

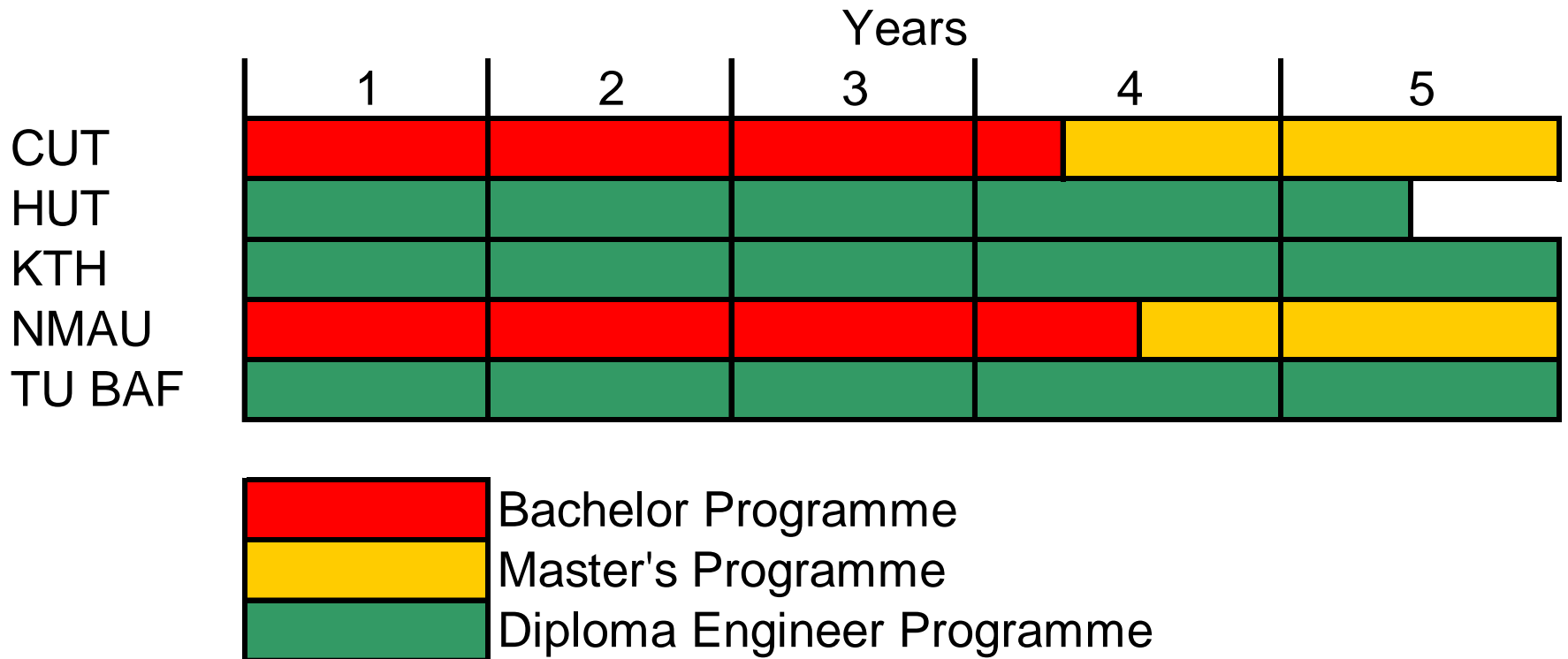
# Freiberg Meeting 3-4 June 2004

## *Comparison of the Bachelor (or equivalent) study programmes*

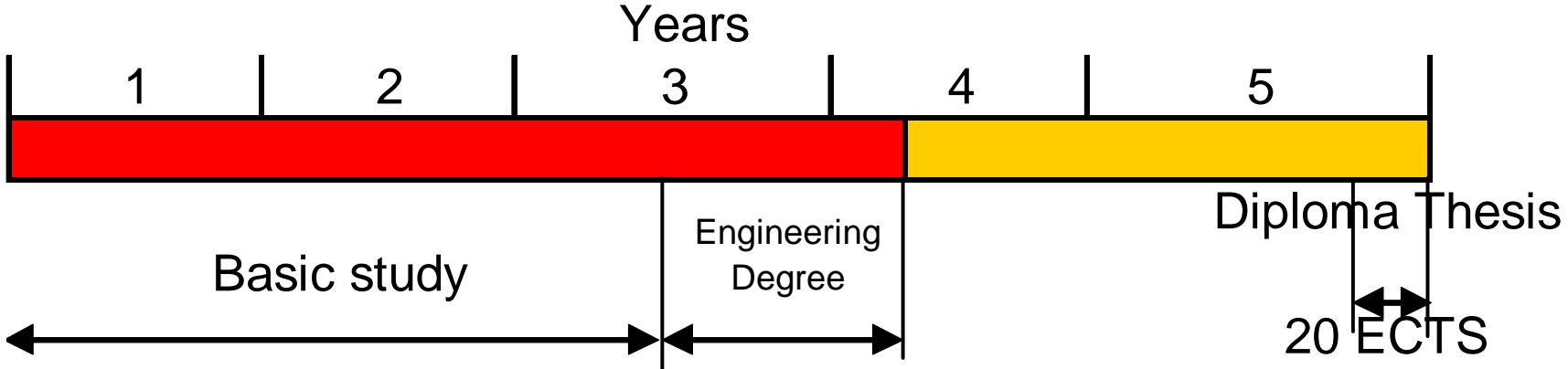


National Metallurgical Academy of  
Ukraine

# Comparison at a glance

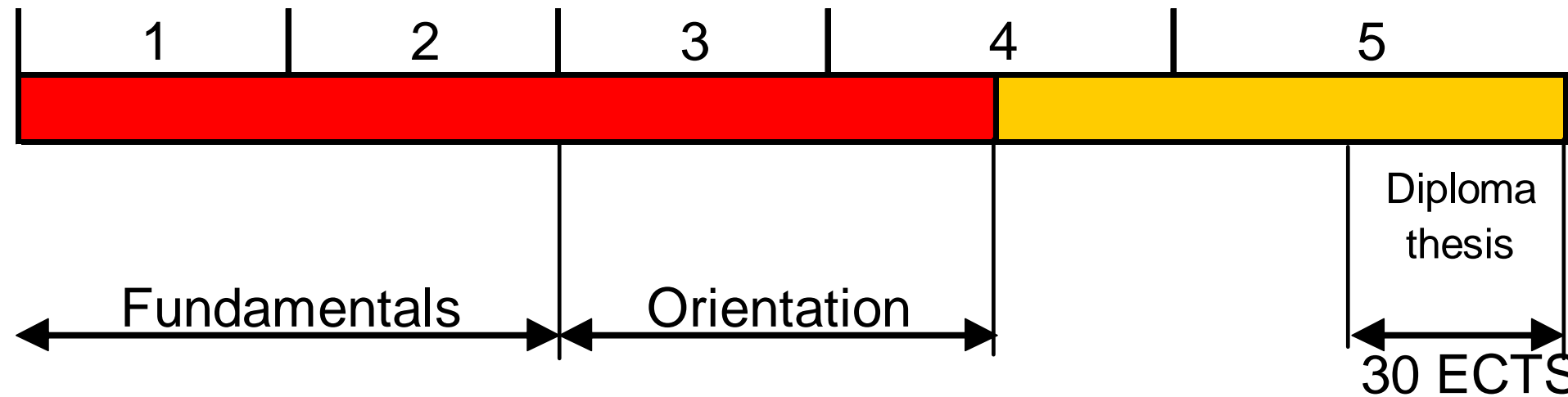


# What's inside: *CUT*



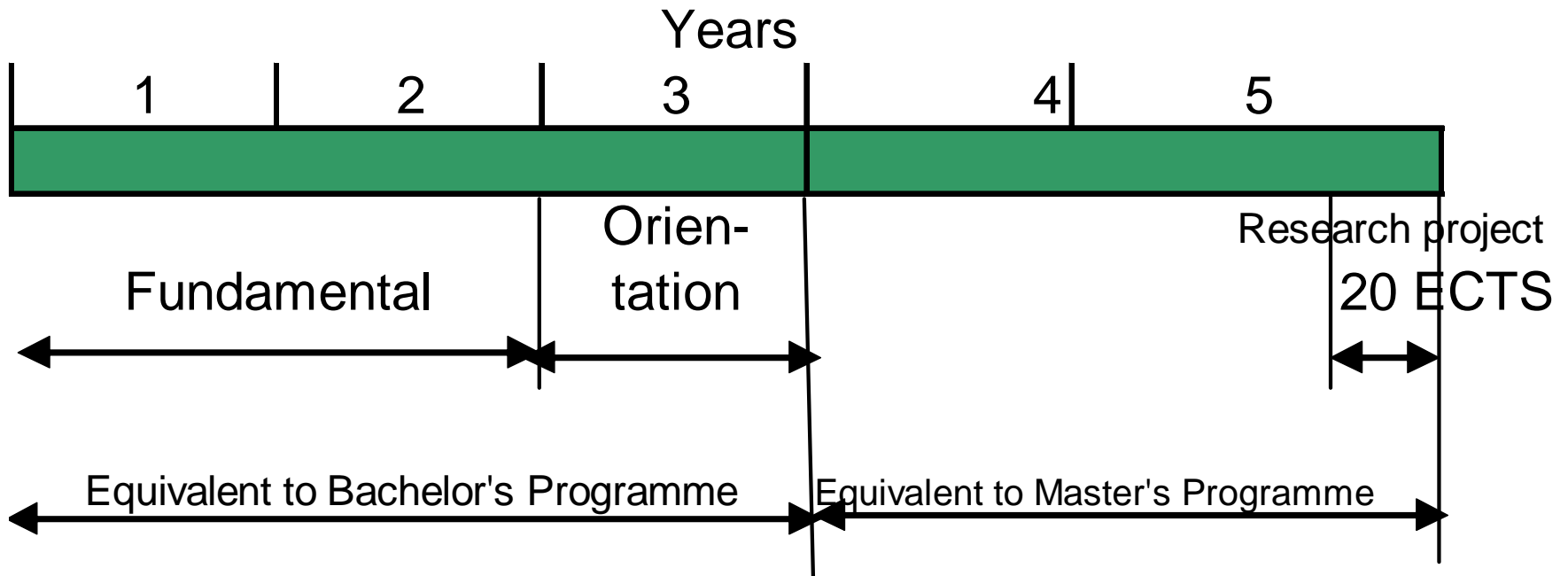
-  Bachelor Programme
-  Master's Programme

# What's inside: *NMAU*

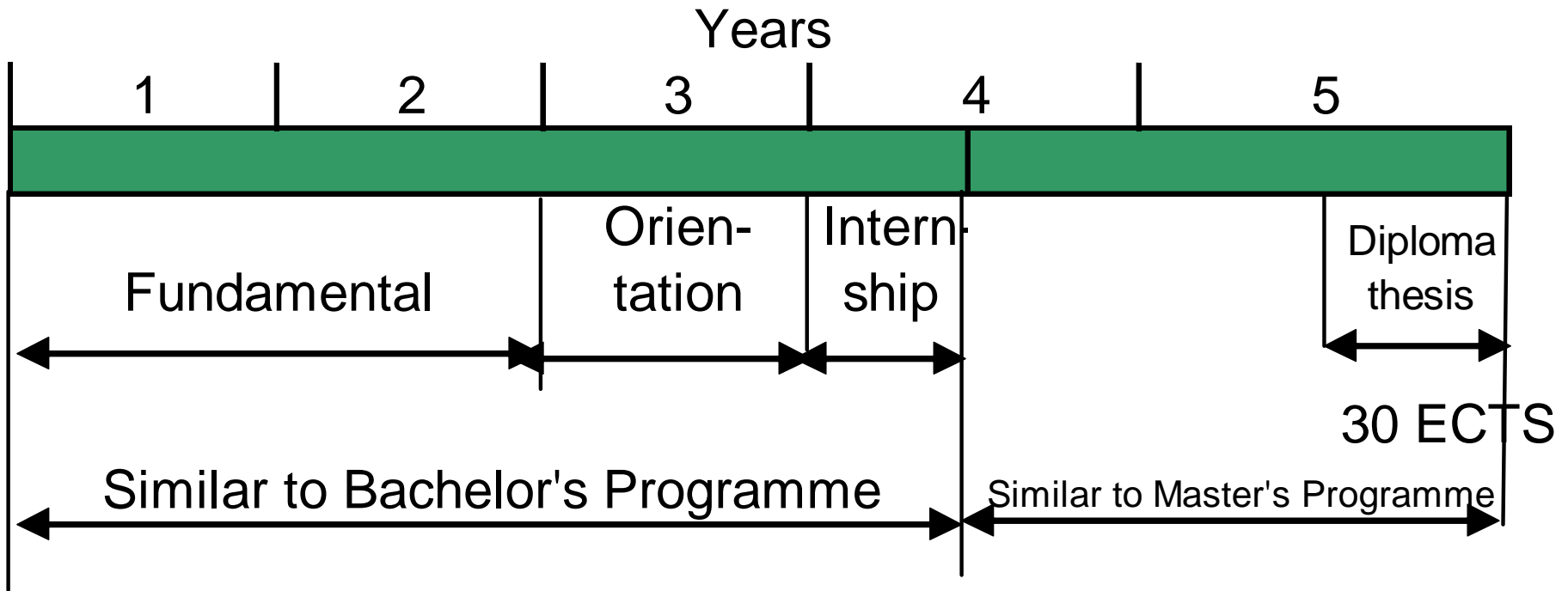


# What's inside: *HUT*

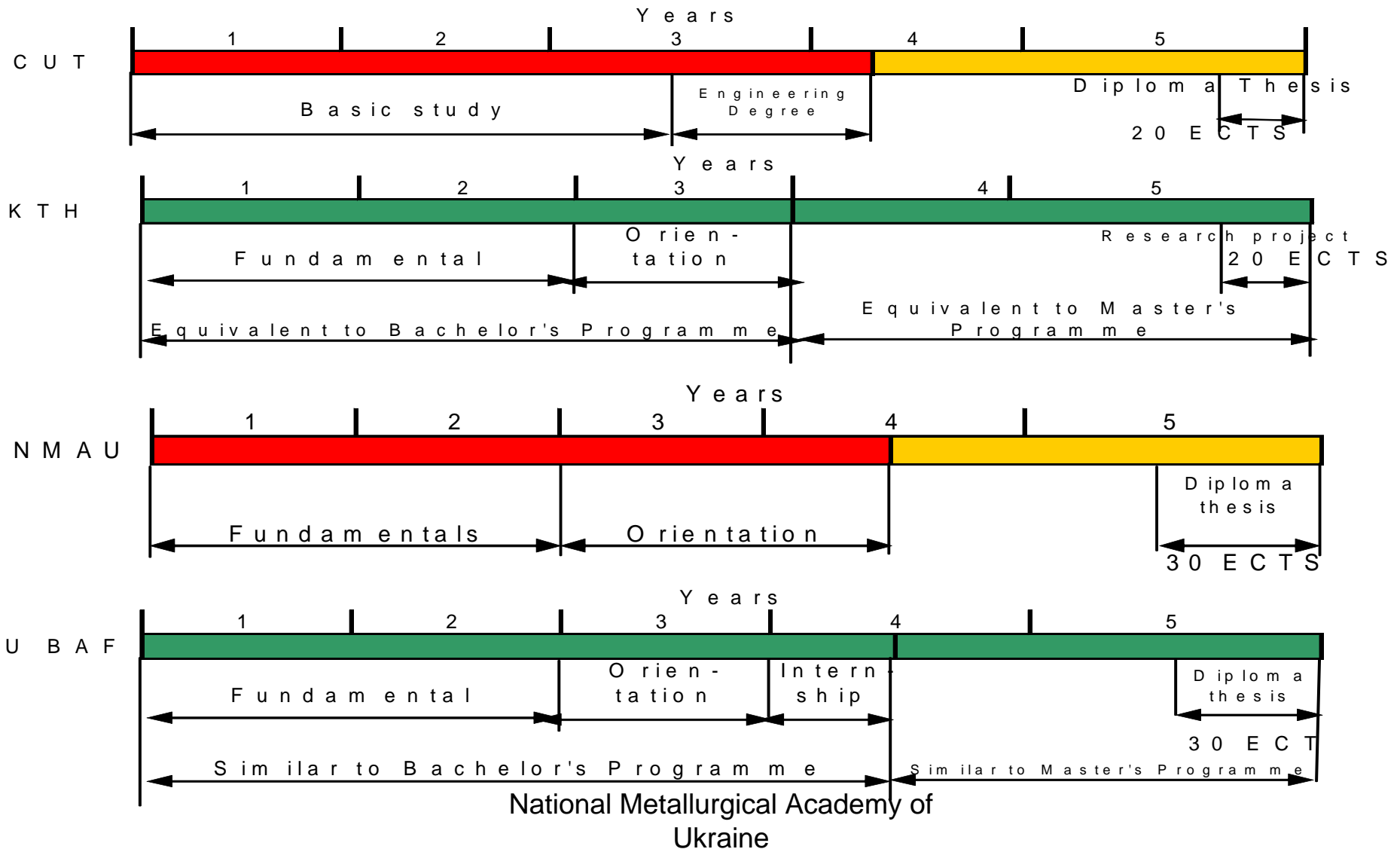
# What's inside: *KTH*



# What's inside: *TU BAF*



# What's inside: almost the same



# By groups of subjects

<b>Groups of subjects</b>	<b>CUT</b>	<b>HUT</b>	<b>KTH</b>	<b>NMAU</b>	<b>TUBAF</b>
Social & Economics	10		0	36	4
Fundamentals	77		90	96	96
Professional Oriented	159		90	84	105
<i>Total</i>	246		180	216	205

# Common Fundament

<b>Fundamental subjects</b>	<b>CUT</b>	<b>HUT</b>	<b>KTH</b>	<b>NMAU</b>	<b>TUBAF</b>
Mathematics	15		30	24	26
Physics	14		12	12	15
Chemistry	10		12	7	8
Thermodynamics	9		9	6	0
Physical Chemistry	5		0	9	10
Computing&IT	4		9	12	4
Mechanics	7		18	12	17
Electric Engineering	3			6	7
Engineering Drawing	10			6	2
Other	0		0	2	7
<i>Total</i>	<i>77</i>		<i>90</i>	<i>96</i>	<i>96</i>

# Practical or research training (ECTS)

CUT	HUT	KTH	NMAU	TUBAF
25		6	6	30

## *We call it:*

CUT – Diploma seminar and laboratory

HUT -

KTH – Advanced project

NMAU - Technological practice

TU BAF – Engineering internship

# Conclusions:

- in spite of structural difference of study programmes and graduation systems all partners have 3.0-3.5 years for broad basic engineering education and 1.5-2.0 years for specialization
- all study programmes are comparable and well suited to comply with national standards as well as with ECTS
- all partners have at least 180 ECTS credits for fundamental and professional oriented studies at the basic/Bachelor level which enables common recognition
- close content and duration of fundamental as well as professional oriented subjects on the basic/Bachelor level gives common platform to facilitate mobility at the specialization/Master level and to create common European Masters programme