



# SCHOOLS AND COLLEGES

## SCHOOL OF ENGINEERING

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### ABOUT

The School of Engineering had its beginning in the University of Guam Pre-Engineering Program, which was established in 1989 to help fill the chronic need for local engineers for Guam and the other islands in the Western Pacific. The Pre-Engineering Program produced students prepared for admission as juniors into any four-year engineering school accredited by ABET. On Oct. 29, 2009, the president of UOG expressed his vision for establishing a four-year accredited engineering degree program to help meet the current and growing demand for engineering expertise in Guam and the region's private and public sectors. In September 2016, the UOG Board of Regents formally established the new School of Engineering, and in February 2019, the board approved a four-year Bachelor of Science in Civil Engineering for the School of Engineering. The School of Engineering is preparing to seek accreditation for its Civil Engineering degree program through the Engineering Accreditation Commission of ABET

A new building will house the new program that will provide state-of-the-art classrooms and laboratories as well as office space for faculty and administrators.

### ACADEMIC MISSION

The mission of the School of Engineering is to develop highly competent professionals prepared for entry-level positions in civil engineering, to further study in graduate school, and for life-long learning and societal leadership.

### VISION

The School of Engineering strives to graduate highly qualified engineers, maintain nationally recognized research, and provide quality professional and community

service to Guam, Micronesia, and the neighboring regions in the Pacific and Asia.

### DEGREES

## DEGREE PROGRAMS

### BACHELOR'S DEGREES

- [Civil Engineering](#)

### ADMISSION

## ADMISSION REQUIREMENTS

Students who are planning to enroll in the program should be familiar with UOG's [admissions policies and procedures](#).

### Required High School Units

First-time college student applicants to the undergraduate program in Engineering will be required to have the following units of study completed in high school:

Course	Units
English	4 units (3 with substantial composition)
Mathematics	4 units (Algebra 1 level and above)
Natural Science	3 units (2 with lab)
Social Science	3 units
Foreign Language	2 units (of the same language)
Academic Electives	2 units



Course	Units
<b>Total</b>	<b>18 units</b>

First-time college student applicants who do not meet the above criteria but do meet UOG general admission requirements will have their applications reviewed by a faculty committee for admission.

Students must also have an ACT mathematics score of at least 25 and an ACT composite score of at least 24 as well as a minimum 1210 SAT combined score or minimum 24 ACT combined score or class ranking in the top 25% of their high school class.

Students without the prerequisite preparation must take the needed coursework before enrolling in courses required for the bachelor's degree.

### Re-admission and Transfer Applicants

Students seeking re-admission must have been in good academic standing when last enrolled. Otherwise, re-admission requires a formal review by the Undergraduate Program Committee. Transfer applicants must have an overall GPA of at least 2.0 in all coursework, which includes repeated coursework attempted at previous institutions. Transfer applicants without a 2.0 or higher college GPA must submit a petition for admission.

### Mathematics Preparation

Students who are interested in enrolling in the Engineering Program must have solid preparation in mathematics. All UOG students enrolling in mathematics courses must take the mathematics placement test before enrolling in their first mathematics course. Arrangements may be made for the placement examination by contacting the Mathematics Science Office at 735-2825.

## ADVISEMENT

Students who have declared civil engineering as their major are required to seek academic advisement through School of Engineering. Students can email Ms. Ferna De La Pena at [delapenaf@triton.uog.edu](mailto:delapenaf@triton.uog.edu), who will be assigning their advisors.

## STUDENT ORGANIZATIONS

Engineering students have opportunities for joining various professional organizations. For more information on the organizations below, contact the School of Engineering.

Student Organization	Faculty Advisor
Society of American Military Engineers (SAME)	Dr. Ujwalkumar D. Patil
Engineering, Mathematics, and Computer Science Club (EMC <sup>2</sup> )	Dr. Fenglien Lee Dr. Jaeyong Choi

## STUDENT ASSISTANTSHIPS AND OPPORTUNITIES

Engineering students have opportunities to work as research assistants or interns at organizations such as the School of Engineering, UOG's Water & Environmental Research Institute of the Western Pacific, Guam Waterworks Authority, Guam Power Authority, and government of Guam agencies, such as the Department of Public Works and Guam Environmental Protection Agency. There are also opportunities for internships and part-time work with private consulting firms.

