

## Specialisation in Applied & Empirical Economics – AY2021 intake and after

**Description:** The field poses many interesting academic questions as well as a mathematical framework as to how we can address those questions. The practical application of applied economics is well documented in industry. Knowledge of applied economics is essential to understand whether any government agency should undertake a given project-for example should a new road be built etc. More specifically, applied economics aims to assist policy makers to evaluate the effectiveness of existing policies using a quantitative framework. This skillset is also highly valued in the private sector, consultancy firms often tender for government projects.

As the requirements of the program are very demanding, it is necessary to impose a minimum grade requirement, in order to ensure that students enrolled in the program will be able to cope with these demands. Thus, only students whose CGPAs are above 3.75 will be eligible to apply.

Requirement	Applied & Empirical Economics (may be subject to further changes)
<b>Criteria</b>	<ul style="list-style-type: none"> <li>• cGPA must be above 3.75 (at the point of graduation)</li> <li>• Must read Graduation Project and the topic must be of interest to any government agency or private sector organisation.</li> </ul>
<b>Compulsory Courses (Choose 3)</b>	<ul style="list-style-type: none"> <li>• HE3004 Mathematics for Economists II</li> <li>• HE4103 Time Series Analysis &amp; Applications</li> <li>• HE4203 Panel Data &amp; Policy Analysis</li> <li>• HE4303 Machine Learning and Data Analysis</li> <li>• HE4903 Advanced Econometrics</li> </ul>
<b>Elective Courses (Choose 5)</b>	<ul style="list-style-type: none"> <li>• HE3004 Mathematics for Economists II</li> <li>• HE4040 Behavioural Economics</li> <li>• HE4041 Cost-Benefit Analysis</li> <li>• HE4043 Finance and Development</li> <li>• HE4045 Quantitative Economics with Data Science</li> <li>• HE4103 Time Series Analysis &amp; Applications</li> <li>• HE4140 Experimental Economics</li> <li>• HE4203 Panel Data &amp; Policy Analysis</li> <li>• HE4303 Machine Learning and Data Analysis</li> <li>• HE4403 Econometric &amp; Business Forecasting</li> <li>• HE4903 Advanced Econometrics</li> </ul>

Please note that the specialisation will not be reflected in your degree certificate and academic transcript.

Students who have fulfilled the Specialisation Track requirements will receive a Letter of Certificate from the programme upon graduation.