UNIVERSITY OF THE BAHAMAS | CELEARN Continuing Education & Lifelong Learning

SCAN QR CODE TO **REGISTER**

Environmental and Aerospace Satellite Engineering (EASE) Programme

FREQUENTLY ASKED QUESTIONS

Reserve your place today!
Space is limited.

1. Why is University of The Bahamas building a satellite?

The satellite serves as a hands-on learning platform that gives students practical experience in engineering, science, project management, data analysis, and international collaboration. It also helps build national capabilities in research, environmental monitoring, innovation, and technology development.

2. Which of the two tracks under the Environmental and Aerospace Satellite Engineering programme is right for me?

The Satellite Development track is best for those seeking hands-on satellite engineering experience, while the Environmental Engineering Analysis track focuses on environmental monitoring and satellite data applications. The Space Masterclass Week is a five-day introductory course suitable for anyone interested in learning about the space industry.

3. What will I study?

Students participate in the complete lifecycle of a real satellite project, from mission design through assembly, testing, and launch readiness. The programme also includes development of ground infrastructure and mission operations systems.

4. How long is the programme?

The Satellite Development track lasts two years, while the Environmental Engineering Analysis track lasts one year. The University plans to repeat the satellite programme every two years to train future cohorts and expand national space capabilities.

5. Who is the programme for?

The programme is for university students, professionals, and individuals with backgrounds in engineering, science, technology, computing, or related fields. Applicants are evaluated not only on academic background but also on motivation, aptitude, and practical experience.

6. Can I take both the Satellite Development and Environmental Engineering Analysis tracks?

Yes. The programmes complement each other by combining technology development with practical environmental applications, giving students a broader understanding of the full satellite lifecycle.

7. When do classes start and what does the schedule look like?

The programme begins with Space Masterclass Week on 14 September 2026, followed by the Satellite Development Programme on 21 September 2026. Each term starts with a mandatory in-person Work Initiation Week followed by online instruction and project work.

8. How is the programme taught?

The programme combines structured instruction with practical project work on a real satellite. Learning is focused on teamwork, project milestones, and real-world engineering practices rather than traditional examinations.

9. Are there any prerequisites?

A background in mathematics, physics, engineering, computing, or a related field is recommended but not required. Both academic preparation and demonstrated motivation, aptitude, and practical experience are considered for admissions.

10. Is the programme full-time or part-time?

The programme is designed to accommodate both full-time students and working professionals. While attendance at scheduled classes and project activities is required, much of the work can be completed flexibly and remotely.

11. What is the expected workload?

Students should expect approximately 3 hours of structured classes and 5 to 10 hours of project work per week. The workload may increase during major project reviews and milestone periods.

12. Do I need to complete the entire programme?

Yes. The programme is designed as a complete end-to-end satellite development experience, with the second year building directly on the first year's work. Separate certificates may be offered for each year of completion.

13. What career opportunities can these programmes support?

The programmes develop practical engineering, project management, problem-solving, and data analysis skills applicable across aerospace, technology, manufacturing, consulting, and other advanced industries. Graduates gain real project experience that is highly valued by employers.

CELEARN • celearnppd@ub.edu.bs • www.ub.edu.bs/ease-programme • (242) 302-4449

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14. Will I be building a real satellite?

Yes. Students contribute directly to the development of a real, advanced Earth-observation satellite intended for launch into orbit.

15. How much does the programme cost?

The University plans to offer limited financial aid, especially for undergraduate students. Tuition details are available through CeLEARN, with additional information to be released as funding arrangements are finalized.

16. Who are the instructors?

The programme is taught by experienced international and Bahamian industry professionals, including experts from Aistech Space and other organizations. Additional guest lecturers from leading space agencies and industries may also contribute.

17. What qualification will I receive?

Students will receive a formal CeLEARN Certificate of Completion documenting their skills, experience, and project contributions. The University is also exploring future pathways to academic credit and degree recognition.

18. Can I earn academic credit?

Yes. Academic credits are expected to be assigned to modules in accordance with University policies, and some may become transferable to other academic programmes.

19. Who runs the programme?

The programme is administered by CeLEARN at University of The Bahamas in partnership with international industry experts and organizations, including Aistech Space.

20. Are scholarships available?

The University is actively seeking sponsorships and scholarships to support eligible students. Funding availability will vary, and applicants are encouraged to apply even if awards have not yet been finalized.

21. Can international students apply?

Yes. International students and professionals are welcome to apply, and much of the programme can be completed remotely, although some activities may require in-person participation.

22. Is travel to Europe mandatory or optional?

Travel is generally optional and most programme activities can be completed from The Bahamas. However, selected students may have opportunities for international training, internships, conferences, and testing campaigns.

23. What software, equipment, or computer specifications are required?

Students will need a reliable computer and internet connection capable of supporting online learning and technical software. Any specialized software, equipment, or hardware requirements will be communicated in advance.

24. Will recordings of online sessions be available?

Where practical, online sessions will be recorded and made available through the CeLEARN platform. Recordings are intended to support learning but do not replace attendance and participation.

25. What happens if I miss one of the Work Initiation Weeks?

Work Initiation Weeks are mandatory because they establish project objectives, responsibilities, and expectations for the term. Students with exceptional circumstances should contact programme administrators as early as possible.

26. What level of mathematics and physics knowledge is expected?

A working knowledge of mathematics and physics is helpful, particularly for students in technical disciplines. However, the programme is designed to help participants strengthen their skills through practical application and hands-on learning.

27. Are there age restrictions or minimum educational requirements?

There are no specific age restrictions beyond University requirements. Applicants are assessed based on their education, experience, motivation, and ability to contribute to the programme.

28. How do I sign up?

Registration is completed through University of The Bahamas CeLEARN. Prospective students should review programme information on the University website before enrolling.

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