



university of  
 groningen

# Research Master Spatial Sciences Specializations

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[www.keuzegids.org](http://www.keuzegids.org)



# Research Master Spatial Sciences

Serious development of research skills (45EC):

year 1 &  
year 2

- Scientific Reading Debating and Reflecting (SRDR 5EC)
  - Keeping a scientific diary and learning from key scientific books

year 1

- Joint Multidisciplinary Research Project (JMRP 5EC)
  - Project for a societal organization with a small group of 3-4 students
- One-to-one Individual research training (IRT 10EC)
  - Doing research together with an FSS staff member on a project of your choice
- Research internship at a research institute (RIRI 10-15EC)
  - For instance at PBL, OECD, WorldBank, CBRE, Deltares, Arcadis

year 2

- Advanced Research Skills (ARS 5EC)
  - Hands-on training in cutting-edge methods by 6 PhD students
- Scientific English Writing (SEW 5EC)
  - Enhancing capabilities via personal feedback
- Research Process and Proposal Writing (RPPW 5EC)
  - Exploring the research process deeply; practice proposal writing

# The Research Master courses

Year 1			
1a	1b	2a	2b
Advanced and Specialized Research Methods (A&SRM) 1	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI) Research Internship at a renowned research institute (RIRI)
Thematic Theoretical Specialization (TTS) 1	Thematic Theoretical Specialization (TTS) 2	Thematic Theoretical Specialization (TTS) 3	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Advanced and Specialized Research Methods (A&SRM) 2	TTS 6 or RIRI+5EC
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Master Thesis	Master Thesis
Scientific English Writing (SEW)	Advanced and Specialized Research Methods (A&SRM) 3	Master Thesis	Master Thesis
Thematic Theoretical Specialization (TTS) 4	Thematic Theoretical Specialization (TTS) 5	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			

TTS = Thematic Theoretical Specialization and A&SRM = Advanced and Specialized Research Methods. The planning is free.



## 2 Research Master Spatial Sciences with 6 FSS specializations for:

1 **Economic Geography**

2 **Economic Geography - Regional Competitiveness & Trade**

3 **Real Estate Studies**

4 **Population Studies**

5 **Society, Sustainability and Planning**

6 **Environmental and Infrastructure Planning**

# Economic Geography as a two-year Research Master Specialization



Year 1			
1a	1b	2a	2b
Advanced and Specialized Research Methods (A&SRM) 1	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI)
Entrepreneurship and Regional Development	Urban and Regional Economics	Regional Labour Market Analysis	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Advanced Statistical Analysis (EG/PS)	Transport Geography: spatial and social dim. of accessibility
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Master Thesis	Master Thesis
Scientific English Writing (SEW)	Advanced and Specialized Research Methods (A&SRM) 3	Master Thesis	Master Thesis
Economic Geography: Theory and Application	Thematic Theoretical Specialization (TTS) 5	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
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# EG Regional Comp.&Trade as a two-year Research Master Specialization

Year 1			
1a	1b	2a	2b
Economic Development	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI)
Entrepreneurship & Regional Development	Advanced and Specialized Research Methods (A&SRM) 2	Economic Geography	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Spatial Econometrics	Transport Geography: spatial and social dim. of accessibility
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Regional Labour Market Analysis*	Master Thesis
Scientific English Writing (SEW)	Urban and Regional Economics	Master Thesis	Master Thesis
Economic Geography: Theory and Application	Advanced and Specialized Research Methods (A&SRM) 3	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			

TTS = Thematic Theoretical Specialization and A&SRM = Advanced and Specialized Research Methods. The planning is free.

\* In consultation with Master coordinators a choice needs to be made about skipping one of the thematic courses

# Real Estate Studies as a two-year Research Master Specialization

Year 1			
1a	1b	2a	2b
Finance for Real Estate (ODV, FEB)	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI)
Real Estate and Land Supply	Real Estate Investment	Real Estate Research (A&SRM 1)	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Advanced and Specialized Research Methods (A&SRM) 2	Real Estate Development
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Master Thesis	Master Thesis
Scientific English Writing (SEW)	International Real Estate Markets	Master Thesis	Master Thesis
Advanced and Specialized Research Methods (A&SRM) 3	Thematic Theoretical Specialization (TTS) 1	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
TTS and A&SRM --> Planning is free			

# Population Studies as a two-year Research Master Specialization

Year 1			
1a	1b	2a	2b
Working with Data in Population Research	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI)
Population, Health and Place	Life Tables and Population Projections	Contemporary Population Issues	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Advanced Statistical Analysis (EG/PS)	Thematic Theoretical Specialization (TTS) 1
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Master Thesis	Master Thesis
Scientific English Writing (SEW)	Migration, Families and Households	Master Thesis	Master Thesis
Advanced and Specialized Research Methods (A&SRM)	Thematic Theoretical Specialization (TTS)	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			

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# Society, Sustainability and Planning as a two-year Research Master Specialization

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Year 1			
1a	1b	2a	2b
Interaction, Society and Space	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI)
Planning Theory (SSP/EIP)	Engaging Society for Spatial Transformation	Advanced and Specialized Research Methods (A&SRM) 1	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Revitalizing Neighbourhoods	Living Lab Sustainable Places
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			
Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Master Thesis	Master Thesis
Scientific English Writing (SEW)	Advanced and Specialized Research Methods (A&SRM) 2	Master Thesis	Master Thesis
City Matters	Advanced and Specialized Research Methods (A&SRM) 3	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			

TTS = Thematic Theoretical Specialization and A&SRM = Advanced and Specialized Research Methods. The planning is free.

# Environment and Infrastructure Planning as a two-year Research Master Specialization

Year 1			
1a	1b	2a	2b
EIP: Interactive workshop	Individual Research Training (IRT)	Individual Research Training (IRT)	Research Internship at a renowned research institute (RIRI)
Dilemmas in Infrastructure Planning	Planning Methods for Smart Governance	Reinventing Environmental Planning	Research Internship at a renowned research institute (RIRI)
Joint Multidisciplinary Research Project (JMRP)		Transitions in Water Management	Advanced and Specialized Research Methods (A&SRM)
Scientific Reading Debating&Reflecting (SRDR)			
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			

Year 2			
1a	1b	2a	2b
Advanced Research Skills (A&SRM 4)	Research Process and Proposal Writing (RPPW)	Master Thesis	Master Thesis
Scientific English Writing (SEW)	Advanced and Specialized Research Methods (A&SRM)	Master Thesis	Master Thesis
Planning Theory (SSP/EIP)	Comparative Research and Planning Practice	Master Thesis	Master Thesis
SRD&R -----> Monthly joint 1st and 2nd year students sessions: books and diaries			

TTS = Thematic Theoretical Specialization and A&SRM = Advanced and Specialized Research Methods. The planning is free.



# Admission to the Research Master:

- You enjoy doing research and like to develop yourself further in doing research (expressed in a motivation letter and one or two letter(s) of reference by a teacher or senior researcher)
- Average score on all courses (last two years) a 7 or higher
- A relatively high score on an earlier research project (e.g. for Dutch students a 7.5 or higher for the Bachelor Thesis)

More info:

Research Master coordinator

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I have no special talents.  
I am only passionately curious.  
*Albert Einstein*



**university of  
 groningen**

**faculty of spatial sciences**

Join the research master if you are passionately curious about people and place.

▶ [rug.nl/frw/rema](http://rug.nl/frw/rema)