ACOUSTICS2008/2659 Problem based Masters Programme in Acoustics - 10 years of experience

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The Section of Acoustics at Aalborg University in Denmark has more that 10 years of experience in offering a masters programme in Acoustics. The programme provides students with classical and modern aspects of physical acoustics, psychoacoustics and electro acoustics. Also signal processing which today is a major tool in understanding and utilizing of the newest sound technology is a compulsory part of the study. The language is English and the programme is open for all students with the appropriate background. So far half of the students have been non-Danish citizens coming from 4 continents. The pedagogical concept is problem based learning, with all students organized in groups of 4 - 6 students (having their own group rooms). Each semester has its own theme with relevant courses and suggested projects from the supervisors, industry or the students themselves. The project work is a considerable part of the workload at a semester, one could say that the courses give the theoretical background for the projects which are 'learning by doing' with access to the best facilities, rooms and equipment.