RIT University Studies
Office of Pre-Health Professions

- Required professional exams [average score of accepted students] • GPA -- Min GPA to apply/avg accepted GPA
- Prerequisite Courses listed below are generally required to apply to the various health profession graduate programs
- Patient Care/Clinical hours include volunteering, shadowing and working; some examples: CNA, PCT, pharm tech, scribe, dental or vet assistant, and EMT
- **Bold** = required. Normal Text = sometimes required, highly recommended and/or *subject on standardized exam
- Minimum requirements • BIOL101/103, 102/104 • CHMG141/145, 142/146 • CHMO231/235, 232/236 • PHYS111, 112

**Pre-Medical** – MCAT* exam required
Absolute minimum of 160 patient care hours
Allopathic (MD) MCAT: [512] • GPA: 3.0 / 3.7
Osteopathic (DO) MCAT: [504] • GPA: 3.0 / 3.56
1 year Biology*
2 years of Chemistry (General* & Organic*)
1 year Physics*
1 semester Calculus and/or Statistics
1 year English*
1 semester of Biochemistry*
1 semester of Intro Psychology*
1 semester of Intro Sociology*

**Pre-Physician Assistant** –
GRE or PACAT exams sometimes required
Up to 2000 patient care hours in some cases
GPA: 3.0 / 3.6
2 years Biology including Microbiology
1 year of Human Anatomy & Physiology
1 year of General Chemistry
1 semester of Organic or Biochemistry
1 year English
1 year Humanities/Social science (Psychology)
1 semester Statistics

**Pre-Optometry** – OAT* exam required
60 clinical hours recommended. GPA: 3.0 / 3.5
1 year Biology*
2 years of Chemistry (General* & Organic*)
1 year of Math (College Math, Statistics or Calculus)
1 year Physics*
1 year English*
1 Semester Microbiology
1 Semester Psychology
1 Semester Organic and 1 Semester Biochemistry

**Pre-Podiatry** – MCAT* exam required
100 clinical hours recommended. GPA: 3.0 / 3.4
1 year Biology*
2 years of Chemistry (General* & Organic*)
1 year Physics*
1 year English*

**Pre-Chiropractic** – No Exam required
60 clinical hours recommended
GPA: 2.75 / 3.45
90 total credit hours with a minimum of 24 hours in life/physical science courses, half must include labs

**Pre-Dentistry** – DAT* exam required
200 clinical hours, GPA: 3.0 / 3.5
1 year Biology*
2 years of Chemistry (General* & Organic*)
1 year Physics
1 Year English*
1 semester of Biochemistry

**Pre-Pharmacy** – PCAT* exam required
GPA: 2.5 / 3.32
1 year of Biology*
1 semester of Calculus and 1 Semester of Statistics
2 years of Chemistry (General* and Organic*)
1 semester General Physics
1 semester of Microeconomics
1 semester of Public Speaking
1 Year English
2 Years social/behavioral science
1 Year of Anatomy & Physiology

**Pre-Physical Therapy** – GRE and clinical hours recommended plus First Aid and CPR certification
GPA: 3.0 / 3.5
1 year Biology
1 year of Anatomy & Physiology
1 year General Chemistry
1 year Physics

**Pre-Nursing** – most accelerated Bachelors in Nursing (BSN)
GPA: 2.8 / 3.7
1 year Human Anatomy & Physiology
1 semester of Microbiology
1-3 semesters of Developmental Psychology
1 semester of Statistics
1 year General Chemistry
1 semester of Sociology

**Pre-Veterinary** – Sometimes GRE is required, 1000 clinical hours including large and small animal experience needed
GPA: 3.0 / 3.54
1 year Biology plus
1 semester of Microbiology, Immunology, Physiology or Genetics
1 year General Chemistry and 1 semester of Organic
1 year Physics
1 semester of Biochemistry (full year with lab preferred)
1 year English Composition or Writing Intensive Course

*Please NOTE: Specific requirements may vary for different programs.*
Dr. C, Director Pre-Health Professions, is here to help all students prepare to apply to professional school!

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