

UNIVERSITY OF HELSINKI  
FACULTY OF SCIENCE

**CERTIFICATE OF THE DEGREE OF MASTER OF SCIENCE**

**Martin Georg F l u c h**

(170774-1950) has completed the degree of Master of Science as defined by Decree No. 221/1994 in accordance with the degree programme of Mathematics, line of Mathematics curriculum.

The degree comprises the following studies:

<b>Major subject</b>		<b>Grade</b>
Mathematics	laudatur (99 credits)	excellent

Master's (PRO GRADU) thesis in Mathematics approved with the grade *eximia cum laude approbatur*.

<b>Minor subjects</b>		
Physics	approbatur (20 credits)	good
Theoretical Physics	approbatur (22 credits)	good
Computer Science	approbatur (17 credits)	excellent

**Other studies:** 4 credits

The degree comprises the following language test:

Oral use and reading comprehension of the English language.

The studies have been completed at the University of Helsinki and in Germany (Ruprecht-Karls-Universität – Heidelberg).

Helsinki, 26 March 2004

Heikki Saarinen  
Dean

(Seal)

Maija Borg  
Department secretary

P.T.O.

The minimum extent of the degree of Master of Science is 160 credits.

Studies in the major and minor subjects (yielding more than 15 credits) have been graded as follows:

excellent  
good  
satisfactory

The minimum extent of the initial (Approbatum) level is 15 credits and that of the medium (Cum laude approbatum) level is 35 credits. The minimum extent of the advanced (Laudatur) level, comprising medium and advanced-level studies and a Master's thesis, is 80 credits, for the prospective school teacher 70 credits.

Grading of Master's thesis:

laudatur  
eximia cum laude approbatum  
magna cum laude approbatum  
cum laude approbatum  
non sine laude approbatum  
lubenter approbatum  
approbatum

(The term "credit" refers to an average input of 40 hours of work by the student.)

Certified in Helsinki, at the University,  
26 March 2004



Sirkka Korsman  
Department secretary

