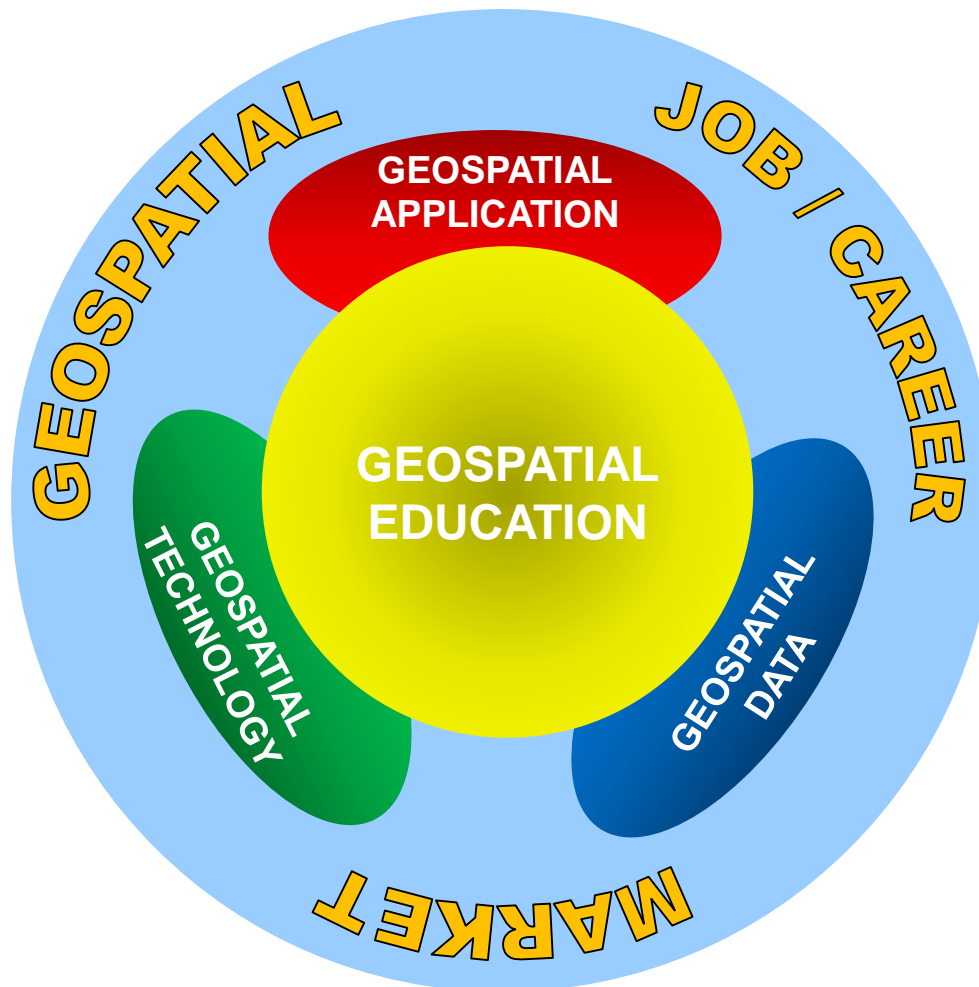




UNIGIS: Meeting the Challenge of Lifelong Learning in GIScience and Systems

Dr. Shahnawaz
Director (S & SE Asia)
UNIGIS International

The Challenge: Lifelong Learning





UNIGIS the global virtual and
multilingual network
of GIScience

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Welcome to UNIGIS International



**Master of Science in GIS
GIScience and Geoinformatics at a postgraduate level**

The **UNIGIS International Association** is the world's premier distance education initiative offering masters and diploma programmes in **Geographical Information Science and Systems (GISc)**. As a global network of higher education institutions UNIGIS is dedicated to enhance the competence of GIS professionals like you!

■ **GIScience and Geoinformatics via Distance Learning**

- Aspiring to an internationally recognised qualification in GIScience?
- Searching for high quality academic learning environments?
- Prefer a flexible alternative to full-time studies compatible with family and work?
- Want to enhance your long-term career prospects?

■ **UNIGIS News Worldwide**

[UNIGIS Scholarships for
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The University of
Salzburg with its
Interfaculty
Department of

UNIGIS History

- **First courses in 1993**
 - **Manchester - Amsterdam - Salzburg**
 - India started in 2005
 - **Global network on all continents**
 - 5-8 partner institutions in South & SE Asia
- dedicated to “lifelong learning“!**







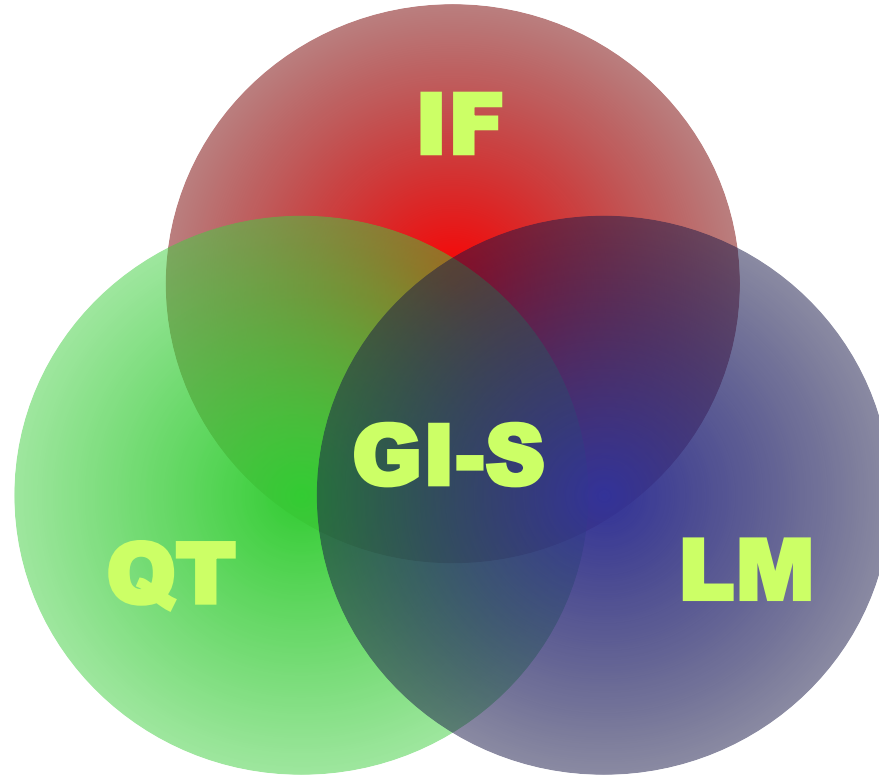
UNIGIS Website Visitors



www3.clustrmaps.com/counter/maps.php?url=http://www.unigis.net

38019 visits from 22 Jan 2013 to 16 May 2014

UNIGIS components of GIScience Education



GI-S - GIScience Student

IF - Institutional Framework

LM - Learning Materials and Media

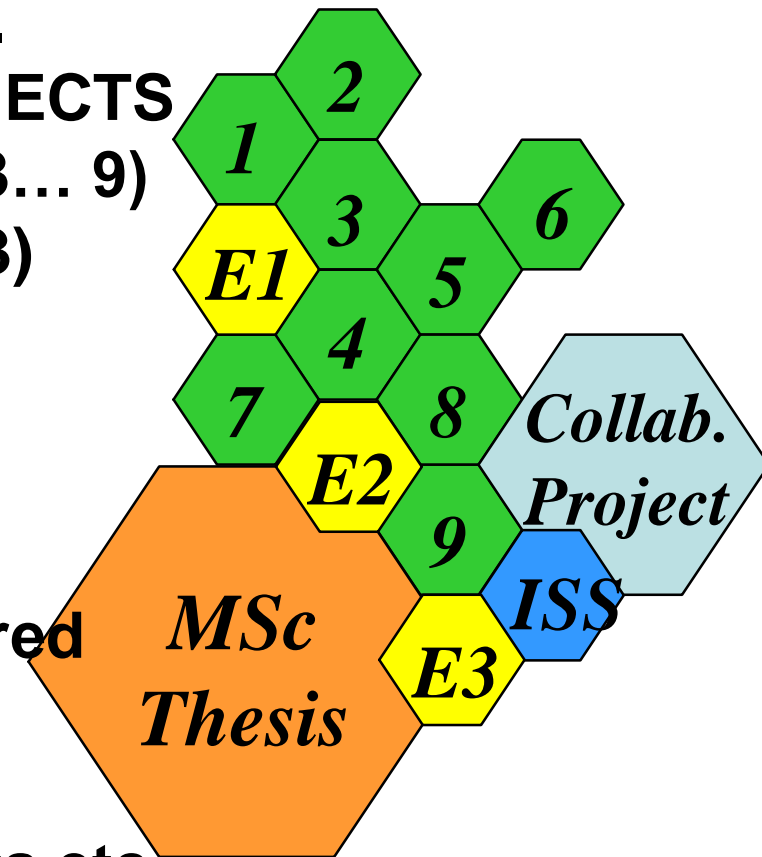
QT - Qualified Teachers)

UNIGIS Courses

- **UNIGIS@Salzburg University, Austria offers 2 fulfilled university level study programmes:**
- **2 Year - MSc in GIScience and systems**
- **1 Year - Professional Diploma**
- **programmes are offered in ENGLISH Language medium**

MSc. GIScience & Systems

- weekly workload of 25+ hours.
 - 120 ECTS points, 1 Module = 6 ECTS
 - 10 compulsory modules (1, 2, 3... 9)
 - 4+ elective modules (E1, E2, E3)
 - Summer Schools (SS)
 - Master Thesis
-
- Elective modules may be covered by doing software training, workshops, summer schools, practical / collaborative projects etc.

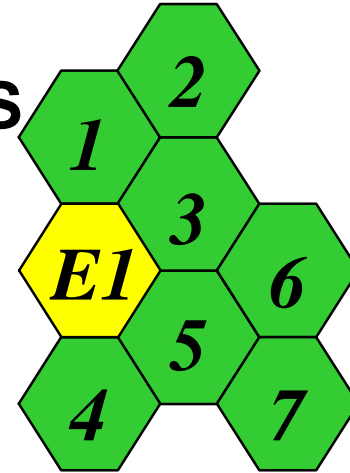


MSc. Curriculum 2009

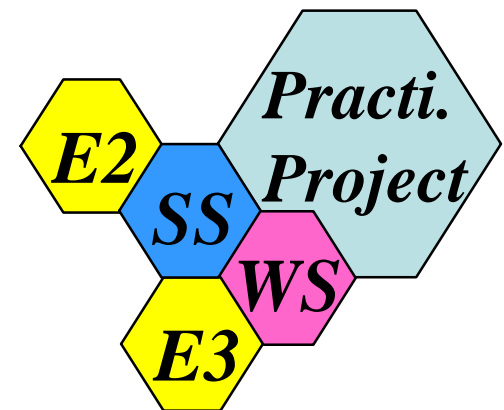
MODULE TITLE	ECTS	Type
GIS Introduction	6	BS
Data Modelling and Data Structures	6	BS
Data Sources and Data Acquisition	6	BS
GIS Organisation and Project Management	6	BS
Geo-DBMS	6	BS
Open GIS and Distributed GI Infrastructures	6	BS
Geographical Analysis	6	BS
Spatial Statistics	6	BS
Visualisation and Cartography	6	BS
Learning Practice and Academic Work	12	BS/PU/PF
Elective Subjects	24	BS/PU
Master Thesis	30	PU
Total ECTS	120	

Professional Diploma

- weekly workload of 25+ hours.
- 60 ECTS points, 1 Module = 6 ECTS
- 7 compulsory modules (1, 2, 3... 7)
- 3+ elective modules (E1, E2, E3)
- Summer Schools (SS)
- Practical Project



- Elective modules may be covered by doing software training, workshops, summer schools, practical / collaborative projects etc.



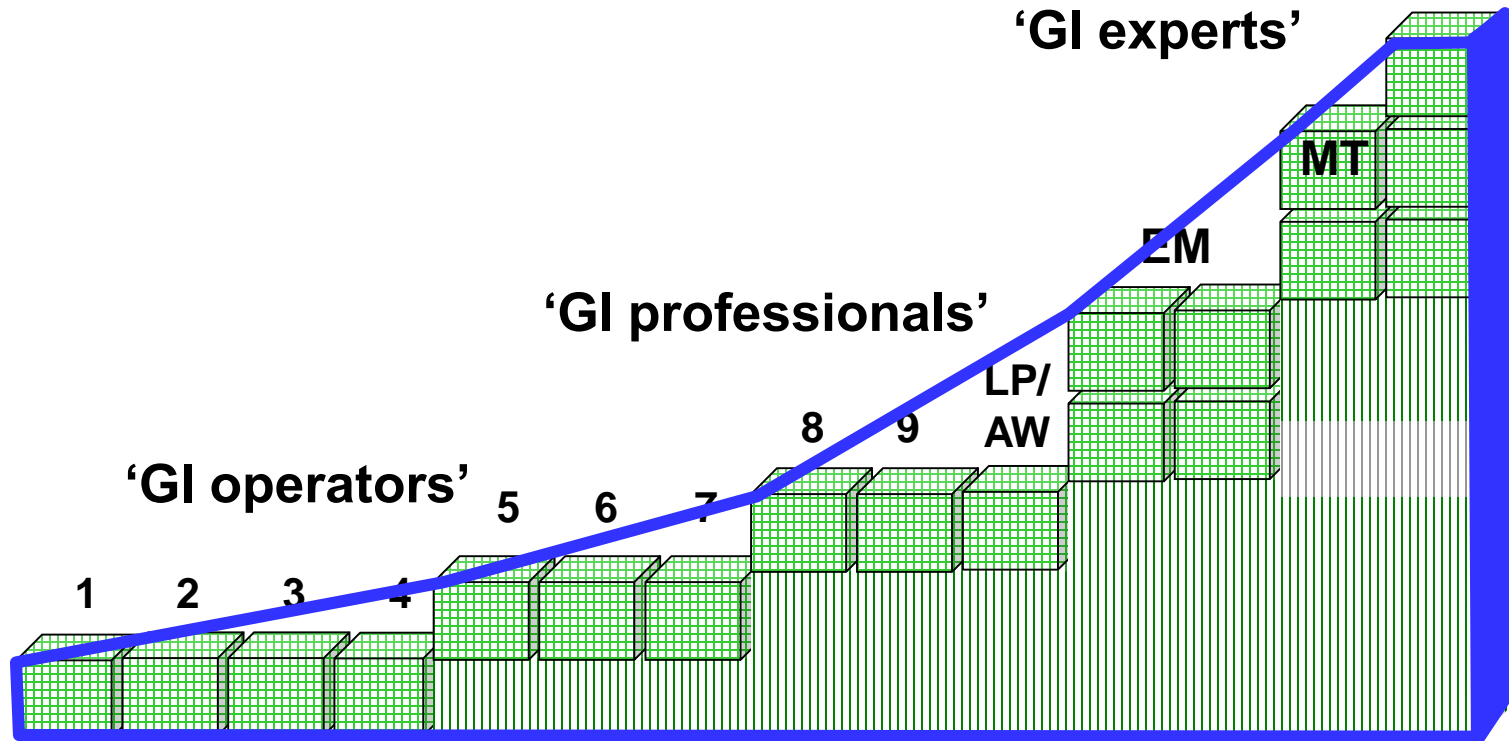
Uprof. Curriculum 2009

MODULE TITLE	ECTS	Type
GIS Introduction	6	BS
Data Modelling and Data Structures	6	BS
Data Sources and Data Acquisition	6	BS
Geo-DBMS	6	BS
Geographical Analysis	6	BS
Application development	6	BS
Visualisation and Cartography	6	BS
Elective Subjects	18	BS/PU
Total ECTS	60	

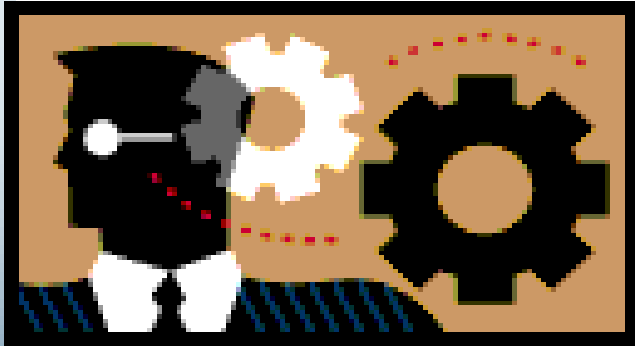
Course Delivery System

- **All the required course materials are integrated in an eLearning Platform i.e. Blackboard**
<https://elearn.sbg.ac.at>
- **Course participants get a Username and Password**
- **A full module (6 ECTS) has duration of 6 Weeks**
- **A full module consists of about 15 lessons**
 - **each lesson has 1 core-concept material**
 - **1-3 Extra readings**
 - **4-6 Self-Assessed EXERCISES (for self-practice)**
 - **4-6 Instructor-Assessed ASSIGNMENTS (for examining and grading)**

GIScience Competence and UNIGIS Courses



Conclusion... is your!



THINK



Z_GIS



**CLIMB UP YOUR
GIS-CAREER**



THANK YOU FOR YOUR ATTENTION

Dr. Shahnawaz

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