**Module title**  
Spacecraft Environment Interactions

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>10-I=SEI-122-m01</th>
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**Module coordinator**  
Swedish partner university in Master's degree programme Space Science and Technology

**Module offered by**  
Institute of Computer Science

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tbody>
<tr>
<td>7.50</td>
<td>numerical grade</td>
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<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
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**Contents**

This course covers the area spacecraft environment interaction. It is part of the international SpaceMaster and is taught at the Swedish partner university.

**Intended learning outcomes**

The students master optical and radar-based observations.

**Courses** (type, number of weekly contact hours, language — if other than German)

V + P (no information on SWS (weekly contact hours) and course language available)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 to 90 minutes)  
Language of assessment: English

**Allocation of places**  
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**Additional information**  
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master’s degree (1 major) Space Science and Technology (2012)