Student ID #_____ **VCU** Date_____

Virginia Commonwealth University

# PRE-RADIATION SCIENCES PROGRAM 2008-09

This advising worksheet outlines the one-year pre-radiation sciences program requirements for application to the Department of Clinical Radiation Sciences, MCV Campus of VCU. At the time of application, (normally the fall of the freshman year), the student will be able to indicate their choice of program: Nuclear Medicine Technology, Radiography, or Radiation Therapy. All three of these programs require the same prerequisite courses listed below. Students are encouraged to also apply to professional programs at other institutions.

NAME_____

| Writing | Credits | Grade |
|---|---|---|
| UNIV 111 Focused Inquiry I<br>(If you are not required to take UNIV 111, you must take an additional ENGL writing course after ENGL 200) | | |
| UNIV 112 Focused Inquiry II<br>(C or better required) | | |

| Math and Statistical Reasoning: | | |
|---|---|---|
| MATH 141 Algebra with Applications | | |

| Introduction to Psychology: | | |
|---|---|---|
| PSYC 101 Introduction to Psychology | | |

| General Biology: A grade of "C" or better is required in each before enrolling in other BIOL courses. | | |
|---|---|---|
| BIOL 101 Biological Concepts | | |
| BIOZ 101L Biological Concepts Lab | | |

| Human Anatomy and Physiology | | |
|---|---|---|
| BIOL 205 Basic Human Anatomy<br>(prerequisite: C or better in BIOL 101 and BIOZ 101) | | |
| PHIS/BIOL 206 Human Physiology<br>(prerequisite: C or better in BIOL 101 and BIOZ 101) | | |
| PHIZ/BIOZ 206L Human Physiology Lab<br>(pre or co-requisite: PHIS/BIOL 206) | | |

| Foundations of Physics: | | |
|---|---|---|
| PHYS 101, OR 201 and 202 | | |
| PHYZ 101L (lab is included for PHYS 201 & 202) | | |

| Humanities: Students may take any humanities course to fill this requirement, but it is recommended students select a course from this list of University core curriculum requirements below. | | |
|---|---|---|
| ENGL 215 Readings in Literature<br>HIST 201 The Art of Historical Detection<br>HUMS 250 Reading Film<br>PHIL 201 Critical Thinking About Moral Problems<br>WRLD 203 Cultural Texts and Contexts<br>WRLD 230 Introduction to World Cinema | | |
| Course Taken | | |

| Electives: No elective credits are required, but CLRS 101, V&P Art, HPEX 250, and STAT 210 are highly recommended. | Credits | Grade |
|---|---|---|
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This program can be completed in one academic year, as indicated below, but requires a high degree of competency in mathematics (in order to do the physics):

| Fall Semester | Spring Semester | |
|---|---|---|
| | Lit and Civ | 3 |
| UNIV 111 - 3 | PSYC 101 - | 4 |
| MATH 141 - 3 | BIOL 205 - | 2 |
| BIOL 101 - 3 | BIOZ L205 - | 2 |
| BIOZ L101 - 1 | PHYS 206 - | 3 |
| PHYS 101 - 3 | PHYZ L206- | 1 |
| PHYZ L101- 1 | UNIV 112 | 3 |
| CLRS 101 - 1 | 18 credits | |
| 17 credits | | |

Many students will require an additional year of study. Useful courses that can be taken during a second year of study include: STAT 210, CHEM 101, 102, CHEZ L101- L102 (if applying for nuclear medicine).