

# Graduate Program Decision Using The Analytic Hierarchy Process

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**Abstract.** *This project involves deciding which graduate program to pursue and modeling the decision through the use of the Analytic Hierarchy Process (AHP). While we have used three graduate programs (Master of Studies in Law (MSL), Master of Business Administration (MBA) and Master of Health Administration (MHA)) from the University of Pittsburgh for our case study, the model can be used with any other number of alternatives. We have utilized specific program information from the University of Pittsburgh's online resources as this school offers all three graduate programs. We consider that value, time, cost and interest are the most important criteria in the majority of situations. We utilized the Super Decisions software to perform AHP calculations. We analyzed the initial results and those based on two scenarios of sensitivity analysis. Based on these findings, we could make our final recommendation regarding which program is the best choice, which was concluded to be the MBA.*

**Keywords.** Graduate program decision, Analytic Hierarchy Process, AHP

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