



PHD EDUCATION

ACTION PLAN 2016–2022 // UNIVERSITY OF BERGEN
DIVISION OF RESEARCH ADMINISTRATION

PHD EDUCATION

UiB will offer PhD education of high international quality in all academic and scientific environments. The PhD education will facilitate research of a high scientific and ethical standard.

UiB PhD candidates will be at the forefront of research in their field. UiB PhD candidates will successfully complete their PhD project in the stipulated time. UiB has as a goal, that 250 PhD candidates will defend their thesis annually by the end of the action plan period. PhD candidates will actively contribute to national and international research networks. UiB will facilitate international research stays for doctoral candidates. The PhD education will be closely linked to UiB's excellent research environments and open to interdisciplinary projects. Through publication and dissemination, doctoral candidates' research will contribute to society. UiB will facilitate PhD research at the interface between the university and society and promote innovation. By 2025, a total of 90 per cent of the candidates will have a relevant job two years after they complete their education.

The action plan will be revised in 2019.

Focus areas

The PhD education at UiB will achieve its strategic objectives through the following focus areas:

Recruitment and academic development: The PhD education will continuously strive to ensure that our candidates have the best conditions for academic development.

Career development for doctoral candidates: Candidates shall be introduced to career development both within and outside academia and the labour market in general.

Doctorate supervision: New and experienced PhD supervisors will be offered opportunities to develop their expertise in doctoral supervision.

Internationalisation: The candidates will be given opportunities for international research stays and networking.

Innovation: The PhD education will contribute to increased innovation in the public and private sector.

FOCUS AREAS FOR UiB'S PHD EDUCATION 2016–2022

A. FOCUS AREA: RECRUITMENT AND ACADEMIC DEVELOPMENT FOR DOCTORAL CANDIDATES

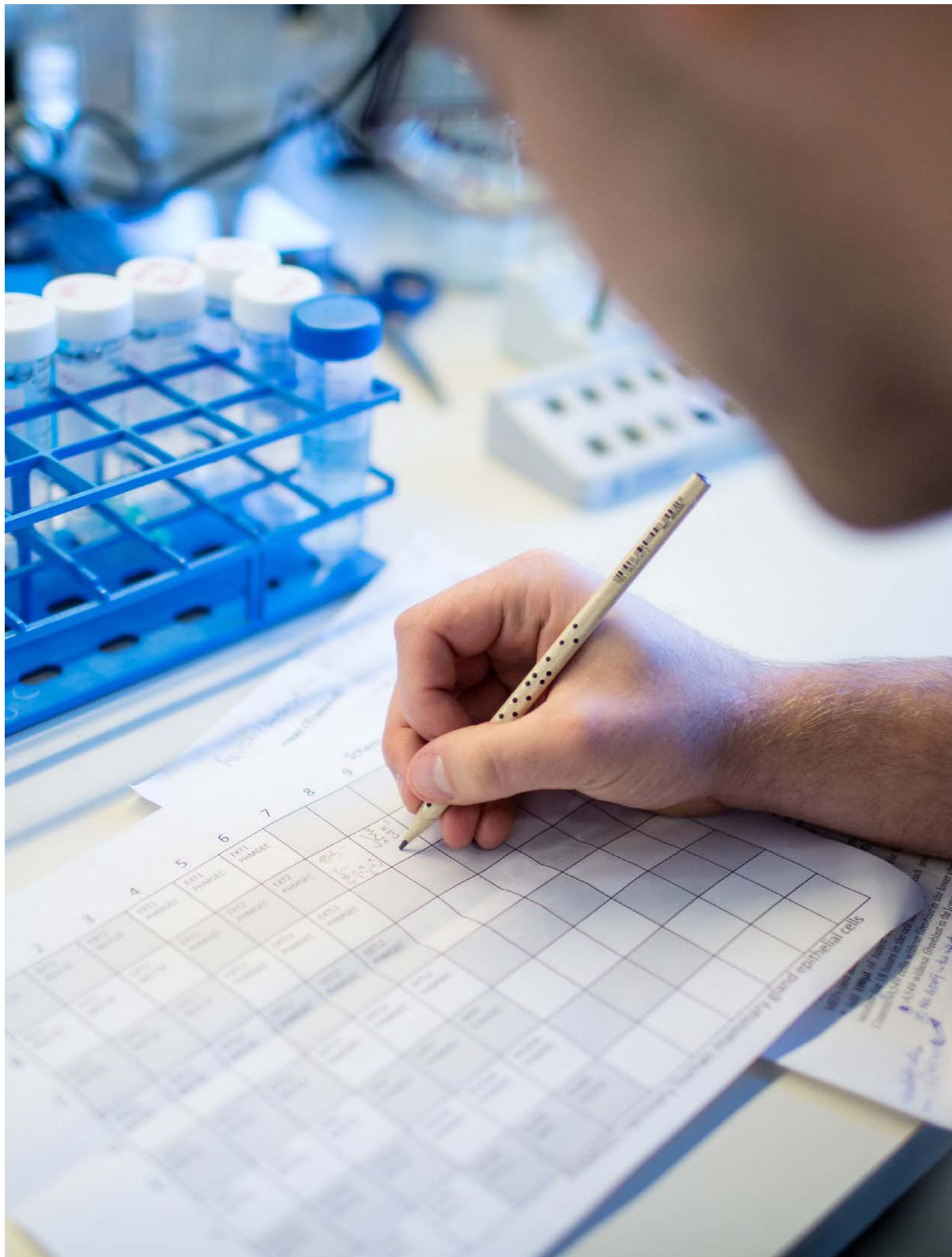
SUB OBJECTIVES	MAIN ACTIVITIES	RESPONSIBLE
SUB OBJECTIVE 1: UiB will recruit the best research talents to the PhD programme	Facilitate research programmes in professional studies	Faculties
	Work to ensure that the admission criteria for the PhD programme are appropriate	Faculties
	International marketing of research fellowships	DHR and CD
SUB OBJECTIVE 2: At graduation UiB candidates will be at the forefront of their research fields	Candidates will be supervised by active researchers	Faculties
	UiB will further develop its quality assurance system for doctoral education	DRA, Faculties
SUB OBJECTIVE 3: UiB's PhD candidates will have high competence on research ethics and be able to apply this knowledge in their own research and publishing	Further develop UiB's ethics training for PhD candidates	DRA, Centre for the Study of the Sciences and the Humanities, Faculties
	Develop courses in academic writing based on the Vancouver Convention for scientific writing and publishing	Faculties
SUB OBJECTIVE 4: UiB's PhD candidates will be part of an active research environment	UiB will continue its focus on research schools and research groups in which PhD candidates participate	Faculties

B. FOCUS AREA: CAREER DEVELOPMENT FOR DOCTORAL CANDIDATES

SUB OBJECTIVES	MAIN ACTIVITIES	RESPONSIBLE
SUB OBJECTIVE 1: UiB doctoral candidates will have a good knowledge of the career opportunities that exist both within and outside academia as well as how their own careers can be developed	Alumni surveys will be conducted in order to chart candidates' careers and their satisfaction with the PhD education	DRA
	UiB will produce a career development guide for use in the departments and research groups	DHR
	Develop courses on how to write good applications for research funding. Develop courses in bibliometrics and publishing	DRA, UL, Faculties
	Establish a talent development program for doctoral candidates	DRA, DHR
SUB OBJECTIVE 2: UiB's PhD education will supply all sectors of the labour market with research and development expertise	Appraisal interview for all PhD research fellows at UiB	DHR, Faculties, Departments
	Develop courses for candidates seeking a career outside academia: awareness of personal skills, transferable skills, industry needs and job searching	DRA, DHR
	Promote PhD education (also Industrial and Public Sector PhD schemes) to the labour market	CD, Faculties
	PhD candidates at UiB will be offered course in pedagogy	DE

C. FOCUS AREA: DOCTORAL SUPERVISION

SUB OBJECTIVES	MAIN ACTIVITIES	RESPONSIBLE
SUB OBJECTIVE 1: UiB doctoral supervisors will have courses in doctoral supervision of a high quality and with sufficient capacity	Strengthen the Programme for university pedagogy's courses in research supervision with regard to both capacity and educational content. Develop digital educational content	Faculties, DE
SUB OBJECTIVE 2: Doctoral supervisors will have sufficient and updated knowledge of the rules, policies and procedures within the PhD education	Develop an e-course in rules, policies and procedures for the PhD education. The e-course will have common and faculty specific components	DRA, Faculties
SUB OBJECTIVE 3: UiB will have arenas where doctoral supervisors can exchange experiences and get professional input on supervision	The faculties, with assistance from u-ped, will develop discipline specific seminar programmes for the exchanging of experience and building of expertise within doctoral supervision	Faculties, DE
SUB OBJECTIVE 4: UiB's academic leadership will facilitate the further development of supervisory expertise	UiB will create a forum for doctoral supervision with the purpose of helping to guide UiB's provision for supervisor training and experience exchange	Pro-rector, The research committee



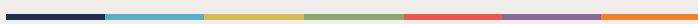
D. FOCUS AREA: INTERNATIONALISATION

SUB OBJECTIVES	MAIN ACTIVITIES	RESPONSIBLE
SUB OBJECTIVE 1: At least 50% of the candidates will make international research stays of a duration longer than one month during their doctoral period	Prepare a guide on research stays abroad for PhD candidates	DRA, Faculties
	The university will consider to establish a scholarship for research stays abroad for PhD candidates	DRA, Faculties
	UiB will improve information on research stays abroad on the PhD education websites	DRA, Faculties
SUB OBJECTIVE 2: UiB will facilitate international joint supervision of doctoral candidates	The Professor II scheme will be actively used for doctoral supervision	The Faculties
SUB OBJECTIVE 3: UiB will advance the development of international doctoral degree cooperation	UiB will use national and international arrangements to develop international cooperation within PhD education	DRA, Faculties
	UiB will encourage candidates to participate in international conferences and will enter into joint degree agreements where appropriate	DRA, Faculties
	Improve information on international PhD courses	DRA, Faculties
	Improve information on courses for incoming PhD candidates	DRA, Faculties

E. FOCUS AREA: PHD EDUCATION WILL CONTRIBUTE TO INNOVATION

SUB OBJECTIVES	MAIN ACTIVITIES	RESPONSIBLE
SUB OBJECTIVE 1: PhD education will contribute to research-driven innovation	Promote the Industrial and Public sector PhD schemes to regional and national businesses	DRA, Faculties, Office of Community Relations, Faculties
	PhD education will be a key component of UiB's Centre for Research-based Innovation	DRA, Faculties
	Evaluate a joint scheme with BTO for incubator spaces for completed PhD projects that have innovation and commercial potential	DRA, Faculties
	Develop innovation courses for doctoral candidates	DRA, Faculties
SUB OBJECTIVE 2: The PhD education will contribute to entrepreneurship	Establishment grant/programme for candidates who have a research-based idea with business potential (loosely based on the NRC FORNY programme)	DRA, Faculties





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