

Planetology
- **COURSE SYLLABUS**

1.	Course title: <i>Planetology</i>		
2.	Lecturer: <i>Hans Rickman</i>		
3.	Field, type and level of studies, year of study: <i>astrophysics, dynamics, all years of study</i>		
4.	Course character: <i>specialized lecture</i>		
5.	Teaching method: <i>on-line</i>		
6.	Language: <i>English</i>		
7.	Course type and number of hours: <i>lecture, practice, 20h</i>		
8.	Estimated load of student's independent work: <i>30h</i>		
9.	Total workload and number of ECTS points: <i>48h , 2 ECTS</i>		
10.	Short description and main focus of the course: <i>The course aims to provide basic knowledge of the current understanding of our solar system and exoplanet systems. The main focus is on issues of origin and evolution.</i>		
11.	References: <i>Compendia, review and research papers</i>		
12.	Prerequisites: <i>Basic knowldge of mathematics and physics</i>		
13.	<table border="1"> <tr> <td>Educational outcomes: <i>Knowledge: Basic knowledge of most aspects of solar system physics and exoplanets, and current concepts of theory and observational development</i></td> <td><u>PQF level 8 codes:</u> <i>P8S_WG</i></td> </tr> </table>	Educational outcomes: <i>Knowledge: Basic knowledge of most aspects of solar system physics and exoplanets, and current concepts of theory and observational development</i>	<u>PQF level 8 codes:</u> <i>P8S_WG</i>
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	<p>Practical Skills: <i>The understanding of the current status and history of research in a given scientific field, and the communication of this knowledge to an educated audience.</i></p>	P8S_UK
	<p>Social Skills: <i>Acquiring basic knowledge of how to conduct and publish research in planetology today.</i></p>	P8S_KK
14.	<p>Evaluation of the educational outcomes:</p> <p><i>essay, oral exam</i></p>	
15.	<p>Criteria to complete the course:</p> <p><i>at least 80% attendance, timely delivery of essay</i></p>	
16.	<p>Contact with the lecturer:</p> <p><i>e-mail: Hans.rickman@physics.uu.se</i></p>	