



VIP

Virtual
Internationalization
Program

Brought To You By



UNIVERSITY
of NICOSIA | Global
Semesters

BE A VIP THIS SPRING!

Science and Engineering Virtual Internships

PROGRAM TERM
Fall 2021

PROGRAM DATES
Sep 27 – Dec 22, 2021

APPLICATION DEADLINE
Sep 13, 2021

PROGRAM COST
\$1,170

INTERNSHIPS FOR CREDIT WITH CULTURAL ENRICHMENT

Build Your Resume/CV During the Fall Semester!

Research Internship Projects

- ✔ **Evaluation of pyPENELOPE for the Simulation of Coupled Electron-Photon Transport in X-Ray Tubes**
- Perform computer simulations and compare results with published data on X-Ray Tube energy spectrums.
Requirements: Requirements: Background in Physics and/or Engineering will be needed. Knowledge of Particle Physics or Nuclear Physics will be an advantage.
- ✔ **(A) Modelling Fluid Driven Fractures with Finite Elements**
- Assistance in Modelling. Help will be provided by the supervising faculty member.
Requirements: Engineering, Physics, Mathematics – BSc 3rd Year or Higher, MSc Any Year, PhD. The background suffices and no prerequisite is required.

Application Requirements

- 1
Select
“VIP Internship Program”
In Your Application
- 2
Include Your
Statement of Interest
In Your Online Application Form
- 3
E-mail
a Copy of Your Resume to:
admissions@globalsemesters.com

☑ **(B) Cap Integrity Analysis after CO2 Sequestration with CFD**

- Assistance in Modelling. Help will be provided by the supervising faculty member.

Requirements: Engineering, Physics, Mathematics – BSc 3rd Year or Higher, MSc Any Year, PhD. The background suffices and no prerequisite is required.

☑ **(C) Wellbore Erosion Modelling with Finite Elements**

- Assistance in Modelling. Help will be provided by the supervising faculty member.

Requirements: Engineering, Physics, Mathematics – BSc 3rd Year or Higher, MSc Any Year, PhD. The background suffices and no prerequisite is required.