neu760 - Scientific English

Module label: Scientific English
Module code: neu760
Credit points: 6.0 KP
Workload: 180 h

(0.5 SWS Lecture (VO) Total workload 23h: 8h contact / 15h research for term paper 3,5 SWS
Supervised exercise (UE) Total workload 158h: 46h contact / 46h preparation of texts and
presentations / 66h term paper)

Used in course of study:
- Master's Programme Biology > Skills Modules
- Master's Programme Neuroscience > Skills Modules

Contact person:
Module responsibility:
- Jannis Hildebrandt

Authorized examiners:
- Jannis Hildebrandt

Entry requirements:
non-native speakers
+ Neurosci. knowlg.
++ Social skills
++ Data present./disc.
++ Scientific English

Skills to be acquired in this module:

Upon completion of this course, students

have increased their proficiency in different forms of scientific presentation and

communication in English, with special emphasis on neuroscience

are able to express themselves with correct sentence structure and grammar, correct use of

idioms and correct pronunciation

are proficient in different contexts of scientific communication (e.g., paper, poster and informal

exchange by email or phone)

are able to recognize and avoid common errors of non-native speakers.

Module contents:
Lectures cover:

- characteristics of the different forms of scientific presentations
- sentence structure using the passive voice
- scientific vocabulary and terminology as contrasted to common speech
- appropriate language for communication with scientific editors and referees

Students read neuroscience texts of an advanced level and practice explaining and presenting
these in both written and oral form. They also practice different contexts of scientific
communication (e.g., paper, poster and informal exchange by email or phone). Emphasis is
placed on individual problems in pronunciation and language use errors.

Reader's advisory:
http://users.wpi.edu/~nab/sci_eng/ScientificEnglish.pdf

Links:
Language of instruction: English
Duration (semesters): 1 Semester
Module frequency: annually, semester break
Module capacity: 12
Reference text:
Usually held in the break before summer term

Additional teachers in the module: outsourced to STELS-OL (Scientific and Technical English
Language Service, Oldenburg); native English speaker with in-depth neuroscience knowledge
Modullevel: ---
Modulart: je nach Studiengang Pflicht oder Wahlpflicht
Lern-/Lehrform / Type of program: English level B2 according to Common European Framework of Reference for Languages (CEFR)
Vorkenntnisse / Previous knowledge:

<table>
<thead>
<tr>
<th>Examination</th>
<th>Time of examination</th>
<th>Type of examination</th>
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<tbody>
<tr>
<td>Final exam of module</td>
<td>within 2 months of completing the course</td>
<td>Portfolio: 50% presentation, 50% assignment; bonus for active participation</td>
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<thead>
<tr>
<th>Course type</th>
<th>Comment</th>
<th>SWS</th>
<th>Frequency</th>
<th>Workload attendance</th>
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</thead>
<tbody>
<tr>
<td>Lecture</td>
<td></td>
<td>1.00</td>
<td>WiSe</td>
<td>14 h</td>
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<tr>
<td>Exercises</td>
<td></td>
<td>3.00</td>
<td>WiSe</td>
<td>42 h</td>
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Total time of attendance for the module: 56 h