about the courses of instruction, admission to The Graduate School, requirements for degrees, tuition, etc., inquiries should be addressed to: The Institute of Geodesy, Photogrammetry and Cartography, Office of The Graduate School. Attention: Dr. J. A. Hynek, Adviser, Graduate Studies, 309 Administration Bldg., The Ohio State University, Columbus 10, Ohio.)

Anticipating that not all students applying for work through the Institute will have had the same undergraduate background and for those undergraduates preparing for work in the Institute, a suggested undergraduate curriculum has been devised by the Institute. This basic curriculum is administered through the College of Arts and Sciences and leads to a Bachelor's degree in geodetic science.

(For further more detailed information on the undergraduate curriculum, a suggested program leading to a degree of Bachelor of Science (with a major in geo-

detic science), etc., inquiries should be addressed to: The Institute of Geodesy, Photogrammetry and Cartography, Office of The Graduate School. Attention: Dr. C. H. Summerson, Adviser, Undergraduate Curriculum, 309 Administration Bldg., The Ohio State University, Columbus 10, Ohio.)

Students or those already engaged in some branch of the profession not wishing to work toward an advanced degree may register as Special Students in the Graduate School and take those courses in the Institute's program which will help them to increase their professional skill. Such students, however, must be qualified to take these courses in the same manner as the candidates for higher degrees.

The Ohio State University operates on the quarter system. Fall Quarter registration must be completed by Sept. 29; Winter Quarter, by January 5, 1953; Spring Quarter, by March 30, 1953; and Summer Quarter, by June 22, 1953.

EMPLOYMENT OPPORTUNITY

Because of Mr. Norcross' desire to be relieved of the Secretary-Treasurer duties, the Directors are considering applicants for the Secretary-Treasurer position. The successful applicant will be expected to serve as business manager, financial manager, and general secretary, and also, it is hoped, will eventually be able to take care of certain other important functions, including such as liaison with committees, membership promotion, and publication sales. The new position will not include the editing and advertising responsibilities, as it is anticipated that these will continue to be handled by Mr. Norcross.

The salary to be initially allotted for the Secretary-Treasurer position has not yet been established, and will depend in part on the qualifications of the successful applicant.

Members or others who wish to be considered for the Secretary-Treasurer post should address a letter of application to the President of the Society, Box 286, Benjamin Franklin Station, Washington 4, D. C. A résumé of the applicant's qualifications should be included as well as a statement as to the minimum salary that would be considered.

GEO. D. WHITMORE, PRESIDENT