

# COURSE DETAIL

## ADVANCED TOPICS IN ELECTRODYNAMICS

**Country**

Iceland

**Host Institution**

University of Iceland

**Program(s)**

University of Iceland

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

164

**UCEAP Course Suffix****UCEAP Official Title**

ADVANCED TOPICS IN ELECTRODYNAMICS

**UCEAP Transcript Title**

ADV ELECTRODYNAMICS

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This course provides a comprehensive introduction to advanced and modern topics in Electrodynamics aimed at undergraduate and master's students. The course assumes familiarity with Newtonian mechanics, but the main concepts of special relativity and vector calculus are covered initially.

## Language(s) of Instruction

English

## Host Institution Course Number

EDL102M

## Host Institution Course Title

ADVANCED TOPICS IN ELECTRODYNAMICS

## Host Institution Campus

## Host Institution Faculty

Faculty of Physical Sciences/Engineering and Natural Sciences

## Host Institution Degree

## Host Institution Department

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