

**THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**MSc Program in Data-Driven Modeling**

**MSDM 6771: Data-Driven Modeling Seminars and Tutorials**  
**Fall - Spring 2023-24**

Course coordinator:

- Prof. Ding PAN ([dingpan@ust.hk](mailto:dingpan@ust.hk))

Advisor/Mentor:

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The seminars and workshops will be scheduled from time to time in the following timeslots:

- Thursday 5:00PM - 5:50PM (Rm 1104, Acad Concourse, next to Lecture Theater A)
- Friday 4:00PM - 5:50PM (Lecture Theater H) – for seminars only

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### **Course Overview**

All students in the MSc in Data-Driven Modeling program are required to take this course. This course aims to introduce to our students the latest development in data-related industrial areas, and inspire students with the experiences of leading experts in industry and our faculty members. It will also train our students on how to prepare for job application materials and job interviews.

Appropriate seminars and small group tutorials are scheduled to expose students to a variety of issues in data science and industry, and to enhance students' communication with industry experts and faculty.

This course lasts for one year. The students are required to attend the seminars and tutorials in two regular terms. Graded PP, P or F.

### **Intended Learning Outcomes**

Upon successful completion of this course, students will be able to:

- Formulate the future plans about their careers and explain them to faculty members and fellow students in both small and large group settings.
- Identify the latest key developments in data industry from the expert sharing seminars.
- Participate in small group discussions with confidence on various topical issues.
- Apply communication skills at work, both as individuals and when in large groups.
- Search for and retrieve information on a variety of topics relevant to career development and lifelong learning in data science.
- Apply basic skills for preparing successful resumes, cover letters and job interviews.

### **Course Elements**

- Meeting with mentors
- Career development workshops and activities
- Expert sharing seminars
- Experience-sharing meetings with alumni

### **Requirements**

Students are required to complete the following requirements to pass the course.

- Meet with their advisors/mentors at least once, preferably in the beginning of Fall.
- Attend at least two Career development workshops and activities.
- Attend at least four Expert sharing seminars and submit the related report form to the MSc DDM Program office (*Remarks: the form can be downloaded from Canvas*).

### **Academic Honesty**

You are expected to uphold the HKUST Academic Honor Code and show the highest level of integrity in your work. Plagiarism – copying other people’s work without proper citation or any other form of academic dishonesty is strictly prohibited. Please check the academic integrity website for more information on how to avoid plagiarism: <http://www.ust.hk/vpao/integrity/>.

### **Enquiry**

Please contact the Program Office for any questions at [mscddm@ust.hk](mailto:mscddm@ust.hk).