

PRE-PROFESSIONAL (MEDICINE, CHIROPRACTIC, DENTISTRY, PHARMACY, VETERINARY) - TRANSFER MAJOR

Faculty Advisers

Pre-Medicine

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Pre-Chiropractic and Pre-Pharmacy

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Pre-Dentistry

Dr. Michael Russell: 503-491-7348 | Room AC2568
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Pre-Veterinary

Dr. Elizabeth Cohen: 503-491-6012 | Room AC2566
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If your career plans include becoming one of the following, this is the major for you!

- Doctor (MD, OD)
- Pharmacist (PharmD, RPh)
- Veterinarian (DVM)
- Dentist (DMD, DDS)
- Chiropractor (DC)

Students will need to take courses in biology, chemistry, and physics for these majors. After completing an AS or AST in Biology, students will need to transfer to a four-year college and complete a bachelor's degree. Then, students will follow steps to apply for their choice of med school, vet school, etc.

There are many options that allow students to pursue one of the careers above. For example, students who want to attend med school could major in math, science, and more. Those who want to attend vet school can also choose those majors, but could also opt for zoology, animal science, or wildlife biology. Students should work with an adviser to make a plan on which courses to take.

For students interested in pursuing Health Professions careers such as Nursing (RN), Dental Hygiene, Surgical Technologist, Respiratory Care, etc., please visit the AGS in Health Professions Exploration (<https://catalog.mhcc.edu/degree-certificate-requirements/ags-health-professions-exploration/>) degree page.

MHCC's Science and Math divisions provide courses that are required by many schools, including:

Principles of Biology

Code	Title	Credits
BI211	Principles of Biology I	5
BI212	Principles of Biology II	5
BI213	Principles of Biology III	5

General Physics

Code	Title	Credits
PH201	General Physics I	5
PH202	General Physics II	5
PH203	General Physics III	5

General Physics with Calculus

Code	Title	Credits
PH211	General Physics with Calculus I	5
PH212	General Physics with Calculus II	5
PH213	General Physics with Calculus III	5

General Chemistry

Code	Title	Credits
CH221	General Chemistry I	5
CH222	General Chemistry II	5
CH223	General Chemistry III	5

Organic Chemistry

Code	Title	Credits
CH241	Organic Chemistry I	5
CH242	Organic Chemistry II	5
CH243	Organic Chemistry III ¹	5

¹ Counts as the 300-level Organic Chemistry sequence at Oregon public universities with acceptable score on ACS National Exam and minimum of C or better in each course.

Anatomy and Physiology

Please note that some universities require a 300-level anatomy sequence; check with your transfer institution before enrolling in this sequence.

Code	Title	Credits
BI231	Human Anatomy and Physiology I ★	4
BI232	Human Anatomy and Physiology II ★	4
BI233	Human Anatomy and Physiology III ★	4

Calculus and Linear Algebra

Code	Title	Credits
MTH251	Calculus I: Differential Calculus	5
MTH252	Calculus II: Integral Calculus	5
MTH253	Calculus III	4
MTH254	Calculus IV: Multivariable/Vector Calculus Part 1	5
MTH255	Calculus V: Multivariable/Vector Calculus Part 2	4
MTH256	Differential Equations	5
MTH261	Linear Algebra	4

Transfer Schools

- Eastern Oregon University (<https://www.eou.edu/prepro/>)
- Oregon Health Sciences University (<http://www.ohsu.edu/xd/education/>)
- Oregon State University (<http://health.oregonstate.edu/advising/pre-health-professions/>)
- Oregon Tech (<http://www.oit.edu/academics/degrees/health-sciences/pre-professional/>)
- Pacific University - PharmD Bridge Program (<https://www.pacificu.edu/pharmacy/admissions/bridge-programs/>)
- Portland State University (<https://www.pdx.edu/pre-health/>)
- Southern Oregon University (<https://inside.sou.edu/biology/advising/undergrad.html>)
- University of Oregon (<https://healthprofessions.uoregon.edu/>)
- University of Western States - Doctor of Chiropractic (<https://www.uws.edu/doctor-of-chiropractic/>)
- Western Oregon University (<http://www.wou.edu/advising/pre-professional-studies/>)

Explore more about the career options, salaries, and education requirements for the professional degree track.

Chiropractic:

- Chiropractors (<https://mhcc.lightcastcc.com/careers/chiropractor/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)

Veterinary:

- Veterinarians (<https://mhcc.lightcastcc.com/careers/veterinarian/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)

Dentistry:

- Dentists, General (<https://mhcc.lightcastcc.com/careers/dentist-general/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Orthodontists (<https://mhcc.lightcastcc.com/careers/orthodontist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Prosthodontists (<https://mhcc.lightcastcc.com/careers/prosthodontist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)

Medicine:

- Family Medicine Physicians (<https://mhcc.lightcastcc.com/careers/family-medicine-physician/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- General Internal Medicine Physicians (<https://mhcc.lightcastcc.com/careers/general-internal-medicine-physician/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Pediatricians, General (<https://mhcc.lightcastcc.com/careers/pediatrician-general/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Sports Medicine Physicians (<https://mhcc.lightcastcc.com/careers/sports-medicine-physician/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)

- Psychiatrists (<https://mhcc.lightcastcc.com/careers/psychiatrist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Urologists (<https://mhcc.lightcastcc.com/careers/urologist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Neurologists (<https://mhcc.lightcastcc.com/careers/neurologist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Allergists and Immunologists (<https://mhcc.lightcastcc.com/careers/allergist-and-immunologist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Obstetricians and Gynecologists (<https://mhcc.lightcastcc.com/careers/obstetrician-or-gynecologist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Pediatric Surgeons (<https://mhcc.lightcastcc.com/careers/pediatric-surgeon/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Radiologists (<https://mhcc.lightcastcc.com/careers/radiologist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Podiatrists (<https://mhcc.lightcastcc.com/careers/podiatrist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Preventive Medicine Physicians (<https://mhcc.lightcastcc.com/careers/preventive-medicine-physician/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Physical Medicine and Rehabilitation Physicians (<https://mhcc.lightcastcc.com/careers/physical-medicine-or-rehabilitation-physician/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Ophthalmologists, Except Pediatric (<https://mhcc.lightcastcc.com/careers/ophthalmologist-except-pediatric/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Orthopedic Surgeons, Except Pediatric (<https://mhcc.lightcastcc.com/careers/orthopedic-surgeon-except-pediatric/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)
- Anesthesiologists (<https://mhcc.lightcastcc.com/careers/anesthesiologist/?region=Greater%20Multnomah%20County%20Area&radius=100%20miles>)

★ Course offered online

🌐 Cultural Literacy course