

# Study Card

Master Geomatik  
HCU Hamburg

Module-No.	Semester	Teaching staff	Module-coordinator (designated each sem.)
Geo_M103	1	Prof. Dr. rer. nat. Karl-Peter Traub, Dipl.-Ing Harry Wirth (Lehrbeauftragter)	Prof. Dr. rer. nat. K.-P. Traub

Module-name	Subject areas	Duration/sem.	Frequency of offering	Type (C/CE/E)	Emphasis in overall grade / %
Project Management	Hydrography	1 Semester	each WiSe	C	4,16 %

CP (according to ECTS)	Workload / h	Self-study / h.	Contact time / h.	Contact hours / week (SWS)	Type of examination
5CP	150	94	56	4	oral (graded)

Previous knowledge / Conditions for participation (in form and content)

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Educational aims of the module (Learning objectives/results, skills)

Project Management:

Understanding of principles of project planning and project management. Students are enable to implement a goal oriented project planning (GOPP) applying the Metaplan technique.

Quality Management:

Knowledge of aspects of quality management through analysing QM-approches in engineering fields.

Course contents

Project Management:

Planning a project: analysis of problems and objectives, creating a Problem/Objective-Tree, developing a project planning matrix with definition of overall objectives, project-goals and results. Operationalising a project: Planning of activities and evaluation of objectively verifiable indicators.

Quality Management:

Basic principles of QM (according to DIN EN ISO 9000) and guidelines to improve results. Design of a QM-System (QM-Manual, QM-Process instruction and QM-Work instruction). Accreditation, controlling and quality.

Teaching and learning methods

Taught seminars,  
Seminar

Condition for awarding the ECTS-credits

Seminar in Project Management and oral examination in Quality Management

Additional Information

Latest update: 06/2011