

Correspondence Table Between Curriculum and Diploma policies

Curriculum Policy			Master's Program				Doctoral Program		
			Regular Courses (Core)	Regular Courses (Advance)	Seminar Courses	Research Activities	Regular Courses	Seminar Courses	Research Activities
Diploma Policy	[Motivation]	(1) A graduate degree holder from UoA has a magnanimous character.				✓			✓
		(2) A graduate degree holder from UoA is creative and always acts with ethical integrity.				✓	✓		✓
		(3) A graduate degree holder from UoA can demonstrate a pioneering creative spirit.				✓	✓		✓
		(4) A graduate degree holder from UoA is an independent thinker and keeps abreast of the latest technological trend — the current state of affairs and what's on the horizon.	✓	✓		✓	✓		✓
		(5) A graduate degree holder from UoA can respect other cultural paradigms, appreciate diversity, and effectively engage people from different backgrounds.				✓			✓
	[Competency]	(6) A graduate degree holder from UoA has completed a well-rounded, specialized, and advanced education.	✓	✓		✓	✓		✓
		(7) A graduate degree holder from UoA is scientifically literate and excels at identifying and solving real-world problems.	✓	✓		✓	✓		✓
		(8) A graduate degree holder from UoA possesses a robust and comprehensive skill set in computer science and engineering.	✓	✓		✓	✓		✓
		(9) A graduate degree holder from UoA is well-versed in assisting and leading on research and business fronts while fostering collegiality.			✓	✓		✓	✓
	[Skill]	(10) A graduate degree holder from UoA is skilled at making presentations and effectively conveying ideas to others, with abundant presentation experience under their belt.			✓	✓		✓	✓
		(11) A graduate degree holder from UoA has honed their research and debate skills through training in oral and written scientific communication while at UoA (seminars).			✓	✓		✓	✓
		(12) A graduate degree holder from UoA has a solid expertise required to work in a field of specialization, commensurate to what an M.S. degree from UoA attests to, i.e., completion of a coherent, English-medium, advanced computer science and engineering program.	✓	✓		✓	✓		✓
		(13) A graduate degree holder from UoA can apply their computer science and engineering knowledge to work out complex real-world problems and thereby make a positive impact on the industrial sector at local, domestic, and global levels.				✓			✓
		(14) A graduate degree holder from UoA has the finesse to bring out the best of their own abilities as an independent computer scientist/engineer and reaps the benefits of their leadership skills when confronted with real-world ICT problems, always with perfect solutions at their fingertips.	✓	✓		✓	✓		✓

The table below is applicable for Doctoral students only.

Diploma Policy (Doctoral program only)	[Motivation]	(1) A doctoral degree holder from UoA is resolute, demonstrates a pioneering creative spirit, and takes up the mantle of technological stewardship.						✓	✓
	[Competency]	(2) A doctoral degree holder from UoA has superb research abilities, keeps abreast of the latest developments, and always stays ahead of the game, knowing how to find, frame and solve problems in their research field inside out.					✓		✓
	[Skill]	(3) A doctoral degree holder from UoA is well-trained in generating and testing hypotheses, implementing and testing ideas, forging conclusions, publishing the findings in scholarly publication venues, and thereby adding to the existing scientific body of knowledge.						✓	✓
		(4) A doctoral degree holder from UoA is armed with cognitive competence – critical thinking and debate skills in particular – with which (s)he can substantiate their claims of originality, significance, and rigor of their research work.						✓	✓
		(5) A doctoral degree holder from UoA is a trailblazer in ICT fields and is an assertive decision maker who can effectively design and execute cutting-edge research projects.						✓	✓

* "Research Activities" refers to the activities that make up the bulk of studies and campus life.

In Master's Program, it corresponds to the "Thesis Research" course in the CIS department and the "Project Development Arena" course in the PM department.