

7-year Accelerated Medical Program Course Outline (first three years) for Fall 2009 Admits

NOTE: Students who enter USF with AP scores of 5 or IB scores of 7 in any of the math or science requirements are eligible to waive the corresponding courses; HOWEVER, it is strongly encouraged that students retake these courses at the university level. Many Colleges of Medicine across the country do NOT accept AP, IB or Dual Enrollment credit.

Dual Enrollment credits in Calculus and Statistics are acceptable provided that the student earned a grade of 'A'. A student may receive Dual Enrollment credit for up to one year of Chemistry or Biology or Physics (including the labs) provided the student earned a grade of 'A' in the lectures and labs.

Year 1, Fall semester: 14 credit hours

ENC 1101 English I (3 credits)

IDH 2010 Acquisition of Knowledge (3 credits)

MAC 2241 Life Sciences Calculus I, **MAC 2281** Engineering Calculus I or **MAC 2311** Calculus I (4 credits)

CHM 2045/CHM 2045L General Chemistry I & lab (note: must take prior to or with BSC 2010/L) (4 credits)

Spring semester: 16 credit hours

ENC 1102 English II (3 credits)

IDH 3100 Honors Arts & Humanities (optional if not needed to fulfill Foundation of Knowledge)(3 credits)

CHM 2046/CHM 2046L General Chemistry II & lab (4 credits)

BSC 2010/BSC 2010L Biology I, Cellular Processes & lab (4 credits)

Elective – at least 2 credit hours

Summer semester: 8 credit hours

BSC 2011/BSC 2011L Biology II, Diversity & lab (4 credits)

STA 2023 Introductory Statistics (4 credits)

Year 2, Fall semester: 14 credit hours

CHM 2210 Organic Chemistry I (3 credits)

PHY 2053/PHY 2053L General Physics I & lab (4 credits)

PCB 3063/3063L General Genetics & lab (4 credits)

(Note: CHM 2046/2046L are prerequisites to PCB 3063)

IDH 3400 Honors Social Sciences (optional if not needed to fulfill Foundation of Knowledge)(3 credits)

Spring semester: 16 credit hours

CHM 2211 Organic Chemistry II (3 credits)

CHM 2210L Organic Chemistry I lab (2 credits)

PHY 2054/PHY 2054L General Physics II & lab (4 credits)

IDH 3600 Honors Biomedical Ethics (section info will be available on the Honors website)(3 credits)

IDH 4200 Honors Geo. Perspectives (optional if not needed for Foundation of Knowledge) (3 credits)

Summer semester: 7-12 semester hours

Foreign language (see advisor for details)

CHM 2211L Organic Chemistry II lab (2 credits) (offered in summer B)

Year 3, Fall semester: 15 credit hours

BSC 2093C Human Anatomy & Physiology I with lab ** (4 credits)

MCB 3020C: General Microbiology & lab (PCB 3063 is recommended prior to taking MCB 3020C) (note: CHM 2210/L are prerequisites to MCB 3020C) (4 credits)

IDH 4000 Honors Major Works/Major Issues (4 credits)

IDH 5975 Honors Thesis (Laboratory Research Requirement) (3 credits)

Spring semester: 16 credit hours

BSC 2094C Human Anatomy & Physiology II with lab ** (4 credits)

PCB 3023 Cell Biology (3 credits)

BCH 3023 Introductory Biochemistry (note: CHM 2211 is a prerequisite to BCH 3023) (3 credits)

IDH 5975 Honors Thesis (Laboratory Research Requirement) (3 credits)

IDH 4930 Seminars in Medicine (3 credits)

** The two semester A&P sequence is preferred by the College of Medicine. However, they are willing to accept PCB 3712/3713L (General Physiology and lab) as a substitute for BSC 2093C/2094C.

USF 7-year Accelerated Medical Program Requirements (first three years)

In order to officially apply to the 7-year medical during the summer between the second and third year at USF, all students must complete the courses outlined on the previous page and satisfy all requirements listed below.

Please note: *students who meet these benchmarks are not guaranteed acceptance into the 7-year program. The decision will be made by the College of Medicine following the formal interview.*

Program GPA Requirements

Students must present a **USF GPA and an Overall GPA of 3.6** in the science/math courses and a **3.6 in all other coursework** at the completion of the first spring term.

Students must present a **USF GPA and an Overall GPA of 3.7** in the science/math courses and a **3.7 in all other coursework** at the completion of the second year summer term.

Students must present a **USF GPA and an Overall GPA of 3.7** in the science/math courses and a **3.7 in all other coursework** at the completion of third year summer term (and fourth year if students have been accepted and elected to complete the 4+4 program).

Please note: All course attempts are considered. Grade forgiveness is not applicable.

College of Medicine Advising Session

Eligible students will complete an advising session with two members of the USF College of Medicine at the end of the first year. Students must present a 3.6 (without the use of grade forgiveness) overall, USF and science/math GPA, for referral to the College of Medicine for the session.

Interpersonal Communications Skills Workshop

All students who are following the 7-year track are strongly encouraged to complete an Interpersonal Communications Skills workshop during their first year in the program. The Honors 7-year advisors will provide specific information and dates for these workshops.

Medical experience required*

Students must complete a minimum of 60 contact hours of approved medical experience, such as spending time in an emergency room or clinic, or shadowing a physician while he or she is seeing patients. Prior approval by student's pre-professional advisor is required.

Community service required*

Students must complete a minimum of 60 contact hours of community service. Community service hours may be medically or non-medically based.

****Please Note:*** *20 of the medical experience or community service volunteering hours must be completed prior to the COM advising session at the end of the first year.*

MCAT requirement

The MCAT must be completed no later than July 1 of the application year. It is recommended that students register to take the MCAT in May or June following the sophomore year.

In order to formally apply to the 7-year program, students must earn a minimum MCAT score of 30, with no individual sub-score less than 8.

Formal Application to the 7-year Program

Eligible students will complete the USF College of Medicine Early Admission application through the American Medical College Application Service (AMCAS). An AMCAS application and all transcripts must be on file in Washington, D.C., prior to August 1 of the year of application. Interviews will be completed in September and students will be informed of an admission decision no later than October 1 of the third year.

Students accepted through the Early Decision program are committed to attend medical school at USF (students are not permitted to apply elsewhere unless they are denied admission to USF).

Students must be U.S. citizens or permanent residents of the United States (holding a green card) to be eligible to apply for admission to the USF College of Medicine.

Faculty Recommendations (due by August 15th of the application year)

Students must submit to the College of Medicine a total of three letters of recommendation: one from an Honors College 7-year medical advisor and two evaluations from USF faculty (science faculty preferred). Students are encouraged to contact science faculty about letters of recommendation no later than the spring term of second year. The deadline to request letters of recommendation from Honors College advisors is July 15.

Successful Formal Interview with the USF College of Medicine

The Medical Student Selection Committee will focus on students' conversational skills, motivation for a career in medicine, and general knowledge of issues facing physicians and the profession. Please note that the interview is as critical as earning the specified grade point average and MCAT score. Formal interviews will take in September of the third year of the program.

Admission to the 7-year Program

Students who are admitted to the 7-year program after fulfilling all program benchmarks and participating in a successful formal interview, will be given the following options: to enter the USF College of Medicine in the fall of their fourth year OR to defer admission until the fifth year (in this case, students would complete the remaining program requirement and the bachelor's degree; provided the 3.7 GPAs are earned, placement is guaranteed in the fifth year).

Please Note: Regardless of when students matriculate to the USF College of Medicine, the Early Decision contract is binding.

Thesis/Research requirement: 6 Credit Hours

Students will participate in a two-semester clinical or laboratory-based research project (Honors Thesis, IDH 5975) under the mentorship of a USF faculty member as part of the Honors College curriculum. Biomedical research is preferred.

Honors requirements (additional Honors College courses may be taken to meet any remaining Foundation of Knowledge requirements, if needed)

IDH 2010 *Acquisition of Knowledge*

IDH 3600 *Biomedical Ethics* (specific section information will be available on the Honors website)

IDH 4000 *Major Works/Major Issues*

IDH 4930 *Seminars in Medicine* (taken during the spring term of the third year)

IDH 5975 *Research Thesis* (taken twice)

Please note: 7-year students must satisfy all USF Foundation of Knowledge requirements.