



Review of the proposed Master in Applied Statistics at the University of Novi Sad

Statistics is one of the mathematical parts with a more fast and important development in the last decades, as a necessary tool in many fields. It is widely applicable in various social and natural sciences as such as political science and medicine or psychology as well as in business such as the insurance industry or quality control, among others. Nowadays, no one discuss about the utility of this science and its applicability to solve real problems. In fact, there are many institutions devoted to provide high quality consulting, training and experimental basis among their communities, industries and governmental agencies. Some of these institutions are Statistical Consulting Units depending on the Universities. All the previous comments are the proof of the importance of the existence of a large number of experts in Statistics in the development of a modern country.

In order to achieve this purpose, it is fundamental the existence of high-qualified courses in Statistics. The proposed Master is the best choice to teach these courses and obtain these experts, who will be crucial in the development of Serbia.

The structure of this Master is very appropriate. In the first academic year (two first semesters), students will obtain the basic concepts in Statistics, independent of the field of application of it. Moreover, by means of one elective course, they will be able to improve in the matter they consider they need, in accordance with their previous academic curriculum. Once this basic course is finished, the Master is divided in four different modules: Economy, Engineering, Medicine and Social Science. Thus, it covers the main fields of application of Statistics and it allows obtain specialized people in these different areas. A common curriculum in Statistics could be inappropriate in many cases, but with this degree of specialization, the adaptation to real problems and the Master's success is assured.

The formation by means of regular lessons can be complemented with external practices, which allow the student to connect theoretical knowledge with real problems.

Apart from the applied formation, this Master could be a first step in the formation of PhD. Students in Statistics. In this direction, the accordance of the proposed studies with similar Masters in other European countries and the connections of the organizers of these studies with some people responsible of similar studies in other countries could help the interested students to spent some periods in foreign institutions. This international interchange is also supported by the possibility of foreign students attending this Master, since some of the subject will be taught in English.



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Thus, according to my experience and once I have analyzed in detail the presented documentation for accreditation of this study programme in Applied Statistics (Master Academic Studies), I totally support the approval of this studies and its starting as soon as possible.

Done in Gijón, May 3, 2011

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