



Biodiversity in a changing climate: e-learn more

Course structure and educational content
Activity pole 3
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Hungarian Natural History Museum



Partner Meeting – 5-7 Sep 2018
Mangualde, Portugal



Biotalent Erasmus+ project total of 80 learner hours



***Online module - General biodiversity
and climate change part
(20 learner hours)***



***Online module – Botanical part
(20 learner hours)***

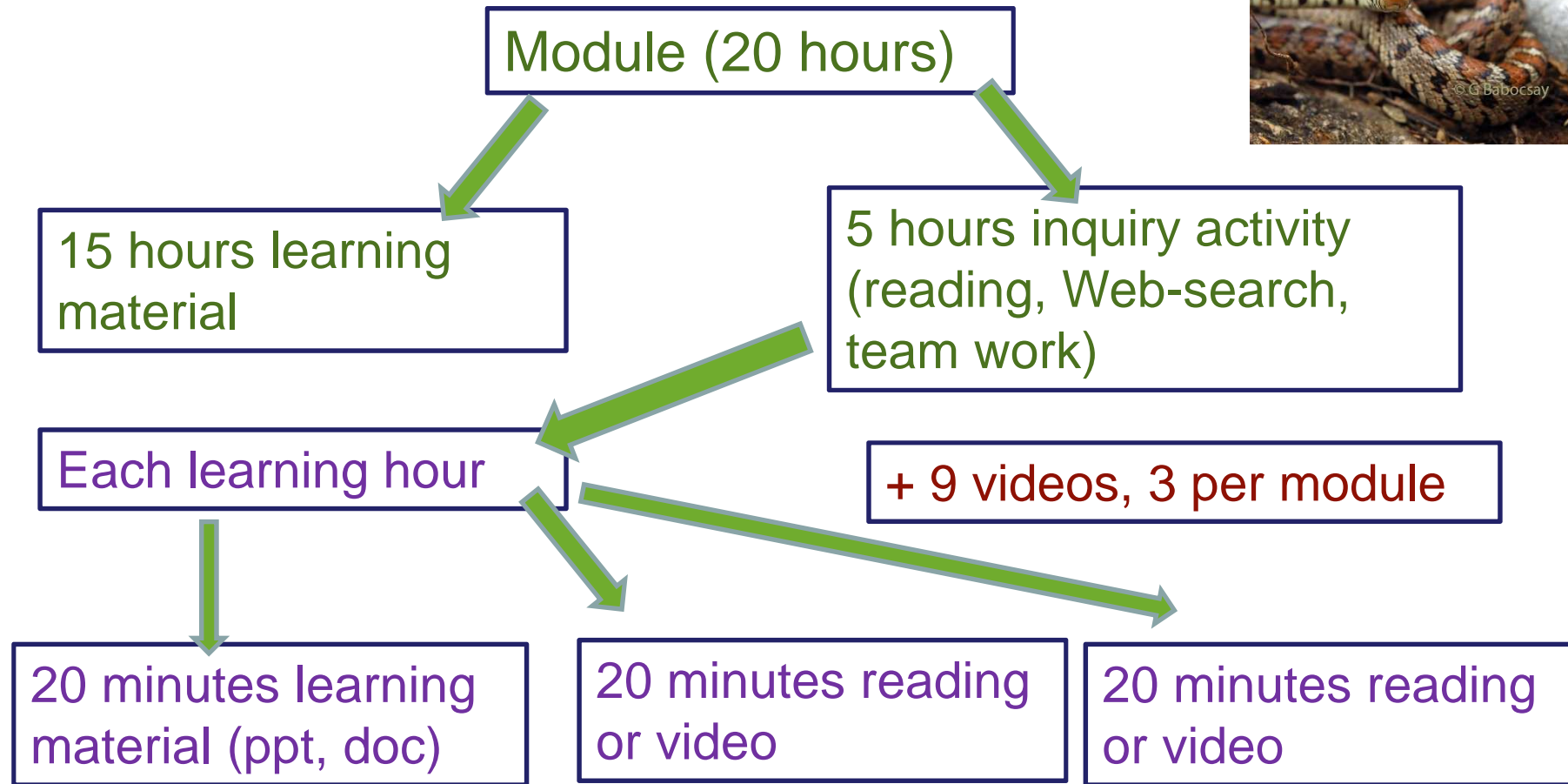
OR

***Online module – Herpetological part
(20 learner hours)***

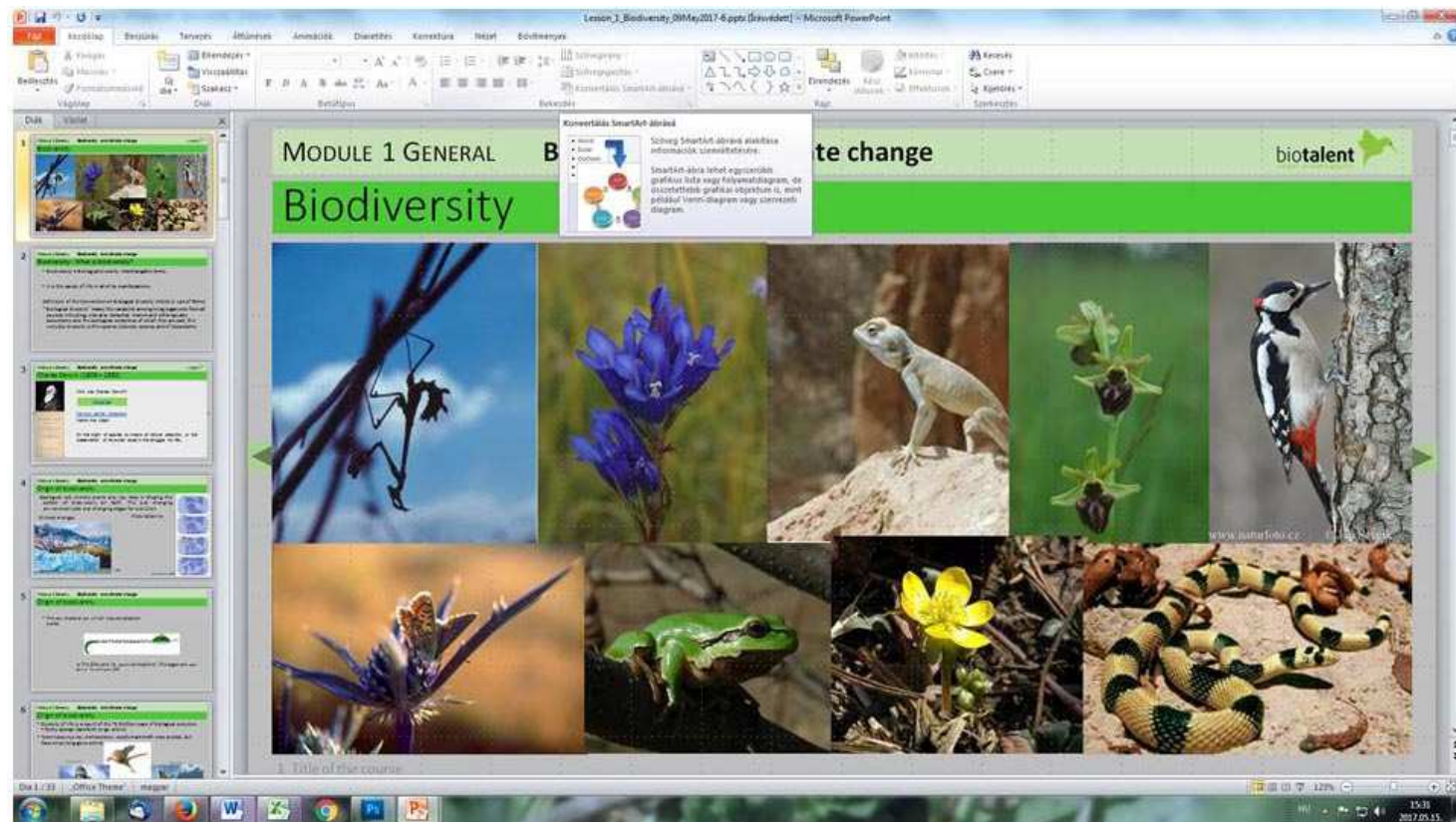


***Face to face module – Field and
museum work in Crete, Greece
(40 learner hours)***





ppt presentations + additional obligatory and optional reading material



Content of the online platform

General part: Biodiversity and Climate Change

Biodiversity, its state, relevance to society, conservation, introduction to taxonomy, methods of taxonomy, structure and use of scientific collections. Climate change, its impact on biodiversity and the consequences of biodiversity loss on the society

Case study parts

- **Case study I.: Botany (medicinal plants)**
 - Introduction to botany: relevance of plants for life; 'botanical chemistry', plants in ancient and modern medicine; effect of climate change on the diversity of plants; consequences to human societies and life.
- **Case study II.: Herpetology**
 - Introduction to herpetology, ecological relevance of amphibians and reptiles, herpetofauna as indicator of environmental health, consequences of their loss on the environment and human life.

Attended module **training-on-the-job** Museum/Field part

- The attended/practical part is a module combining two activities/sessions
 - a scientific museum collections based training session
 - a field session with a split to
 - 90% guided (taught by experts in the field and in the collection)
 - 10% supported online (preparatory exercises for the field etc.).

Learning materials

Attended module **training-on-the-job**

Museum/Field part

- A mini-text book on museum collections in general and two on specific collections
- Quizzies on museum collections
- Pocket field guides for Crete herps and medicinal plants



Evaluation of the students

Online part

- Individual reports/essays
- Online test

Attended part

- Submission of reports and collected plant material or field notes on the chosen case study topic





Schedule



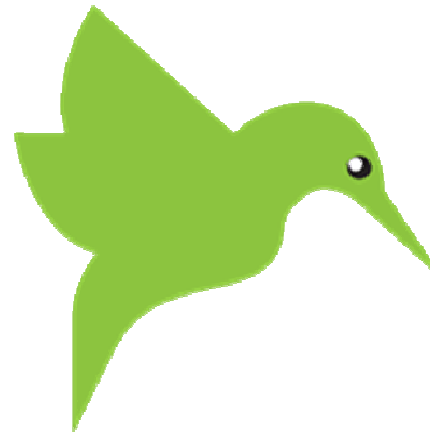
Student registration call: September 2018

Online course: January – March 2019

Field trip: May 2019

Students will receive a certificate after successful completion

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Thank you for your attention
Any questions?

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