



UNIVERSITY OF  
RESEARCH AND  
ADVANCED STUDIES  
GEORGETOWN, GUYANA



[www.uorguyana.org](http://www.uorguyana.org)



[info@uorguyana.org](mailto:info@uorguyana.org)



64 Atlantic Ville,  
East Coast Demerara,  
Guyana, South America

## MSc Degree in Surveying

The first thing an oil or gas company has to do before drilling is to make a map of the area. This is where surveyors come in. They analyze a piece of land, including all features above and below the ground. Only then can the company drill for oil and gas safely, without harming the environment.

Your duties include surveying and mapping the following worksites:

- Oil and gas wells
- Mineral leases
- Tank battery sites
- Disposal wells
- Pipelines

Surveyors use a wide range of tools and technologies while performing their duties. Some of those include:

- Measuring equipment
- GPS devices
- 3D monitors
- Electronic distance measuring (EDM) equipment
- Various tripod-mounted equipment

This is a specialized field of engineering, so you will generally encounter fewer people in your classes. As you move up the company ladder, you are required to obtain a master's degree specifically related to the oil and gas industry. At this point, you will have the skills necessary to perform almost any job within this sector.

Someone has to provide the technical manuals to the oil field technicians, and that job falls on the shoulders of the technical writer. This is the perfect career for those who enjoy teaching others how to do things. You will not only provide

technical support to engineering teams, but you will also get to use your creative skills to draft:

- Manuals
- Project plans
- Design specifications
- Technical bulletins
- Safety data sheets

As you can tell by now, entry into the oil and gas industry is not easy, but the rewards are well worth the effort. Many graduates who find their way in describe it more as an adventure than merely a job.

Obtaining an MSc degree in the field of science and engineering is a substantial commitment but one that is worth achieving. Aside from the above-average pay, you will have opportunities for travel and making connections abroad. Also, if at some point the oil and gas industry is not for you, there are plenty of other industries that are always begging for your expertise.

**Degree Type:**

**MSc Degree**

Entry Requirement: Good Bachelor's Degree or Higher Diploma

**Next Start Date:**

January 2024

**Awarding Institution:**

University of Research And Advanced Studies (UOR)

Fees: US\$15,000.

**Mode of Delivery:**

Full Time OR Part Time Attendance Blended with On Line for 1 year