

# Artificial Intelligence with Speech and Multimodal Interaction

Heriot-Watt University

## Venues

Edinburgh Campus

## Content

This course aims to impart the understanding and skills to develop intelligence software applications, such as those involving evolutionary computation and learning, but with a specialist emphasis on developing interactive multimodal and spoken interface.

Core Courses: Conversational Agents and Spoken Language Processing; Data Mining and Machine Learning; Research Methods and Project Planning; Statistical Modelling and Analysis; Masters project and dissertation

Optional Courses: 3D Graphics and Animation; Advanced Interaction Design; Artificial Intelligence and Intelligent Agents; Big Data Management; Biologically Inspired Computation; Computer Games Programming; Data Visualisation and Analytics; Distributed and Parallel Technologies; Industrial Programming.

You can exit at the end of 9 months with PgDip Artificial Intelligence with Speech and Multimodal Interaction.

## Start Date

September

## Qualification

Postgraduate Master's

## Study Method

Full time

## Award Title

MSc

## Course Length

12 months

## Faculty

School of Mathematical and Computer Sciences

## Department

Computer Science

## Entry Requirements

A good Honours degree with a substantial component of computing or IT.

Candidates holding less than a good honours degree, or its equivalent, but with compensating qualifications or experience may be admitted to the Postgraduate Diploma programme. Transfer to the MSc will be possible later on if exam and course work are at MSc level.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Edinburgh  
EH14 4AS

## Website

www.hw.ac.uk