

Course Outline for OCES 4964 - Ocean Science and Technology Capstone Project Research

Course description: OCES4964 serves as the basic research training in an area of ocean science provided by the BSc Ocean Science and Technology. Students are required to conduct a literature review or research project under the supervision of a faculty member, and to submit a written report and give an oral presentation.

OCES 4964 offers a series of literature review based research project on the below listed topics under the supervision of OCES faculties. This research project involves literature search, scientific readings, organization and summary of scientific contents in specific science topic, and presenting the key findings in both written and oral formats. Upon completion of the study, students are required to submit a written project report and give an oral presentation of their findings.

OCES 4964 intended learning outcomes:

1. Understand the current and emerging topics in ocean science and technology
2. Interpret and critically analyze scientific data, and draw conclusions from literature review or research project.
3. Integrate learnt knowledge and effectively communicate related knowledge through oral and written formats
4. Work independently and/or collaborate effectively in team work
5. Self-evaluate their own learning process, and develop motivation and skills for life-long learning.

Meeting with supervisors

Students are required to meet with their supervisor for a minimum of 30 mins each week to discuss project progress, findings, and any challenges encountered.

Course Assessment:

1. Individual project report **(35%)**
2. Individual oral presentation of the project findings **(50%)**
 - Presentation time: Each student 10 min + 5 min Q&A
3. Continuous assessment **(15%)**

Important notes:

* The usual academic plagiarism guidelines apply (<https://registry.hkust.edu.hk/resource-library/how-avoid-plagiarism-and-copying>). Where there is a case for academic plagiarism the minimum penalty is zero on the relevant section; the marker reserves the right to escalate to larger penalties (e.g. failing the course, recording a case of academic misconduct, etc.)

* The use of AI tools is allowed for this course for all parts but citations should be given accordingly (e.g. <https://libguides.hkust.edu.hk/ai-literacy/fags>). Usage without citation is regarded as academic plagiarism and above point applies.

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