

## Translation of enclosure #1 to Agreement between KI and KTH for joint doctoral programme in Medical Technology

### Courses and credit-bearing activities

For or a joint degree to be issued the doctoral student must have earned 60 HEC at a minimum. Below is a list of courses and other credit-bearing activities that form part of this programme. "Max hp" is the number of HE-credits (hp) that can be counted as part of the mandatory 60 HEC.

At halftime review the doctoral student should have earned 30 HEC, including all obligatory courses.

#### Obligatory general science courses

Description	Min hp	By
Research ethics	1,5	KI
Medical technology	3,0	KI alt. KTH
Basic statistics or statistic medical trial planning	1,5	KI alt. KTH
Basic communication and teaching or pedagogy/didactics/presentation technique	1,5 (13,0) (max 7,5)	KI alt. KTH

#### Obligatory courses for some doctoral students

	Obligatory for:	Min hp	By
Human biology or pathology	Students lacking basic education in Medical	3,0	KI
Basic course in technology within the scope of the thesis	Students lacking basic education in Technology	3,0	KTH
Quality assurance of clinical research	Students who are to conduct clinical research <sup>2</sup>	1,0	KI
Laboratory animal science	Students who are to use laboratory animals in their research. Species-specific competence as required by Swedish law.	Depends on species	KI
Laboratory safety	Students who are to conduct all or part of their research in a laboratory	1,5	KI

Obligatory credit-bearing activities	Min hp
Participation in research seminars, journal clubs, etc. (1-1,5 hp/term)	1,5 (max 6)
Participation in international conferences with own presentation (1,5 hp per conference)	1,5 (max 3)

Optional credit-bearing activities	Max hp
Visit to a research group at another university (1,5 hp/week)	6
Teaching in own research field for practical pedagogical training (1,5 hp = 40h incl. preparation)	4,5
Literature studies – as a selective course (1,5 hp/week)	15

#### Introduction

Besides the list above, all new doctoral students should take part in an introduction to doctoral studies at both universities.

#### Selective courses

Relevant courses from either university's course catalogue. Relevant courses from other universities can also be chosen where after a decision of accreditation must be done.

<sup>1</sup> For doctoral students who teach

<sup>2</sup> Definition clinical research: Research on living humans or research requiring the handling of sensitive personal data. For students conducting research on human biological material only, this course is recommended but not obligatory.