Transcript of Records

Erasmus Mundus Joint MSc "MathMods"
Mathematical Modelling in Engineering:
Theory, Numerics, Applications

Student: **PFAHRINGER, Boris Alexander** Gender: **Male** Birth Date: **28/09/1991** Birth Place: **Korneuburg (New Zealand)**	Student ID in L'Aquila: **239082** Enrollment Date: **08/09/2014** Leave Date: **15/09/2016**	CGPA: **3.58** Weighted CGPA: **3.58** Total Earned Credits: **120**

Theory - UAQ — First Semester 2014/2015 — GPA: **3.60**

Course	Marks	Grade	Credits	Earned
Applied partial differential equations and Fluid dynamics	28	B	9	9
Control systems	30	A	6	6
Dynamical systems and Bifurcation theory	30	A	6	6
Functional analysis in applied mathematics and engineering	27	C	6	6
Italian language and culture for foreigners (level A1)	29	B	3	3
Total Credits for Theory - UAQ				**30**

Numerics - UHH — Second Semester 2014/2015 — GPA: **3.85**

Course	Marks	Grade	Credits	Earned
Algorithms and data structures	1	A	6	6
German language and culture for foreigners (level A1)	1.3	B	3	3
Modelling camp	1	A	3	3
Numerical approximation of partial differential equations by finite differences and finite volumes	1	A	6	6
Numerical methods for partial differential equations – Galerkin methods	1	A	6	6
Optimization	1.3	B	6	6
Total Credits for Numerics - UHH				**30**

Stochastic modelling and optimization - UAB — First Semester 2015/2016 — GPA: **3.30**

Course	Marks	Grade	Credits	Earned
Combinatorial optimisation	9.5	B	6	6
Probability and stochastic processes	8.9	C	6	6
Simulation of logistic systems	8	D	6	6
Time series and prediction	9.6	A	6	6
Workshop of mathematical modelling	10 with honours	A+	6	6
Total Credits for Stochastic modelling and optimization - UAB				**30**

Thesis - UAB — Second Semester 2015/2016 — GPA:

Course	Marks	Grade	Credits	Earned
Master's thesis	9.7	Pass	30	30
Total Credits for Thesis - UAB				**30**

Graduation				
Thesis Title	**Date**	**Advisor**	**Mark***	**Degree Awarded**
End to End Music Genre Recognition using Deep Neural Networks	15/09/2016	Prof. Aureli Alabert	110/110 with honours	Joint MSc Mathematical Modelling in Engineering

Additional Notes:

During the two-year course the student has been enrolled as full-time student in the Erasmus Mundus Joint Master Degree Programme "MathMods – Mathematical Modelling in Engineering: Theory, Numerics, Applications".
MathMods is coordinated by the University of L'Aquila in Italy (UAQ) and involves other four European universities: the Autonomous University of Barcelona in Spain (UAB), the Gdansk University of Technology in Poland (GUT), the University of Hamburg in Germany (UHH) and the University of Nice - Sophia Antipolis in France (UNS).
All the activities related to this programme (lectures, laboratories, examinations, thesis preparation and dissertation) are conducted in English.
* For the student's graduation mark a 110-point scale is used, with 66 being the minimum grade for passing. The graduation mark takes into consideration both the marks obtained over all examinations and the assessment of the final thesis.

Grading Scales

Grade	GPA	UAQ	UAB	GUT	UHH	UNS
A+	4	30 with honours	with honours	-	-	>17.75
A	4	30 with honours, 30	>9.5	5.5	100-90	17.75 - 17.01
B	3.5	29, 28, 27	B	5.0	89-81	17.00 - 14.76
C	3	27, 26, 25, 24	C	4.5	1.7, 2.0	14.75 - 12.26
D	2	23, 22, 21, 20, 19	D	4.0	2.3, 2.7, 3.0	12.25 - 10.26
E	1	18	E	3.5, 3.0	3.3, 3.7, 4.0	10.25 - 10.00
FX, F	0	< 18	FX, F	< 3.0	> 4.0	< 10.00

Official Seal and Signature

Prof. Bruno Rubino
Head of Department
MathMods Coordinator
University of L'Aquila

Date: 27/01/2017

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