

Clinical Research Professional Certificate

One-Year Certificate Program 2009-2010

Program Requirements.....	15
Additional Requirements.....	7
TOTAL CREDITS.....	22

PROGRAM INFORMATION:

The Clinical Research Professional Certificate program is designed for students with a degree in nursing, pharmacology, or biological sciences who desire to move into clinical research positions in biomedical or other health-related companies. Graduates will work in research monitoring, clinical research coordination, clinical data management, and regulatory affairs. Classes include specific biomedical coursework, as well as microbiology, statistics, pharmacology, and a field experience with a biomedical company. For additional information on our biomedical programs, visit our Web site at <http://www.AnokaRamsey.edu>.

PROGRAM GOALS:

By completing this certificate, students will achieve the following learning goals:

- 1) explain the steps in the research process;
- 2) describe the process for data collection and documentation;
- 3) demonstrate an understanding of applicable Regulations for conducting clinical trials in the US and other countries; and,
- 4) describe the elements of Good Manufacturing Practices (cGMP) and Good Clinical Practices (cGCP); and,
- 5) understand and demonstrate components of clinical research protocol.

PROGRAM ADMISSION

Admission to the Clinical Research Professional Certificate Program requires prior completion of RN (AS, AD, BSN) degree or a baccalaureate degree in pharmacology, biology or a related field. Please request that official college transcripts be sent to the Records and Registration Office. Most students admitted to the CRP program are exempt from the college's assessment tests. Submit an Application for Admission to the College (new ARCC students only) and an Application for Biomedical Programs to the Records and Registration Office. Applications are available in Counseling and Advising Services or the Records and Registration Offices on either campus. All BMED Program Core courses are offered at the Coon Rapids Campus.

GENERAL INFORMATION:

College-level competence in English, writing, mathematics, and computer competency should be acquired before entering the BMED programs.

COMPLETION REQUIREMENTS:

- A cumulative GPA of 3.0 or above is required to complete this certificate.
- A minimum grade of C must be earned in all Program requirements.
- All Program requirements must be completed through Anoka-Ramsey Community College.

Program Sequence:

The sequence that follows is suggested for full-time students. Part-time students will need more time to complete this program; many courses are offered in the evening.

	Fall Semester	Spring Semester
FIRST YEAR	BMED 1100.....	BIOL 1102.....
	2	2
	BMED 2200.....	NURS 2261.....
	3	2
	MATH 1110.....	BMED 2400.....
3	3	
BMED 2100.....	BMED 2297.....	
3	4	
TOTAL	11	TOTAL
		11

Program Requirements:

15 credits

- BMED 1100 Introduction to Biomedical Devices/Industry 2
- BMED 2100 Design & Manufacturing in the Medical Device Industry 3
- BMED 2200 Introduction to Medical Device Regulations and Ethics 3
- BMED 2400* Introduction to Clinical Research 3
- BMED 2297** Field Experience & Seminar 4

Additional Requirements:

7 credits

- BIOL 1102 Medical Terminology 2
- MATH 1110* Introductory Statistics I 3
- NURS 2584* Pharmacology for Nurses & Related Health 2

Final Requirements:

- Overall GPA 2.0 or above
- 22 Program Credits (minimum)

TOTAL: _____

* It is recommended that all biomedical courses be completed prior to taking BMED 2297 Field Experience & Seminar.

* Course has a prerequisite. Prerequisites are listed on the course schedule and in the ARCC Catalog.

NOTE: The requirements of this program are subject to change without notice. You are encouraged to contact an academic advisor, Cambridge Campus 763.433.1840 or Coon Rapids Campus 763.433.1230, for course planning assistance and information about transfer credit evaluation.



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