Program Overview
The Biopharma Program provides online graduate level education to those individuals who seek to gain expertise or advanced job skills in such fields as Regulatory Affairs Professional, Clinical Research Associate, Clinical Research Coordinator, Drug Safety Officer, or a Clinical Data Manager, within the pharmaceutical industry.

Program Description
The Masters of Science in Clinical Trial Sciences (MSCTS) is a 36 credit online program consisting of a 9 credit core plus 27 credits of specialization courses and electives. Students select a track and develop a program plan in consultation with an academic advisor. Current specialization areas or tracks include the following:

- Regulatory Affairs
- Clinical Trial Management & Recruitment Sciences, or
- Clinical Trial Informatics
- Drug Safety & Pharmacovigilance

For current information regarding the specializations, please refer to the program website:

The Program culminates in a faculty-guided, self-directed graduate project or mentored fieldwork experience if qualify, designed to address a particular biopharma or clinical trial sciences issue or problem of interest to the student.

Student Expectations
Students are expected to maintain at least part-time status (3-6 credits minimally) each fall and spring semester. If for some reason the student is unable to do this he/she must complete a “Maintaining Matriculation/Leave of Absence Form and submit it to the Office of Enrollment Services. Failure to do so may result in dis-
enrollment from the program. Students enrolled in the MS have 5 years to complete the program and those enrolled in the certificates may take up to 3 years to finish. Please check out program requirements listed on our website.

Since this is a web-based program students are required to meet the minimum hardware/software requirements and internet access to include web browsing capability. The University does not provide these services, but does provide student with an e-mail address and access to its network, including the Rutgers Virtual Library with full-text research databases and the student Banner Web system. Students are also required to maintain a 3.0 overall GPA average.

*Full-time and Part-time status*
Students may attend either on a part-time or full-time status. Additionally, some students may decide to enroll in individual courses on a non-matriculated basis to achieve knowledge in one particular area or to make efficient course selections as they decide which track or certificate is appropriate. Students may be permitted to take up to 12 credits as a non-matriculant.

*Department Faculty*
Please see the department faculty under Health Informatics department/Newark campus.

*Primary Campus Location*
The program is web-based.

*Curriculum*
See database for program requirements and course descriptions and select your program:

*Mission/Goals/Objectives*
The goals and objectives of the program vary depending on track chosen but all students will be able to describe the drug development process, identify/edit elements of a protocol, and explain a variety of research designs. They will learn to apply ethical principles to the development and conduct of clinical trials, and interpret and summarize major regulatory documents in the U.S. and compare and contrast these with international regulations. Students will understand how to provide safe, competent clinical care to the participants in clinical trials.

*Admissions Requirements*
Applications are accepted for Fall, Spring and Summer Terms. Admission is offered on a rolling basis. Requirements for MS admissions include:
a completed application and applicable fee
official transcript of highest degree
two recommendations, preferably from professional
colleagues/supervisors or from course instructors (using forms provided
by and returned separately to the Office of Enrollment Services)
a personal statement of how the applicant expects to apply the degree to
his/her professional career goals
a current resume or curriculum vita

TOEFL test score and credentialed transcript if student has graduated from a non
US university. Requirements for admission into one of the Program’s certificates
is the same as for the MS degree except that only one letter of reference is
required. Certificate and Non-Matriculant applicants should apply via the
Biopharma Initiative website

G.P.A. minimum requirement/credentialing requirement:
The minimum GPA required for admissions is 3.
A science background preferred by not required

Additional Offerings
Four short term academic certificates (15 credits) are available in addition to the
MS degree. They are:

- Recruitment Sciences
- Regulatory Affairs
- Clinical Trial Informatics
- Drug Safety & Pharmacovigilance

For more information
For more information contact the Office of Enrollment Services at (973) 972-5336
or via e-mail. Additional programmatic information is available at the program
website.

For more specific information contact the program at:
Rutgers, The State University of New Jersey
Biopharma Educational Initiative
Barbara Gladson, PhD Program Director
65 Bergen Street
Newark, NJ 07107

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