

Modules:

physics70a **Elective Advanced Lectures: Experimental Physics**

physics70b **Elective Advanced Lectures: Applied Physics**

physics70c **Elective Advanced Lectures: Theoretical Physics**

Course:

Internships in the Research Groups

Course No.: physics799

Category	Type	Language	Teaching hours	CP	Semester
Elective	Research Internship	English		4	WT/ST

Requirements for Participation:

Students are asked to contact one of the BCGS lecturers prior to the start of their internship. Lecturers provide help if needed to find a suitable research group and topic. Not all groups may have internships available at all times, thus participation may be limited.

Preparation:

A specialization lecture from the research field in question or equivalent preparation.

Form of Testing and Examination:

A written report or, alternatively, a presentation in a meeting of the research group.

Length of Course:

4-6 weeks

Aims of the Course:

Students conduct their own small research project as a part-time member of one of the research groups in Bonn. The students learn methods of scientific research and apply them to their project.

Contents of the Course:

One of the following possible items:

- setting up a small experiment,
- analyzing data from an existing experiment,
- simulating experimental situations,
- numerical or analytical calculations in a theory group.

Recommended Literature:

provided by the supervisor within the research group.