

# Certificate of Advanced Studies

## Exploration & Development of Deep Geothermal Systems DEEGEOSYS 3<sup>rd</sup> Edition 2015-2016



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FACULTÉ DES SCIENCES

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## CAS DEEGEOSYS - Exploration & Development of Deep Geothermal Systems - 3<sup>rd</sup> Edition 2015-2016

### Objectives

In Switzerland and Europe, the number of specialists in deep geothermal systems is very limited. This Certificate of Advanced Studies (CAS DEEGEOSYS) is dedicated to train scientists and engineers in several fields of applied geothermics. They will be capable of organizing and leading exploration and development projects of deep geothermal resources (deep aquifers and Enhanced Geothermal Systems).

### Training programme

The CAS DEEGEOSYS includes four one-week long modules separated by a two-month break. Each module covers a specific topic.

- Module 1**  
**Geothermics and Geophysics**
- Module 2**  
**Geochemistry and Hydrochemistry**
- Module 3**  
**Drilling and Logging**
- Module 4**  
**Reservoir Evaluation and Production**

### Participants

Earth scientists (geologists, geophysicists, hydrogeologists, geochemists), civil - or energy engineers, having a M.Sc. or an equivalent degree.

### Certificate

To be granted the certificate, the participants have to achieve successfully the 4 modules, the exams and the technical report.

The modules include courses given in English by international experts, exercises, visits of geothermal installations and exams.

At the end of the course, the participants will be required to write a technical report.

The CAS DEEGEOSYS totalizes 10 ECTS: 2 ECTS per module and 2 ECTS for the technical report.

### Organization and Venue

Centre for Hydrogeology and Geothermics  
CHYN  
University of Neuchâtel  
Rue Emile-Argand 11  
2000 Neuchâtel, Switzerland

### Fees

- Application (no refund): CHF 200.-
- Administration: CHF 200.-
- Four modules: CHF 4'400.-
- Technical report: CHF 1'100.-
- Grand total: CHF 5'900.-

### Schedule

The third edition of the CAS DEEGEOSYS will start in September 2015:

- Module 1: September 7-11, 2015
- Module 2: November 9-13, 2015
- Module 3: January 11-15, 2016
- Module 4: March 14-18, 2016
- Technical report deadline: May 30, 2016.

### Information

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### Registration

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Detailed information and registration form:  
[www.unine.ch/foco](http://www.unine.ch/foco)