ROYAL PHARMACEUTICAL SOCIETY

Name of Candidate	Candidate Name
Certified Learning for which accreditation is being sought	Master of Science in Pharmacy Practice
Awarding Organisation	University
Date of Award	Date
Curriculum outcomes and/or assessment criteria *If certified learning has no curriculum outcomes, please contact the Education team at education@rpharms.com*	At the end of this Research Methods (7BBPP011) module it is expected that you will be able to: • Describe a range of qualitative and quantitative research methods and their advantages and disadvantages • Demonstrate a systematic approach to the research planning process • Carry out a thorough literature review using critical appraisal techniques to evaluate evidence • Formulate an appropriate research question that addresses an unmet need and is relevant to clinical pharmacy practice • Design and plan a robust research proposal and justify your choice of methodology • Demonstrate effective communication, with emphasis on concise, scientific oral and written presentation • Demonstrate a reflective approach to research • Demonstrate compliance with all research governance requirements, including ethics approval (if appropriate) At the end of this module (7BBPP012) it is expected that you will be able to: • Apply research methods and theoretical frameworks within the context of clinical pharmacy practice research • Independently carry out a clinical pharmacy practice-based research project • Use appropriate analytical techniques to process and present data • Critically analyse the findings in the context of wider published research • Draw appropriate, clinically-relevant conclusions and formulate recommendations for future study • Critically evaluate methods and data collection techniques and discuss limitations to the study • Present the research in a structured manner according to the requirements of a specified clinical pharmacy practice journal • Demonstrate effective communication, with emphasis on concise, scientific oral and written presentation
Copy of the relevant certificate and/or academic transcript	Academic transcript Award certificate Programme handbook

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Grey – *Not eligible for APCL as high stakes outcome*

	Capabilities			Outcomes	Evidence of certified learning that meets the consultant curriculum outcome at the equivalent level
Domain 1 **Person-centred care and collaboration**	**Demonstrates high level communication and collaboration skills; able to communicate complex information to stakeholders in challenging environments to promote a collaborative approach across the healthcare system.**		1.1	**Effectively communicates with patients and colleagues in highly challenging and/or hostile environments; manages the situation collaboratively to resolution.**	Not eligible for APCL
			1.2	**Communicates highly complex, sensitive or contentious information to inform and influence senior pharmacy and non-pharmacy stakeholders from across the healthcare system; promotes a collaborative approach working across boundaries.**	Not eligible for APCL
Domain 2 **Professional practice**	**Leads on the delivery of complex pharmaceutical care in dynamic and uncertain environments across boundaries.**		2.1	**Possesses in-depth pharmaceutical knowledge and skills in defined clinical area(s); can apply these to manage individual patients and/or patient populations requiring the most complex pharmaceutical care.**	Not eligible for APCL
			2.2	**Influences the delivery and quality assurance of clinical services across boundaries.[1]**	

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		2.3	**Demonstrates effective critical thinking, clinical reasoning and decision making where there is uncertainty, competing and/or complex clinical issues.**	Not eligible for APCL
	Shapes and implements regional and national policy and strategy in their area of clinical practice.	2.4	**Implements regional and national policy and/or strategy at their level of influence within their area of clinical practice.**	
		2.5	**Translates expertise and research into the creation of new policy influencing practice beyond their organization. Demonstrably improving patient care.**	Not eligible for APCL
Domain 3 **Leadership & management**	**Leads on the strategic vision for implementing and innovating service delivery beyond their 3rganization; manages service change effectively to deliver**	3.1	**Creates and embeds a shared strategic vision for service delivery within their organization and beyond; relates goals and actions to wider strategic aims of the organization, profession and healthcare system.**	

	demonstrable improvements to patients care.		
		3.2	**Leads on innovation and improvement to service delivery at organizational level and beyond; manages change effectively to achieve demonstrable improvement(s) to patient care.**
	Contributes to the governance agenda at a senior level; effectively manages people, resources and risk at a team and/or service level to maximise the quality of patient care.	**3.3**	**Motivates and effectively manages individual and/or team performance at an organisational level[2]**
		3.4	**Manages resources effectively to maximise impact on patient care at an organizational level**

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[2] This outcome does not require evidence of **direct** line management; individuals can achieve this outcome by providing evidence of indirect management and/r supervision which meets the outcome descriptors and may also provide retrospective evidence from previous roles.

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		3.5	**Shapes and contributes to the governance agenda at a senior level within their organisation and beyond; develops and monitors standards of practice and risk management policies/protocols at a team and/or service level.**	Not eligible for APCL
Domain 4 **Education**	Manages education provision across boundaries both within and outside of their organization; interprets national policy to shape the education and development of the workforce in their area of clinical practice.	4.1	**Manages the professional development of individuals within a team and/or service.**	
		4.2	**Shapes and contributes to educational provision for patients and healthcare professionals in their area of expertise within and beyond their organization.**	
		4.3	**Interprets national policy to create strategic approaches to local workforce education, planning and development.**	

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Domain 5 **Research**	**Critically evaluates the literature and evidence-base to inform and improve service delivery within their organisation and beyond**	5.1	**Applies critical evaluation skills in the context of their working practice; uses research and evidence-base to inform and develop practice and services improving patient care at an organisational level and beyond.**	Not eligible for APCL
	Identifies gaps in the evidence base and designs research protocols to generate new evidence and improve patient care	5.2	**Formulates research questions based on gaps in the evidence base; designs rigorous research protocols to address these and at organisational level and beyond.**	The following outcomes were considered to align to the expectations of outcome 5.2 of the consultant pharmacist curriculum: - Demonstrate a systematic approach to the research planning process - Formulate an appropriate research question that addresses an unmet need and is relevant to clinical pharmacy practice - Design and plan a robust research proposal and justify your choice of methodology - Demonstrate compliance with all research governance requirements, including ethics approval (if appropriate) - Independently carry out a clinical pharmacy practice-based research project - Use appropriate analytical techniques to process and present data - Critically analyse the findings in the context of wider published research Although the outcomes don't explicitly describe a requirement to address research questions at an organisational level and beyond it is implied through the requirement to address an unmet need and generate new evidence as research.
		5.3	**Generates new evidence through research; communicates findings to influence practice and improve patient care beyond their organisation.**	The following outcomes were considered to align to the expectations of outcome 5.3 of the consultant pharmacist curriculum: - Design and plan a robust research proposal and justify your choice of methodology - Demonstrate compliance with all research governance requirements, including ethics approval (if appropriate)

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				- Independently carry out a clinical pharmacy practice-based research project - Use appropriate analytical techniques to process and present data - Draw appropriate, clinically relevant conclusions and formulate recommendations for future study - present the research in a structured manner according to the requirements of a specified clinical pharmacy practice journal - Demonstrate effective communication, with emphasis on concise, scientific oral and written presentation
	Works collaboratively to support research in their area of clinical practice	5.4	**Contributes to research supervision in collaboration with research experts.**	
		5.5	**Collaborates with the wider multidisciplinary team to conduct research projects.**	