Methodology & Statistics

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# Programme overview

## Programme structure (60 EC)

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Five mandatory courses</td>
<td>25 EC</td>
</tr>
<tr>
<td>One elective course</td>
<td>5 EC</td>
</tr>
<tr>
<td>Thesis</td>
<td>20 EC</td>
</tr>
<tr>
<td>Internship</td>
<td>10 EC</td>
</tr>
</tbody>
</table>

## Degree

- MSc in Psychology

## Type of programme

- Full time
- 60 EC
- English spoken

## Starts in

- September (best option !)
- February (not preferred)
Programme outline

* You can also choose to follow an elective course in semester II. We recommend that you choose one of the following electives: fMRI Data and Statistics (semester II); Statistical Mediation and Moderation (semester I). See Prospectus
Programme schedule (September intake)

First semester (September-January)

Block I (September-November)
- Computational Statistics with R (also Block II)
- Regression Modelling

Block II (November-January)
- Computational Statistics with R (partly)
- Statistical Learning and Prediction
- Latent Variable Models
- elective: Statistical Mediation and Moderation

Second semester (February-August)

Block III (February-April)
- Statistical Consulting (partly also in Block IV)
- Internship (till end April)
- elective: fMRI and Data Analysis

Block IV (April-August)
- Statistical Consulting (partly)
- Thesis
Programme schedule (February intake)

First semester (February-August)

Block III (February-April)
• Computational Statistics with R (also Block IV)
• elective: fMRI and Data Analysis

Block IV (April-August)
• Computational Statistics with R (partly)
• Statistical Learning and Prediction
• Internship (only internal with focus on R task)

Second semester (September-January)

Block I (September-November)
• Regression Modeling
• Statistical Consulting (partly also in Block II)
• Thesis (also in Block II)

Block II (November-January)
• Latent Variable Models
• Statistical Consulting (partly)
• elective: Statistical Mediation and Moderation
• Thesis
Mandatory courses

• Computational Statistics with R

• Regression Modelling

• Statistical Learning and Prediction

• Latent Variable Models

• Statistical Consulting (only after obtaining 10EC)

• additional information can be found in the Prospectus

• Mandatory attendance? Differs per course
Electives

List of possible electives

• Block II: Statistical Mediation and Moderation

• Block III: fMRI and Data Analysis

• Wider list of electives: more information can be found in the Prospectus
Internship

• Internal and external projects (10EC)

• Only when you passed enough courses (10EC minimum, ideally 20EC)

• Topic allocation
  - Mid of November: session with all practical information on internship and thesis
  - December: determining top 3 choices and allocation of internship projects

• Length?
  - 280 hours
  - 4 days a week (could be less)
  - about 10 weeks (ideally 3 months)

Enough projects, you can select own project
Thesis

• Internal and external projects (20EC)
• Final part of your master

• Topic allocation
  - Mid of November: session with all practical information on internship and thesis
  - February/March: look for your topic (a list will be available)

• Length?
  - 560 hours
  - 5 days a week (could be less)
  - about 14 weeks (ideally 4 months)

Enough projects, you can select own project
Thesis

- Internship/Thesis abroad
  - register internship or thesis project in uSis via the ‘Study Abroad’ tile.
  - at least two weeks before departure
  - also for students who are going to do their internship in their home country (which is not the Netherlands)
Before the start of the programme

Sign up for courses

• When?
  - Course planning: *June and November*
  - Course enrolment: *July and December*

• Instructions on student website of Leiden University

Be present at the Master’s Kick Off

• When?
  - September start: *August 29, 2024*
  - February start: *January 30, 2025*

• We expect you to attend the kick off. More information will follow via email
We are looking forward to welcoming you at Leiden University!