

PÓS-GRADUAÇÃO – Ementa de disciplina
Mestrado e Doutorado em Economia

DISCIPLINA: Análise Matemática II	CÓDIGO:
SIGLA: DT	
PROFESSOR: Kazuhiro Hara	CARGA HORÁRIA: 40h
	CRÉDITOS: 4
DATA DE INÍCIO: DATA DE FIM:	OBRIGATÓRIA: <input type="checkbox"/> SIM <input checked="" type="checkbox"/> NÃO CURSO: <input type="checkbox"/> M <input type="checkbox"/> D <input checked="" type="checkbox"/> MD
PRÉ-REQUISITO: There is no prerequisite for this course.	
ÁREA DE CONCENTRAÇÃO: Mathematics	
<p>1 linear algebra 2 real analysis 3 applications: convex analysis, optimization</p> <p>The course begins with a quick review of basic concepts and results in linear algebra. The second part of the course covers basic concepts and results in real analysis. The final part of the course covers applications to convex analysis and optimization, including separation theorems, and KKT theorem.</p>	
OBJETIVOS The objective of the course is to provide basic mathematical tools from real analysis relevant for economic analysis.	
BIBLIOGRAFIA	