

# MSc Geographical Information Management and Applications (GIMA)

Utrecht, Wageningen, Enschede and Delft

CROHO 60732 (Geographical Sciences)

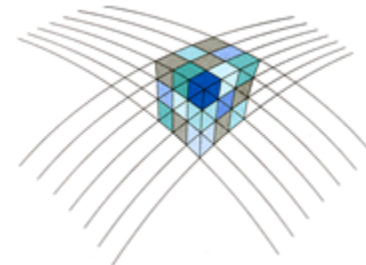
dr.ir. Marjolein Spaans

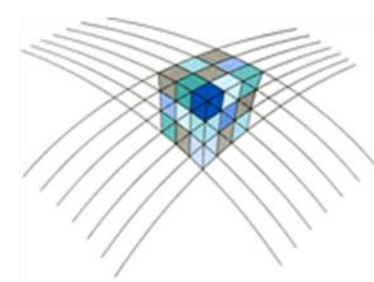
Programme Director

**NCG**

NCG MSc GI Onderwijsbijeenkomst  
17 april 2018, Fugro Leidschendam

Nederlands Centrum voor Geodesie en Geo-informatica (NCG)

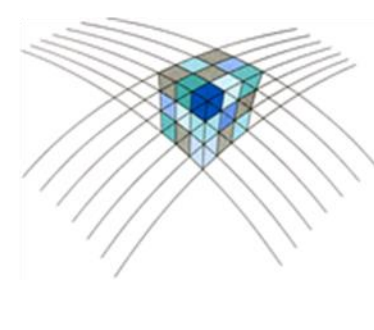




# 0. Eindtermen

The aim of the inter-university MSc-GIMA programme is to educate suitable candidates to become highly skilled and all-round geo-information managers and/or application specialists.

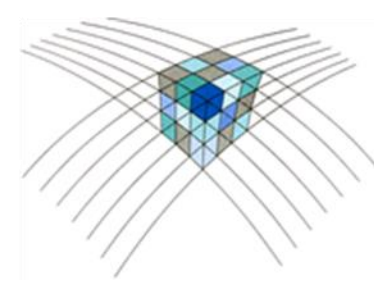
Therefore, the candidates will be introduced into the theoretical, methodological, technological, and organizational principles of working with geographical information (GI), together with the use of GI-technology in spatial applications.



# 1. Structuur opleiding

- Blended learning (contact en afstandsonderwijs)
- Fulltime of part-time
- Samenwerking van 4 universiteiten

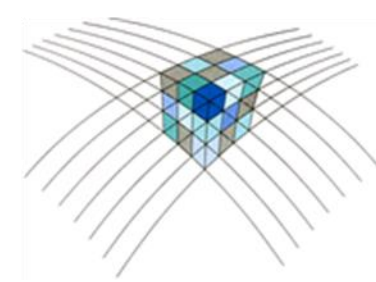
half-time	week 35	week 37-49	week 50-11	week 12-24	full-time
year 1	introduction	<i>module 1</i> methods and techniques	<i>module 2</i> basic applications	<i>module 3</i> management in organisations	year 1
year 2		<i>module 4</i> project management	<i>module 5</i> advanced meth. and techniques	<i>module 6</i> advanced applications	
year 3	MSc - thesis				year 2
year 4	internship				



## 2. Vakken 2017-2018

Course code	Title	ECTS-credits
GEO4-GIMA1	Basic methods and techniques	10
GEO4-GIMA2	Basic applications	10
GEO4-GIMA3	Management in organizations	10
GEO4-GIMA4	Project management	10
GEO4-GIMA5	Advanced methods and techniques	10
GEO4-GIMA6	Advanced applications	10
GEO4-GIMA8	Master thesis GIMA	30
GEO4-GIMA7/	Internship GIMA/	30/
GEO4-GIMA9	Internship GIMA + additional courses	20+10
total		120

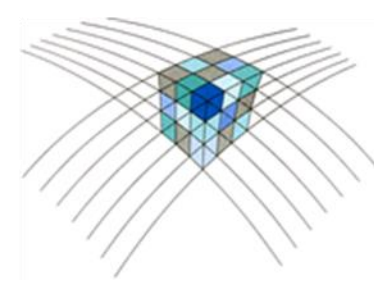
- Modules 1-6 verplicht
- Module 8 (thesis) verplicht
- Indien voldoende GI werkervaring -> essay t.b.v. vrijstelling stage



# 3. Kentallen

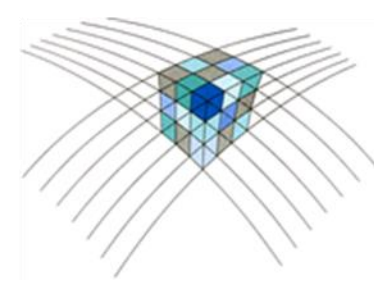
Cohort	Intake	Gender		Mode of study		Former education			
		M (%)	F (%)	PT	FT	WO-UU	WO-NL	HBO	Abroad
2012	16	69	31	1	15	11	15	-	1
2013	25	52	48	1	24	14	17	3	5
2014	19	79	21	2	17	9	16	-	3
2015	37	70	30	1	36	23	31	-	6
2016	40	75	25	2	38	18	33	2	5
2017	49	71	29	2	47	25	44	-	5
TOTAL	186	70%	30%	9 (5%)	177 (95%)	100 (54%)	56 (84%)	5 (3%)	25 (13%)





## 4. Uniek

- Samenwerking van 4 universiteiten op gebied van geo-informatie
  - Keuze binnen modulen voor case, project, thema
- Blended learning: combinatie van contactonderwijs en afstandsonderwijs
- Fulltime (2 jaar) of parttime (4 jaar)
- Geo-informatie
  - Methoden en technieken
  - Management
  - Toepassingen



# 5. Vorige visitatie

## - Vorige visitatie periode 2006-2012

- in cluster met Sociale Geografie en Planologie, site visit okt. 2013
- Qanu rapport (2014):

Standard 1: Intended learning outcomes

satisfactory

Standard 2: Teaching-learning environment

satisfactory

Standard 3: Assessment and achieved learning outcomes

satisfactory

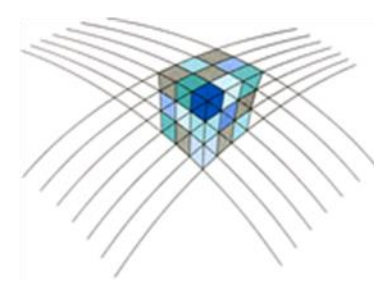
General conclusion

satisfactory

## - Opmerkingen

- quality of teaching staff is adequate but advice to increase percentage of teachers holding a PhD and BKO or SKO
- Programme Committee should adopt a (pro)active, instead of reactive, attitude
- number of 60 assessments might be too much
- rethink and refresh blended learning design taking into consideration recent developments in e-learning and virtual classroom facilities

## - Volgende visitatie 2012-2018 (jan.2019)



## 6. Toekomst

Discussie over:

- meer diversiteit in studentenpopulatie (fulltime/parttime, NLs/internationaal, achtergrond BSc)
- meer keuzevrijheid voor studenten
- nieuwe vormen e-learning (Virtual Classroom, knowledge clips)
- balans individueel/groepswork