Appendices to the Teaching and Examination Regulations 2011-2012

Master’s degree programmes Biology, Ecology and Evolution, Marine Biology, Molecular Biology and Biotechnology

Appendix A. Teaching outcomes of the degree programme (art. 1.3)

The graduate:

1A (Biology) has detailed knowledge of one or more of the scientific disciplines within the area of biology

1B (Ecology & Evolution) has detailed knowledge of one or more of the scientific disciplines within the area of Ecology & Evolution with emphasis on evolutionary ecology & genetics, behavioural ecology & ecophysiology, conservation biology, or community ecology

1C (Marine Biology) has detailed knowledge of one or more of the scientific disciplines within the area of marine biology with emphasis on biological oceanography or coastal marine ecology

1D (Molecular Biology & Biotechnology) has detailed knowledge of one or more of the scientific disciplines within the area of of biomolecular sciences, with emphasis on structural biology, biochemistry, molecular and cellular biology, microbiology, biotechnology or bioinformatics

2 is capable of designing and conducting scientific research

3 is capable of independently investigating, and critically evaluating, scientific literature

4 is capable of identifying new developments in the relevant disciplines, and to become familiar with these developments

5 is organised and creative in the approach to scientific research and complex problems

6 can participate in, and contribute to, a multidisciplinary team

7 can effectively communicate acquired knowledge, insights and skills to others, both in writing and in oral presentation

8 is aware of the potential societal and ethical implications of scientific research, and is able to critically reflect on his/her actions in this context
Appendix B. Specializations of the degree programme
(art. 2.2)

1. Within the degree programmes, the student chooses one of the following specializations:
   a. P-profile ("PhD-profile") which provides training as a researcher;
   b. M-profile ("Science, Business and Policy - profile") which prepares for professions in a societal, political and/or commercial context.

2. Within the degree programme Biology students can follow the specialization Behavioural and Neurosciences, which prepares for conducting research in this field of biology.

Within the degree programme Ecology & Evolution qualified students can follow the Top programme Evolutionary Biology, an intensified programme which prepares for conducting top quality research in this field of ecology.

Within the degree programme Ecology & Evolution qualified students can follow the Erasmus Mundus programme Evolutionary Biology, an intensified European programme which prepares for conducting top quality research in this field of ecology. For this programme the Erasmus Mundus Teaching and Examination Regulations will apply.

Within the degree programme Molecular Biology & Biotechnology qualified students can follow the Top programme Biomolecular Sciences, an intensified programme which prepares for conducting top quality research in this field of molecular biology and biotechnology.

Appendix C. Content of the degree programme
(art. 2.3)

The degree programmes consist of either the P- or the M-profile programme:

### P-Profile:

<table>
<thead>
<tr>
<th>module</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>Assessment</th>
<th>practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>research project (RP)*</td>
<td>40 or ≥</td>
<td>-</td>
<td>technical and/or laboratory skills, written report, oral presentation</td>
<td>x</td>
</tr>
<tr>
<td>research project (RP)*</td>
<td>30 or ≥</td>
<td>-</td>
<td>technical and/or laboratory skills, written report, oral presentation</td>
<td>x</td>
</tr>
<tr>
<td>colloquium</td>
<td>5</td>
<td>RP</td>
<td>oral presentation</td>
<td>x</td>
</tr>
</tbody>
</table>
In addition to the above scheme to following rules apply to all programmes:

- The student chooses a mentor - an assistant professor or professor from the list of each Master programme- to advise and discuss the contents of the individual degree programme before approval of the Board of Examiners.

- * the first research project must be performed at the School of Life Sciences (or liaised institutes) under supervision of one of the examiners.

- ** The student may choose to use 5, - 20 ECTS to extend a research project, attend master modules (appendix D), attend bachelor modules (no more than 10 ECTS), or perform a research assignment of 5, 10, 15 or 20 ECTS. During the mid term assessment one may extend the research project with only 5-10 ECTS.

- Research projects, colloquium and essay must deal with different subjects, be supervised by a different examiner, and be approved of by the Board of Examiners.

3. Additional requirements for the specialization Behavioural and Neurosciences (Master Biology)

   Students within the specialization Behavioural and Neurosciences choose their mentor from the list for this specialization.

4. Additional requirements for the Top programme Evolutionary Biology (Master Ecology and Evolution)

4.1 Students within the Top programme Evolutionary Biology have to pass the following Top programme modules*:

   * These modules are challenging both in content and time constraints

   - Adaptation, biocomplexity and conservation; 10 ECTS
   - Theoretical ecology and evolution; 10 ECTS
• Phylogenetics and genomics in ecology; 10 ECTS

4.2 Two seminar series of 2 ECTS each are required. These are chosen from a list of the “current/classic themes” seminar series.

4.3 The essay in this case is a literature study written in the form of a review article or a research proposal.

4.4 The study load of the electives is \( \leq 6 \) ECTS which can be used for modules, research or individual assignments.

5. Additional requirements for the Top programme Biomolecular Sciences (Master Molecular Biology and Biotechnology)

5.1 Students within the Top programme Biomolecular Sciences generally follow the P-profile scheme but have to pass the following Top programme modules*:

* These modules are challenging both in content and time constraints

1. Introduction to membrane proteins and bioinformatics; 2 ECTS
2. Advances in signal transduction; 5 ECTS
3. Advanced genomics and proteomics; 5 ECTS
4. Organelle and membrane biogenesis; 5 ECTS
5. Molecular Dynamics and modeling of Membranes and Proteins; 5 ECTS
6. Protein and Enzyme Engineering by Mutagenesis and Directed Evolution; 5 ECTS
7. Advanced protein crystallography; 5 ECTS

5.2 Literature study written in the form of a research proposal; 5 ECTS.
5.3 The study load of the electives is \( \leq 8 \) ECTS which can be used for modules, research or individual assignments.

6 Students within the degree programme Marine Biology may use the title Marine Scientist of the Netherlands when they have fulfilled the requirements of their programme and passed the module How does the Sea Work organized by the NIOZ Royal Netherlands Institute for Sea Research (Texel) and the NIOO-Centre of Estuarine and Marine Ecology.

Appendix D. Optional modules (art. 2.4) plus Appendix E. Entry requirements and compulsory order of examinations (art. 3.2)
The following list presents optional modules. The column on the right indicates the master programmes for which the modules were developed in particular. B: Biology, BN: specialization Behaviour and Neurosciences in the study programme Biology, EE: Ecology and Evolution, MB: Marine Biology, MBB: Molecular Biology and Biotechnology
### General modules within the school of Life Sciences:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>assessments</th>
<th>practical programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal and human experimentation: Design, Practice and Ethics</td>
<td>5</td>
<td>-</td>
<td>laboratory skills, written report, oral presentation</td>
<td>x B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Orientation on International Scientific Careers</td>
<td>5</td>
<td>-</td>
<td>laboratory skills, written report, oral presentation</td>
<td>x B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Radioisotopes in experimental biology</td>
<td>5</td>
<td>-</td>
<td>laboratory skills, written exam</td>
<td>x B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Advanced statistics</td>
<td>5</td>
<td>Biostatistiek</td>
<td>written exam</td>
<td>x B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Programming C++ for biologists</td>
<td>5</td>
<td>-</td>
<td>assignment</td>
<td>x B, BN, EE, MB, MBB</td>
</tr>
</tbody>
</table>

### Modules organised by the research institutes BCN and GUIDE:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>assessments</th>
<th>practical programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced imaging techniques</td>
<td>5</td>
<td>-</td>
<td>written exam, oral presentation</td>
<td>x B, BN, MBB</td>
</tr>
<tr>
<td>Neurodegenerative diseases</td>
<td>5</td>
<td>Integratieve Neurobiologie</td>
<td>written exam, oral presentation</td>
<td>x B, BN</td>
</tr>
<tr>
<td>Behavioural pharmacology</td>
<td>5</td>
<td>-</td>
<td>written exam, oral presentation</td>
<td>x B, BN</td>
</tr>
<tr>
<td>Introduction to the Behavioural and Cognitive Neurosciences</td>
<td>4</td>
<td>-</td>
<td>written reports</td>
<td>x B, BN</td>
</tr>
<tr>
<td>Current themes in inflammation and cancer</td>
<td>5</td>
<td>ImmunologieI</td>
<td>written exam, oral presentation</td>
<td>x B, BN, MBB</td>
</tr>
<tr>
<td>Advanced metabolism &amp; nutrition</td>
<td>5</td>
<td>Metabolisme &amp; Voeding</td>
<td>written exam, assignment</td>
<td>x B, BN</td>
</tr>
<tr>
<td>Nutrigenomics research</td>
<td>5</td>
<td>Metabolisme &amp; Voeding</td>
<td>written exam, assignment</td>
<td>x B, MBB</td>
</tr>
<tr>
<td>Current themes in healthy aging</td>
<td>5</td>
<td>-</td>
<td>written reports, oral presentation</td>
<td>x B, BN, MBB</td>
</tr>
<tr>
<td>Stem cells &amp; regenerative medicine</td>
<td>5</td>
<td>Regenerative Medicine or MB&amp;MB, or ImmunologieI</td>
<td>oral presentation, written report</td>
<td>x B, MBB</td>
</tr>
<tr>
<td>Immunology: from bed side to bench and back (w.t.)</td>
<td>5</td>
<td>Immunologie I+II</td>
<td>written exam, oral presentation, report</td>
<td>x B</td>
</tr>
</tbody>
</table>
### Modules organised by the research institute CEES:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>assessments</th>
<th>practical</th>
<th>programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current themes seminar series</td>
<td>2</td>
<td></td>
<td>assignments</td>
<td>x</td>
<td>B, EE, MB</td>
</tr>
<tr>
<td>Groningen lectures in theoretical biology</td>
<td>2-6</td>
<td></td>
<td>written report</td>
<td></td>
<td>B, BN, EE, MB</td>
</tr>
<tr>
<td>CEES lectures</td>
<td>2</td>
<td></td>
<td>participation</td>
<td></td>
<td>B, EE, MB</td>
</tr>
<tr>
<td>Mathematical models in ecology and evolution</td>
<td>6</td>
<td>Biomathematica</td>
<td>written exam</td>
<td></td>
<td>B, BN, EE, MB</td>
</tr>
<tr>
<td>Selforganisation, cognition and Social Systems</td>
<td>5</td>
<td></td>
<td>assignments</td>
<td>x</td>
<td>B, EE, MB,</td>
</tr>
<tr>
<td>Ecosystems Mediterranean rocky shores</td>
<td>10</td>
<td>Biological oceanography + Marine Biology (&amp; ecology)</td>
<td>assignments</td>
<td>x</td>
<td>MB</td>
</tr>
<tr>
<td>The function of Marine Biodiversity</td>
<td>5</td>
<td>Bachelor Biology, major B, EE or MB</td>
<td>assignments</td>
<td>x</td>
<td>B, EE, MB</td>
</tr>
<tr>
<td>Polar Ecosystems</td>
<td>8</td>
<td>Students admitted in B, MB or EE</td>
<td>assignments</td>
<td>x</td>
<td>B, EE, MB</td>
</tr>
</tbody>
</table>

### Modules organised by the research institute GBB:

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>assessments</th>
<th>practical</th>
<th>programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced protein crystallography</td>
<td>5</td>
<td>For students Biomolecular Sciences</td>
<td>Written exam, oral presentation</td>
<td>x</td>
<td>B, MBB</td>
</tr>
<tr>
<td>Protein crystallography 2</td>
<td>5</td>
<td>Advanced protein crystallography</td>
<td>Written exam</td>
<td>x</td>
<td>B, MBB</td>
</tr>
<tr>
<td>Multidimensional NMR 1</td>
<td>5</td>
<td>Biochimie en Biofysische Chemie</td>
<td>Assignments, oral presentation</td>
<td>x</td>
<td>B, MBB</td>
</tr>
<tr>
<td>Multidimensional NMR 2</td>
<td>5</td>
<td>MDNMR 1</td>
<td>Written exam, oral presentation</td>
<td>x</td>
<td>B, MBB</td>
</tr>
<tr>
<td>Electron microscopy of biological macromolecules</td>
<td>5</td>
<td></td>
<td>Written exam, oral presentation</td>
<td>x</td>
<td>B, MBB</td>
</tr>
<tr>
<td>DNA microarray analysis</td>
<td>5</td>
<td>Microbiology &amp; Genetica research or equivalent</td>
<td>Written exam, oral presentation</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
</tbody>
</table>
Introduction to membrane proteins and Bioinformatics

For students Biomolecular Sciences

Written exam, oral presentation

x

B, MBB

Advances in signal transduction

For students Biomolecular Sciences

Written exam, oral presentation

x

B, MBB

Advanced genomics and proteomics

For students Biomolecular Sciences

Written exam, oral presentation

x

B, MBB

Organelle and membrane biogenesis

For students Biomolecular Sciences

Written exam, oral presentation

x

B, MBB

Molecular Dynamics and modeling of Membranes and Proteins

For students Biomolecular Sciences

Written exam, oral presentation

x

B, MBB

Protein and Enzyme Engineering by Mutagenesis and Directed Evolution

For students Biomolecular Sciences

Written exam, oral presentation

x

B, MBB

Biocatalysis & Green Chemistry

Bio-organische Chemie

Written exam, assignments

B, MBB

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**Modules organised by Science & Society**

<table>
<thead>
<tr>
<th>Module</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>examination</th>
<th>practical programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beleid &amp; Bedrijf</td>
<td>10, 20</td>
<td>- assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Stagtraject bedrijf en beleid</td>
<td>40</td>
<td>Beleid &amp; Bedrijf</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
</tbody>
</table>

---

**Electives organised by Energy and Environmental sciences**

<table>
<thead>
<tr>
<th>Elective</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>examination</th>
<th>practical programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction energy and environmental studies I#</td>
<td>5</td>
<td>- assignments</td>
<td>x</td>
<td>B, EE, MB</td>
</tr>
<tr>
<td>Resources and sustainable development</td>
<td>15</td>
<td>- assignments</td>
<td>x</td>
<td>B, EE, MB</td>
</tr>
<tr>
<td>Duurzame planeet (bachelor level, alternative for#)</td>
<td>5</td>
<td>- Written exam</td>
<td>x</td>
<td>B, EE, MB</td>
</tr>
</tbody>
</table>

* This course cannot be followed separately from 'Resources and sustainable development', see alternative
Electives organised by Education and Communication:

<table>
<thead>
<tr>
<th>Elective</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>examination</th>
<th>practical</th>
<th>programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communiceren en presenteren</td>
<td>5</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Ontwerpen</td>
<td>10</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Wetenschap in beeld</td>
<td>5</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Wetenschapsvoorstelling en -journalistiek</td>
<td>5</td>
<td>Communiceren &amp; Presenteren</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Inleiding onderzoekmethoden</td>
<td>5</td>
<td>Communiceren &amp; Presenteren and Research Project</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Achtergronden bèta-onderzoek</td>
<td>10</td>
<td>Communiceren &amp; Presenteren and Research Project</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
</tbody>
</table>

Electives organised by The Donald Smits Center for Information Technology:

<table>
<thead>
<tr>
<th>Elective (max 2 ects per individual programme^)</th>
<th>Half day unit</th>
<th>entry requirements</th>
<th>examination</th>
<th>practical</th>
<th>programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access basic</td>
<td>5</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Excel basic</td>
<td>5</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Excel data bases en draaitabellen(^a)</td>
<td>1</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
<tr>
<td>Internet Publishing met FrontPage</td>
<td>3</td>
<td>-</td>
<td>assignments</td>
<td>x</td>
<td>B, BN, EE, MB, MBB</td>
</tr>
</tbody>
</table>

*For entry requirements see module description in Ocasys
\(^a\) These modules are instructed in Dutch
^ A minimum of 5 half day units is required for a study load of 1 ECTS, for 2 ECTS 11 units are needed.

Electives organised by Chemistry:

<table>
<thead>
<tr>
<th>Elective</th>
<th>ECTS</th>
<th>entry requirements</th>
<th>examination</th>
<th>practical</th>
<th>programme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modern laser microscopy</td>
<td>5</td>
<td>-</td>
<td>Oral discussion</td>
<td>x</td>
<td>B, MBB</td>
</tr>
<tr>
<td>Biomolecular Chemistry</td>
<td>5</td>
<td>-</td>
<td>Written exam</td>
<td></td>
<td>B, MBB</td>
</tr>
</tbody>
</table>
Appendix F. Admission to the degree programme and different specializations (art. 4.1.1 + art. 4.2)

Requirements for admission to the master’s degree in Biology
Holders of a Bachelor’s degree in Biology from the University of Groningen are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Biology on that basis.
Holders of a Bachelor’s degree in Life Science & Technology with the major Gedrag & Neurowetenschappen from the University of Groningen will be admitted to the specialization programme Behavioural and Neurosciences within this master’s degree programme in Biology.

1. Requirements for admission to the master’s degree in Ecology and Evolution
Holders of a Bachelor’s degree in Biology from the University of Groningen with the specialization Ecologie or Mariene Biologie are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Ecology & Evolution on that basis.
Holders of a Bachelor’s degree in Biology from the University of Groningen with the major Ecologie & Evolutie or Mariene Biologie are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Ecology & Evolution on that basis.

2. Requirements for admission to the master’s degree in Marine Biology
Holders of a Bachelor’s degree in Biology from the University of Groningen with the specialization Mariene Biologie, or the specialization Ecologie plus the modules Oceanografie and Mariene Biologie 1, are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Marine Biology on that basis.
Holders of a Bachelor’s degree in Biology from the University of Groningen with the major Mariene Biologie or the major Ecologie & Evolutie plus the modules Biologische oceanografie and Mariene biologie (& ecologie) are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Marine Biology on that basis.

3. Requirements for admission to the master’s degree in Molecular Biology and Biotechnology
- Holders of a Bachelor’s degree in Biology from the University of Groningen with the specialization Moleculaire Biologie or Biotechnologie, specialization Medische biologie plus the modules Algemene chemie and Bioinformatica are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Molecular Biology & Biotechnology on that basis. Holders of a Bachelor’s degree in Biology or a Bachelor’s degree in Life Science & Technology from the University of Groningen with the major Moleculaire Levenswetenschappen, major Biomedische wetenschappen or the combination of the major Gedrag en Neurowetenschappen and the minor Moleculaire Levenswetenschappen, are considered to have sufficient knowledge and skills and will be admitted to the Master’s degree programme in Molecular Biology and Biotechnology on that basis.
- Holders of a Bachelor’s degree in Chemistry with specialization Biochemistry or Biophysical Chemistry or the major Chemistry of Life are admitted to this master’s programme.
- Holders of the Bachelor’s degree in Life Science and Technology, specialization Genomics and Proteomics or Molecular Medical Cell biology are admitted into this master’s programme.
4. Admission requirements to specializations and Top programmes
In addition to the provisions in 4, the following admission requirements apply to the specialization or Top programmes:

1. Master Biology, specialization Behavioural and Neurosciences: a Bachelor’s degree in Biology of the University of Groningen, specialization Gedrags en Neurowetenschappen. A Bachelor’s degree in Biology or a Bachelor’s degree in Life Science& Technology of the University of Groningen with major Gedrag en Neurowetenschappen.

2. Master Ecology and Evolution, Top programme Evolutionary Biology: a relevant Bachelor’s degree and an individual selection procedure (see below). Excellent MSc students from Ecology & Evolution and Marine Biology may apply during their first year for the Top Programme Evolutionary Biology.

3. Master Molecular Biology and Biotechnology, Top programme Biomolecular Sciences: a relevant Bachelor’s degree and an individual selection procedure (see below). Excellent MSc students from Molecular Biology & Biotechnology may apply during their first year for the Top Programme Biomolecular Sciences.

6. Applications procedure for a Top programme (art. 4.2)

1. Students in possession of an admission permit can be admitted to the top programme.

2. Students who meet the requirements are provided with an admission permit by the Admission Board.

3. An admission permit is only valid for the academic year following the academic year in which the permit is granted.

4. There may be other conditions attached to the admission permit. The requirements must be met before the top programme has started.

5. The admission requirements comprise:
   • a relevant bachelor’s degree;
   • sufficient knowledge of the English language;
   • sufficient knowledge of the relevant sciences;
   • a suitable attitude, motivation and talent to follow the Top programme.

6. The Board of Examiners establishes an Admissions Board that judges the student’s fulfilment of the requirements. This Board consists of three members of the top programme’s Board of Examiners, completed by a university employee. One of the members is appointed as chairperson.

7. The decisions of the Admissions Board can be appealed to at the Board of Appeal for Examinations.

8. Students apply to the admission procedure by sending in the following documents:
   • a completed application form;
   • a complete curriculum vitae;
   • a survey of the study results attained in academic courses so far;
   • a letter in which the student states why s/he wants to follow this top programme in particular, what his/her expectations and ambitions are;
   • (if desired) results of former research projects, like reports or articles;
   • the names of three scientists willing to provide personal information on the applicant;
(if desired) other documents that the student thinks useful in furthering his/her application.

These documents are to be sent to the Faculty of Mathematics and Natural Sciences before the deadline (see appendix G).

9. Proficiency in English is an admission requirement for most master’s programmes. You will need to submit proof of proficiency of English as part of the admission process.

Exemptions
This requirement does not apply if you:

• are a native speaker and completed secondary education in any one of the following countries: Canada, USA, UK, Ireland, New Zealand, Australia
• have completed your bachelor education in any one of the following countries: Canada, USA, UK, Ireland, New Zealand, Australia
• have an International Baccalaureate
• have a European Baccalaureate diploma

Accepted test
• The International English Language Testing System (IELTS). Minimum score: 6.5 and all sections should be at least 6.0.
• The Test of English as a Foreign Language (TOEFL). Minimum total score: 580 and minimum section score 56 (paper-based) / 237 – 22 minimum section score (computer-based) / 92 and 21 minimum section score (Internet-based) for most master’s programmes.
• Cambridge Certificate of Proficiency in English

Important notes
• The certificates need to be recent: not older than 2 years.
• The modality required is “academic”.
• We do not accept institutional scores, with the exception as mentioned below.
• Chinese Students need to submit an IELTS or a TOEFL iBT test.

From 1 September 2008, Chinese students will be eligible to apply to study in Holland using a TOEFL score, confirmed by Neso China. Chinese students need to apply for the Neso certificate, which is an obligatory document for the study visa. Students can apply for the certificate at the same time as applying to the university.

• ONLY Indonesian applications are permitted to submit an Institutional TOEFL score, under the following conditions:
  1. The application for admission to our study programmes have been sent to us by NESO Jakarta and includes the statement of Neso Jakarta on the procedures of the ITP TOEFL test organised by Neso Jakarta, TOEFL and the Indonesian International Education Foundation.
  2. The minimum score for TOEFL is: 580 (paper-based) / 237 (computer-based) / 92 (Internet-based).
  3. The ITP TOEFL score must be an equivalent of the official TOEFL scores as mentioned under condition 3.

10. The applicants will be informed in writing about the decision on their admission within 3 weeks after the deadline for submission. This may be a tentative decision, conditional on further information to be supplied by the candidate.