

Health-Related Occupations

Suggested Courses

Dentistry

The following are suggested courses based on what some schools require/suggest. There are several other specific prerequisite courses you must complete to be considered for Dental school. Students are responsible for consulting the individual schools they are interested in attending to ensure they have the most accurate and complete list of required courses.

Dentistry suggested course list:

- CHEM 102—General Chemistry I—3 hours
and
CHEM 103—General Chemistry Lab 1—1 hour
- CHEM 104—General Chemistry II—3 hours
and
CHEM 105—General Chemistry Lab II—1 hour
- CHEM 232—Elementary Organic Chemistry I—3 hours
- CHEM 233—Elementary Organic Chem Lab I—2 hours
- CHEM 332—Elementary Organic Chem 2—3 hours OR 436
- IB 150/151—Organismal and Evolutionary Biology w/lab—5 hours
- MCB 150—Molec & Cellular Basis of Life—4 hours
and
MCB 151 Molecular and Cellular Laboratory—1 hour
- MCB 250—Molecular Genetics—3 hours
- PHYS 101—College Physics, Mech & Heat—5 hours
and
PHYS 102—College Physics, E&M and Modern—5 hours

NOTE: Some schools may require Biochemistry (MCB 450 or 354), courses in Psychology, Economics, Statistics, Accounting, Calculus, as well as Anatomy and Physiology, among others. Students are reminded that it is their responsibility to check with the schools to which they plan to apply regarding course requirements and application criteria.

Medicine

The following are suggested courses based on what some schools require/suggest. There are several other specific prerequisite courses you must complete to be considered for Medical school. Students are responsible for consulting the individual schools they are interested in attending to ensure they have the most accurate and complete list of required courses.

Medicine suggested courses list

- IB 150—Organismal & Evolutionary Biology
and
IB 151—Organismal & Evol Biology Lab
- MCB 150—Molec & Cellular Basis of Life—4 hours **and**
MCB 151—Molecular and Cellular Laboratory—1 hour

- CHEM 102—General Chemistry I 3 hours
and
CHEM 103—General Chemistry Lab 1—1 hour
- CHEM 104—General Chemistry II—3 hours
and
CHEM 105—General Chemistry Lab II—1 hour
- CHEM 232—Elementary Organic Chemistry I—3 hours
- CHEM 233—Elementary Organic Chem Lab I—2 hours
- PHYS 101—College Physics, Mech & Heat—5 hours
and
PHYS 102—College Physics, E&M and Modern—5 hours

NOTE: Some schools may require Biochemistry (MCB 450 or 354) or an advanced level course in Biology, Physiology, Mammalian Histology, Comparative Vertebrate Anatomy, or Molecular Genetics, as well as courses in Psychology and Calculus, among others. Students are reminded that it is their responsibility to check with the schools to which they plan to apply regarding course requirements and application criteria.

Nursing

The following are suggested courses based on what some schools require/suggest. There are several other specific prerequisite courses you must complete to be considered for Nursing school. Students are responsible for consulting the individual schools they are interested in attending to ensure they have the most accurate and complete list of required courses.

Nursing suggested courses list

- MCB 100—Introductory Microbiology—3 hours
- MCB 103—Human Physiology—3 hours
and
MCB 104—Human Physiology with lab—1 hour
- MCB 334—Human Anatomy—5 hours
- CHEM 102—General Chemistry I—3 hours
and
CHEM 103—General Chemistry Lab I—1 hour
- CHEM 104—General Chemistry II—3 hours
and
CHEM 105—General Chemistry Lab II—1 hour
- FSHN 120—Contemporary Nutrition—3 hours
- HDFS 105—Intro to Human Development—3 hours

NOTE: University of Illinois at Urbana-Champaign does not have a Nursing program but University of Illinois at Chicago (UIC) offers a Nursing program on our campus. Students can apply to UIUC and come in as undecided, take required course work, then apply to the Bachelor of Science in Nursing (BSN) Program. RN is a license rather than a degree. Whether you choose to pursue a four-year BSN or a two-year Associate degree (usually at a community college), you must take the licensing exam to become a registered nurse (RN). Students are reminded that it is their responsibility to check with the schools to which they plan to apply regarding course requirements and application criteria.

Occupational Therapy

The following are suggested courses based on what some schools require/suggest. There are several other specific prerequisite courses you must complete to be considered for Occupational

Therapy school. Students are responsible for consulting the individual schools they are interested in attending to ensure they have the most accurate and complete list of required courses.

Occupational Therapy suggested courses list

- MCB 103—Intro to Human Physiology—4 hours
and
MCB 104—Intro to Human Physiology Lab—1 hour
- MCB 334—Anatomy—5 hours

Choose two Biology courses. Select from:

- IB 150—Organismal & Evolutionary Biology
and
IB 151—Organismal & Evol Biology Lab—5 hours
- IB 104—Animal Biology
- MCB 150—MCB 150—Molec & Cellular Basis of Life—4 hours
and
MCB 151—Molec & Cellular Laboratory—5 hours
- PSYC 216—Child Psychology—3 hours
- PSYC 238—Abnormal Psychology—3 hours

NOTE: Among other course work, some schools may require courses in general Chemistry (CHEM 102/103, 104/105), general Biology, and/or Physics as well as classes in Psychology, Sociology, Anthropology, Statistics, and knowledge in medical terminology. Students are reminded that it is their responsibility to check with the schools to which they plan to apply regarding course requirements and application criteria.

Physical Therapy

The following are suggested courses based on what some schools require/suggest. There are several other specific prerequisite courses you must complete to be considered for Physical Therapy school. Students are responsible for consulting the individual schools they are interested in attending to ensure they have the most accurate and complete list of required courses.

Physical Therapy suggested courses list

- CHEM 102—General Chemistry I—3 hours
and
CHEM 103—General Chemistry Lab I—1 hour
- CHEM 104—General Chemistry II—3 hours
and
105—General Chemistry Lab II—1 hour
- MCB 103—Intro to Human Physiology—4 hour
and
MCB 104—Intro to Human Physiology Lab—1 hour
MCB 334—Anatomy—5 hours
- PHYS 101—College Physics, Mech & Heat—5 hours
and
PHYS 102—College Physics, E&M & Modern—5 hours)

Choose two Biology courses. Select from:

- IB 150—Organismal & Evolutionary Biology
and
IB 151—Organismal & Evol Biol Lab—5 hours
- IB 104—Animal Biology
- MCB 150—Molec & Cellular Basis of Life
and
MCB 151—Molec & Cellular Laboratory—5 hours

NOTE: Among other course work, some schools may require classes in Psychology, Statistics, Calculus and knowledge in medical terminology. Students are reminded that it is their responsibility to check with the schools to which they plan to apply regarding course requirements and application criteria.

Physician's Assistant

The following are suggested courses based on what some schools require/suggest. There are several other specific prerequisite courses you must complete to be considered for a Physician Assistant program. Students are responsible for consulting the individual schools they are interested in attending to ensure they have the most accurate and complete list of required courses.

Physician's Assistant suggested courses list

- IB 150—Organismal & Evolutionary Biology
and
IB 151—Organismal & Evol Biology Lab—5 hours
- MCB 150—Molec & Cellular Basis of Life
and
MCB 151—Molecular and Cellular Laboratory—5 hours
- MCB 103—Intro to Human Physiology—4 hour
and
MCB 104—Intro to Human Physiology Lab—1 hour
- MCB 334—Anatomy—5 hours
- CHEM 102—General Chemistry I—3 hours
and
CHEM 103—General Chemistry Lab I—1 hour
- CHEM 104—General Chemistry II—3 hours
and
CHEM 105—General Chemistry Lab II—1 hour
- CHEM 232—Elementary Organic Chemistry I—3 hours
- CHEM 233—Elementary Organic Chem Lab I—2 hours

NOTE: Among other course work, some schools may require a course in Biochemistry (MCB 450 or 354), Microbiology (with lab), Psychology and/or Sociology, Statistics, Physics, and Calculus. Students are reminded that it is their responsibility to check with the schools to which they plan to apply regarding course requirements and application criteria.