In partnership with:

With the support of:

NOVA IMS Information Management School

ACADEMIA MILITAR MILITARY ACADEMY

USGIF United States Geospatial Intelligence Foundation

Centro de Informação geoespacial do Exército

Postgraduate Program

Geospatial Intelligence (GEOINT Certificate)

Overview

The GEOINT certificate program, accredited by the United States Geospatial Intelligence Foundation (USGIF), provides education and training in scientific concepts, methods and key geospatial technologies used to solve global human security problems including natural disasters, humanitarian crisis, environmental hazards, military operations, political violence, public healthcare, and challenges in accessing food sources. USGIF is the only organization that provides university accreditation in GEOINT, being the world leader in this field.

Goals

According to USGIF accreditation criteria, GEOINT graduates know how to:

- Apply knowledge of image processing and remote sensing, geographic information science, computer science and analytical processes to geospatial intelligence;
- Search and interpret data and conduct complex analysis;
- Work in a collaborative environment;
- Select, use, synthesize and demonstrate the techniques, skills and tools required to solve geospatial intelligence problems.

Who is it for?

This graduate certificate is for anyone who desires to work in or who already is working in GEOINT fields, such as disaster response, environmental change, business or national security. This certificate is especially relevant to individuals in:

- Military geospatial units;
- Domestic and international humanitarian agencies and NGOs working within geopolitical areas in conflict;
- Defense contracting firms;
- Land-change sciences and assessment of changes in earth conditions (drought impact, fire, insect damage, coastal/marine conditions, natural disasters);
- Governmental agencies in the area of homeland security, statistics, international cooperation, intelligence services and defense.

Program Coordinator

Marco Painho

Academic Calendar and Timetable

This program lasts 2 semesters.

Study Plan

To earn the postgraduate program diploma, students must complete 10 course units:

- Advanced Topics in Geospatial Intelligence;
- Geographic Information Systems and Science;
- Geospatial Intelligence (GEOINT) - CAPSTONE;
- Image Interpretation (IMINT);
- Intelligence for Security and Defense;
- Modelling in Geographic Information Systems;
- Radar Image Analysis;
- Remote Sensing;
- Social Network Intelligence;
- Structured Analytic Techniques for Intelligence Analysis.

Contact us

For more information, please contact:

Joana Aleixo
Admissons Advisor
jaleixo@novaims.unl.pt
(+351) 213 828 610

www.novaims.unl.pt/GEOINT