

# <Master in Software Engineering>

```
var check = function() {  
  //is the element hidden?  
  if (!t.is(':visible')) {  
    //is the element visible?  
    if (t.is(':visible')) {  
      //trigger the custom event when appropriate  
      t.trigger('appear', settings.data);  
    }  
  }  
};  
  
//it scrolled out of view  
t.appeared = false;  
  
//create a modified fn with some additional logic  
var modifiedFn = function() {  
  //mark the element as visible  
  t.appeared = true;  
  
  //is this supposed to happen only once?  
  if (settings.one) {  
    //remove the check  
    w.unbind('scroll', check);  
    var i = $.inArray(check, $.fn.appear.checks);  
    if (i >= 0) $.fn.appear.checks.splice(i, 1);  
  }  
  
  //trigger the original fn  
  fn.apply(this, arguments);  
};
```

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### About

The Master in Software Engineering is a higher education program that promotes qualification excellence in both nuclear and advanced topics on Software Engineering, from its theoretical foundations to IT industry integration.

### Objectives

The Master in Software Engineering (MESW) aims to be a training cycle of excellence at the level of the 2nd cycle of Bologna and its main objective is to train professionals with solid basic training and skills in Software Engineering to suppress market needs, promote innovation and increase competitiveness.

### Professional Skills

The objective of MESW is to promote excellence in qualification in advanced and core aspects of Software Engineering (ES), from its theoretical foundations to the integration of computer technologies in organizations so that students can:

- Work efficiently in a project team to develop quality software;
- Detect conflicts in requirements and define solutions in the limits of cost, time, existing knowledge and organizational idiosyncrasies;
- Design Software Engineering solutions taking into account ethical, social, legal, technological and economic restrictions;
- Understand and value the analysis of feasibility, negotiation, efficient work habits, leadership, communication and continuous study;
- Learn new Software Engineering development models, techniques and technologies;
- Analyse the strengths and weaknesses of Software development technology, promoting change in organizations;
- Lead the work in several areas of Software development.

### Career Prospects

MESW graduates are indispensable professionals in the software industry, capable of managing large-scale projects, with complexity and restrictions imposed by the market. We train people to become top leaders on the technical hierarchy of the global software industry.

