TIA161  Digital Innovation in Sports, 7.5 credits
Digital innovation i sport, 7,5 högskolepoäng
Second Cycle

Confirmation
This course syllabus was confirmed by Department of Applied Information Technology on 2021-10-12 to be valid from 2022-01-17, spring semester of 2022.

Field of education: Science 100%
Department: Department of Applied Information Technology

Position in the educational system
The course is given as a freestanding course.

Main field of studies       Specialization
Informatics                A1N, Second cycle, has only first-cycle course/s as entry requirements

Entry requirements
Bachelor's degree (180 credits). Applicants must prove their knowledge of English: English 6/English B from Swedish Upper Secondary School or the equivalent level of an internationally recognized test, for example TOEFL, IELTS.

Learning outcomes
On successful completion of the course the student will be able to:

Knowledge and understanding
• (1) discuss digitalisation in sports, based on central concepts in the field;
• (2) outline how digital technology effects traditional sports and athletics;
Competence and skills
• (3) systematically investigate digital innovation in specific sports;

Judgement and approach
• (4) reflect on how different sports have met with technological developments and changes in how technology is used;
• (5) analyse how digitalisation in sports develop and challenge the existing conditions.

Course content
The course consists of two parts:

Sub-courses
1. **Basic Theories and Concepts** *(Grundläggande teorier och begrepp)*, 3 credits
   Grading scale: Pass (G) and Fail (U)
   In the first part of the course the student will get an overview of concepts that help explain digitalisation and concepts to describe sports and athletics. In this part we will also address how digitalisation relates to equality and sustainability. Students will be exposed to a number of concepts in lectures, readings and discussions. The examination is based on the students ability to understand the concepts.

2. **Industry Analysis** *(Branschanalys)*, 4.5 credits
   Grading scale: Pass (G) and Fail (U)
   In the second part of the course, students will conduct an analysis of a specific sport with a focus on digitalisation. This part will be carried out as a group assignment. In the examination students will be expected to be able to describe historical developments, explain the current situation, and reflect on possible future developments, in a specific sport. The analysis shall be based on the concepts that are introduced in the first part of the course.

Form of teaching
The course is given as an online course, with lectures, seminars and supervision online. The course has a flexible design and students are able to follow the course either synchronously or asynchronously.

*Language of instruction: English*
**Assessment**

The first part of the course is examined through a digital exam that is connected to learning outcomes 1 and 5.

The second part of the course is examined through a written assignment as well as an oral presentation. This part of the examination is connected to the learning outcomes 2, 3 and 4.

A student who has taken two exams in a course or part of a course without obtaining a pass grade is entitled to the nomination of another examiner. The student needs to contact the department for a new examiner, preferably in writing, and this should be approved by the department unless there are special reasons to the contrary (Chapter 6 Section 22 of the Higher Education Ordinance).

If a student has received a recommendation from the University of Gothenburg for special educational support, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources are required, the examiner may decide to allow the student to sit an adjusted exam or alternative form of assessment.

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, but no more than two years, after the course has ceased/been changed. The same applies to placements and professional placements (VFU), although this is restricted to just one additional examination session.

**Grades**

The grading scale comprises: Pass (G) and Fail (U).

In order to receive a pass grade for the whole course, the student must get a pass grade for each part of the examination.

**Course evaluation**

An anonymous course evaluation will be carried out at the end of the course.

The results of and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.