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Post-Baccalaureate Programs Fact Sheet

Why would I pursue a Post-Bacc Program?

A number of schools offer post-baccalaureate (post-bacc) pre-medical and pre-dental programs to assist students to pursue a medical career after they have already received a Bachelor's degree.

The purposes of these programs vary. Some are designed for **persons wishing to change careers**. These individuals have not yet completed the science courses required for medical or dental school application. Other programs are designed for **persons wishing to enhance an existing academic record**. These students have taken the requisite courses, but need to improve their GPAs to increase the competitiveness of their medical or dental school applications. Still other programs are specifically designed to assist persons from groups currently **underrepresented in medicine** or from **educationally or economically disadvantaged backgrounds**. Some programs may provide a second degree, certificate, or Master's Degree. Others may offer direct acceptance into an associated medical school if requirements are met. Therefore, it is important to research programs thoroughly.

Where can I find additional information about Post-Bacc Programs?

- The Association of American Medical Colleges (AAMC) shares [seven benefits of a Post-Bacc program](#)
- You can [search for Post-Bacc programs](#) on the Association of American Medical Colleges (AAMC) website
- The American Dental Education Association (ADEA) also provides [information on Post-Bacc programs](#)
- See the back of this sheet for an initial list of programs

What classes do I need to pursue a Post-Bacc Program?

The classes you need depend on the type of program you are pursuing. If you are looking for **career changer** programs, then your Bachelor's degree and undergraduate course work can be in any area.

If you are looking for a **record enhancer** program, then you typically will need to complete the general prerequisites for medical or dental schools, which include the courses in the box below.

The following courses are strongly recommended as preparation for the MCAT and Medical School (for record-enhancer Post-Bacc Programs):

BIO 120: General Biology I	PHY 221: General Physics II
BIO 355: Human Genetics OR	CHM 115: Principles of Chemistry I
BIO 375/376 Plant, Animal & Human Genetics w/Lab	CHM 116: Principles of Chemistry II
BMS 208: Human Anatomy	CHM 241: Organic Chemistry for Life Sciences I
BMS 309: Laboratory in Human Anatomy (Cadaver)	CHM 242: Organic Chemistry for Life Sciences II
BMS 212/213: Introductory Microbiology w/lab	CHM 461: Biochemistry I
BMS 290/291: Human Physiology w/lab	PSY 101: Introductory Psychology
PHY 220: General Physics I	SOC 201: Introduction to Sociology

Other suggested courses:

BIO 328, CMB 405, BMS 450, BMS 410, CIS 150, COM 201, STA 215, more PSY/SOC courses

Please note that prerequisites may vary from school to school. Research to make sure that you have met the prerequisites for the medical schools to which you intend to apply. See your faculty advisor or an advisor in the CLAS Academic Advising Center for assistance in choosing elective courses.

Prerequisite courses typically require a C or better grade.

What entrance exam is required and what GPA do I need for Post-Bacc Programs?

Requirements vary from school to school, so it is important to research programs to learn about their requirements. Typically, most are looking for students to have around a 3.0 undergraduate GPA. Some **record enhancer** programs require MCAT, DAT or GRE scores; some do not.

Post-Bacc Programs & Master's Programs to be used as Post-Bacc

Record Enhancer Programs

- Grand Valley State University's [MHS in Biomedical Sciences](#)
- Albion College, [Post-Baccalaureate Certificate in Premedical Studies](#)
- Arizona College of Osteopathic Medicine of Midwestern University [MS of Biomedical Sciences](#)
- AT Still University, Kirksville College of Osteopathic Medicine's [MS of Biomedical Sciences](#)
- Barry University's [MS in Biomedical Sciences](#)
- Boston University's [MS in Oral Health Sciences](#)
- Case Western Reserve University's [MS in Medical Physiology](#)
- Chicago College of Osteopathic Medicine of Midwestern University [MS in Biomedical Sciences](#)
- Drexel University College of Medicine's [Interdepartmental Medical Science Program](#)
- Eastern Mennonite University's [MA in Biomedicine](#)
- Edward Via College of Osteopathic Medicine's [Post-Bacc Pre-Med Program](#)
- Georgetown University's [MS in Physiology](#)
- Georgetown University and George Mason University's [Certificate in Advanced Biomedical Sciences](#)
- Iowa State University 1-year [MS in Biomedical Sciences](#)
- Lake Erie College of Osteopathic Medicine's [MS of Medical Science](#)
- Lincoln Memorial University's [MS in Anatomical Sciences](#)
- Loyola University Chicago's [MA in Medical Sciences](#)
- Marian University Indianapolis' [MS in Biomedical Sciences](#)
- Midwestern University [MA or MBS](#) in Biomedical Sciences
- Oakland University's [Certificate in Biomedical Sciences](#)
- Southern Illinois University's [MEDPREP Program](#)
- Temple University, Lewis Katz School of Medicine's [Advanced Core in Medical Science Program](#)
- University of Michigan's [MS of Physiology](#)
- University of Pennsylvania's [Pre-Health Specialized Studies Program](#)
- University of Vermont's [MA in Medical Science](#)
- University of Wisconsin-Milwaukee [Non-Thesis MS in Biology Science Program](#)
- Wayne State's [MS in Basic Medical Sciences](#)

Career Changer Programs

- Brandeis University's [Post-Bacc Premedical Program](#)
- Columbia University's [Post-Bacc Premed Program](#)
- Drexel University College of Medicine's [Pre-Medical \(PMED\) Program](#)
- Georgetown University's [Post-Bacc Pre-Med Certificate Program](#)
- George Washington University's [Post-Bacc Pre-Medicine Certificate Program](#)
- Loyola University Chicago's [Post-Bacc Pre-Health Program](#)
- Mount Holyoke's [Post-Bacc Pre-Medical Program](#)
- North Park University Chicago [Post-Bachelor's Second Degree Program in Medical Studies](#)
- Scripps College [Post-Bacc Premedical Program](#)
- Temple University, Lewis Katz School of Medicine's [Basic Core in Medical Science Program](#)
- University of California, Irvine Ayala School's [Post-Bacc Premedical Program](#)
- University of Colorado Boulder's [Post-Bac Pre-Medical Program](#)
- University of Louisville [Post-Bacc Pre-Med Program](#)
- University of Michigan's [MEDPREP](#)
- University of Pennsylvania's [Pre Health Core Studies Program](#)
- University of Vermont's [Post-Bacc Premedical Program](#)

Alternative Career Programs

- Case Western's [Anesthesiology Assistant Program](#)
- Eastern Michigan University's [Orthotics & Prosthetics Program](#)
- University of Michigan's [Genetic Counseling Program](#)
- Wayne State's [Genetic Counseling Program](#)

Research Programs

- Grand Valley State University's [Professional Science Master's Program \(PSM\)](#)
- Grand Valley State University's [Cell & Molecular Biology Master's Program](#)
- University of Michigan's [Post-Bacc Research Program \(PREP\)](#)
- University of Michigan's [Program in Biomedical Sciences \(PIBS\)](#)