

**Modules:**

physics700 **Elective Advanced Lectures**  
 physics730 **Theoretical Physics**

**Course:**

## Advanced Topics in Quantum Field Theory (T)

**Course No.:** physics765

Category	Type	Language	Teaching hours	CP	Semester
Elective	Lecture with exercises	English	3+2	7	ST

**Requirements:**

Prerequisite knowledge of Quantum Field Theory

**Preparation:**

Quantum Field Theory (physics755)

Advanced Theoretical Physics (physics607) / Advanced Quantum Field Theory (physics7501)

**Form of Testing and Examination:**

active participation in exercises, oral or written examination

**Length of Course:**

1 semester

**Aims of the Course:**

Covers advanced topics in Quantum Field Theory that are relevant for current developments in the field.

**Contents of the Course:**

TBA

**Recommended Literature:**

Selected articles on arXiv.org [hep-th]

TBA