

# Faculty of Cognitive Sciences & Human Development

Universiti Malaysia Sarawak



## Postgraduate Programmes

<http://www.fcshd.unimas.my>

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## Masters and Doctorate Degrees in Learning Sciences

Learning Sciences is interdisciplinary in nature, combining advanced knowledge and skills in the areas of cognitive sciences, instructional technology and learning sciences research in its curriculum framework. The field is made up of a community devoted to the study of teaching and learning in schools, colleges and universities. It investigates patterns of learning using technology in the workplace, at home, and in the community. It also explores concepts and designs of learning environments that facilitate learning.

This is the first postgraduate programme in this field to be offered in Malaysia. It is designed for individuals who are interested to pursue research in innovative applications of technology for learning.

### Postgraduate Programme in Learning Sciences



#### Career Opportunities

- Course Developers
- Instructional Technologists
- Academics/ Teacher Educators
- Consultants (from software companies, training centres)

#### Entry Requirements

##### Master's Programme:

A Bachelor degree from a recognised local/foreign university with a minimum CGPA of 3.0, Second Class Upper Honors (or equivalent) in a field relevant to the candidate's area of research.

##### PhD Programme:

A good Master's degree from a recognised local/foreign university (or equivalent) in a field relevant to the candidate's area of research.

#### Application procedure:

To submit Online Applications for Admission at:

<http://www.postgrad.unimas.my>

Centre for Graduate Studies  
Universiti Malaysia Sarawak  
94300 Kota Samarahan  
Sarawak, Malaysia.

Phone: +60 82582344/582488

Email: [cgs@pps.unimas.my](mailto:cgs@pps.unimas.my)

The postgraduate programme in Learning Sciences is committed towards promoting instructional practices grounded on the scientific understanding of learning. The programme has three study modes:

- MSc. in Learning Sciences
  - *Coursework and Research modes*
- PhD. in Learning Sciences
  - *Research mode*

The normal duration of study for a Masters degree (via coursework and research) is two years (full-time). For the PhD programme, it is three years (full-time) and six years (part-time).

The programme aims to produce graduates with expertise in the sciences of learning and who are able to design and develop resourceful instructions to match the demands of 21st century learners.



#### Syllabus for MSc. in Learning Sciences (Coursework)

MSc Learning Sciences is a 40-credit programme that offer twelve comprehensive courses. The programme is offered on **full time mode** over a period of 24 months (4 academic semesters).

The courses are categorised into three components:

##### Sciences of Learning

1. Cognitive Science: Foundations of Learning Sciences
2. Psychology of Learning for Instruction
3. Social and Cultural Dimensions in Learning & Instruction
4. Scientific Inquiry
5. Seminar in Learning Sciences

##### Instructional Technology

1. Design of Learning Environments
2. Development of Technology-Based Learning Environments
3. Computer Supported Collaborative Learning

##### Research Methodology

1. Applied Statistics in Learning Science
2. Qualitative Research in Learning Science
3. Quantitative Research in Learning Sciences
4. Research Paper



If you are interested to find out more, please contact:

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#### Learning Sciences

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