



Office of International Cooperation

Faculty of Science, Mahidol University

272 Rama 6 Rd., Phayathai, Ratchathewi, Bangkok 10400, Thailand

Tel: +66 (0) 2201 5073, Fax: +66 (0) 2201 5033, <http://www.sc.mahidol.ac.th/IC/>

Minutes of Meeting

**Discussion on Double/Joint Degree Programmes and Academic Collaboration
Between the Faculty of Science, Mahidol University, Thailand and the Faculty of Science
and Engineering, Macquarie University, Australia**

**Wednesday, 1st May, Room K101, 09.30-11.30 a.m.
Chalermprakit Building, Faculty of Science, Mahidol University**

A meeting of the visit and discussion on Double/Joint Degree Programmes between the Faculty of Science, Mahidol University (MUSC) and the Faculty of Science and Engineering, Macquarie University (MQ) was held at the K101 Conference Room, on Wednesday 1st May 2019 during 09.30-11.30 a.m. Attendees from the two universities included:

Delegation of the Faculty of Science and Engineering, Macquarie University

Assoc. Prof. James Downes

Mr. Feargal Caley

Associate Dean Learning and Teaching

International Development Manager

Member of the Faculty of Science, Mahidol University

Assoc. Prof. Kanyaratt Supaibulwatana Vice Dean, Faculty of Science

Assist. Prof. Tanakorn Osotchan Deputy Dean for Research

Assoc. Prof. Wannapong Triampo Deputy Dean for Education Service of Salaya Campus

Assist. Prof. Sujin Suwanna Lecturer, Department of Physics

Ms. Nongnuch Prasomkhum Head, Office of International Cooperation

Mr. Sethavudh Kaewviset Office of International Cooperation

Ms. Rungrat Suriyin Office of International Cooperation

Ms. Wannapa Somvong Office of International Cooperation

Member of Division of International Relations, Mahidol University

Mr. Disayanun Pejpongsai

Division of International Relations

Office of the President, Mahidol University

Approval of Minutes

The meeting and discussion were organized along with the previous meeting and the topics involving Double/Joint Degree Programmes to be established by the two universities in various areas and disciplines including Environmental Biology, Physics, Science Innovation, Computing and Mathematics and Statistics. The Department of Physics, Faculty of Science declared the situation that many undergraduate and postgraduate students from the Department of Physics have taken part in student exchange programs among various universities around the world. Quantum Physics is one of the advantage and interesting areas among the exchange students, it can be a major topic for joint program development between the two universities.

MUSC noticed that a Double/Joint Degree Programme seems to be difficult to offering among the undergraduate students but perhaps, it is more suitable to establish in a postgraduate level. MUSC Deputy Dean for Education Service of Salaya Campus also added on that education philosophy has recently been changed due to the effects of technology disruption, so a content-based curriculum or outcome-based education then become more important to support the effectiveness of the joint curriculum. The employability is also a concerned point as one of the key successes in the joint curriculum development. The two universities jointly agreed in these initiative ideas.



Office of International Cooperation

Faculty of Science, Mahidol University

272 Rama 6 Rd., Phayathai, Ratchathewi, Bangkok 10400, Thailand

Tel: +66 (0) 2201 5073, Fax: +66 (0) 2201 5033, <http://www.sc.mahidol.ac.th/IC/>

MUSC Deputy Dean for Research also enhanced that MUSC Department of Mathematics actually offers a study and research area that relevant to Data Science, it is a good opportunity if the two universities could also establish any further collaboration in this track. MQ emphasized that the existing education system of the two universities is similar so, it is possible to develop the joint program in this area. Only the Physics area actually has complication in curriculum itself, then both universities required having further discussion.

The Faculty of Science, Mahidol University proposed a 3-track of choices for Double/Joint Degree Programmes that the two universities jointly recognized, these tracks included:

- 1) Student is required to study the whole 4 years in MUSC.
- 2) Student spends 2 years in MUSC and another 2 years in MQ.
- 3) Student spends the whole 4 years in MQ.

The two universities acknowledge in discussed general principles of Double/Joint Degree Programmed to be established between MUSC and MQ. MUSC proposed the visit of MQ to have a meeting and discussion again on 26 July 2019 at the Faculty of Science, Mahidol University, Phayathai Campus.

The discussion ended at 11.30 p.m.

Summarized by

A handwritten signature in blue ink, appearing to read 'Sethavudh Kaewviset'.

Mr. Sethavudh Kaewviset
Office of International Cooperation
Faculty of Science, Mahidol University

Approved by

A handwritten signature in blue ink, appearing to read 'K. Supaibulwatana'.

Assoc. Prof. Kanyaratt Supaibulwatana
Vice Dean, Faculty of Science
Mahidol University