Cooperative Doctor of Chiropractic Masters of Science in Biology Degree Program

The Texas Chiropractic College (TCC) and UHCL have established a cooperative D.C./M.S. degree program. Students meeting the requirements (see below) may apply to enter the cooperative D.C./M.S. program. This program provides students with the opportunity to earn a clinical doctorate degree while gaining theoretical knowledge and practical experience in the biological sciences. Students wishing to participate in this cooperative program must be accepted into both the TCC D.C. program and the graduate program in Biological Sciences at UHCL. Upon completion of the cooperative program the degrees of Doctor of Chiropractic and Master of Science in Biology will be conferred by the Texas Chiropractic College and UHCL, respectively.

Entry Requirements to participate in Cooperative D.C./M.S. Program:

- Independent admission to TCC and the M.S. degree program at UHCL.
- Earn passing grades in all Tri-1 through Tri-5 courses at TCC.
- Prior to enrollment in the cooperative program, the student must earn a Bachelor’s degree or have earned TCC’s Bachelor of Science (B.S.) degree in Human Biology (at the completion of Tri-5).
- Earn a TCC GPA of 3.0 or higher at the time of application to the program.
- All students who apply to the cooperative D.C./M.S. program are required to follow all UHCL academic standards and policies in addition to those of TCC as well as complete the UHCL application forms and fees.
- Copies of the student’s official TCC transcripts showing conferred B.S. degree will be made available for the Biological Sciences graduate department at UHCL.
- Upon acceptance into the program students must maintain a 3.0 or better GPA at UHCL. Earning a C at UHCL will result in academic probation in accordance with UHCL policies, which could ultimately result in their dismissal from the M.S. program.
- The GRE Exam will not be required for admission to the cooperative degree program.

Students enrolled in the cooperative D.C./M.S. program will complete a total of 36 hours of advanced courses in the M.S. program at UHCL as detailed below. The required foundation courses for admission to the Biology M.S. degree program [BIOL 3431 (Genetics), BIOL 4431 (Biochemistry), MATH 3038 (Computational Statistics), BIOL 3231 Microbiology, BIOL 4437 Cellular Physiology, and BIOL 4435 (Human Physiology)] will be waived contingent on the candidate’s earning a B (3.0 GPA) or higher in the first five trimesters of TCC classes.

The cooperative degree program consists of 7 hours of course credit for basic science courses at TCC, 17 core degree hours at UHCL, and 12 credit hours of elective courses. Key required
courses include two Cooperative Education Work Term courses in which the student will serve as: 1) a laboratory instructor in gross anatomy and 2) as a facilitator for a problem-based learning small group in physiology courses at TCC. A capstone course (3 hours) will also require students write and deliver an original basic science lecture in their area of specialization to first year TCC students. The student will pay all tuition and related course fees, as well as any additional fees (ex. parking, etc.) incurred.

Requirements for D.C./M.S. Cooperative Degree

Seven (7) transfer hours from TCC courses are required.

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<th>D.C./M.S. Core Requirements</th>
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| **BIOL 5131** | Membrane Biology  
Credit Hours: 3 |
| **BIOL 5132** | Cell Signaling  
Credit Hours: 3 |
| **BIOL 5435** | Advanced Immunology  
Credit Hours: 3 |
| **BIOL 5736** | Bioethics  
Credit Hours: 3 |
| **BIOL 5915** | Cooperative Education Work Term  
Credit Hours: 1 |
| **BIOL 6838** | Research Project and Seminar  
Credit Hours: 3 |

**Elective Concentration Area: Biological Sciences**

Biological Sciences (9 hours required)*

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| **BIOL 4332** | Histology  
Credit Hours: 3 |
| **BIOL 4347** | Cellular Physiology  
Credit Hours: 3 |
| **BIOL 4348** | Developmental Biology  
Credit Hours: 3 |
| **BIOL 4351** | Molecular Biology |

| BIOL 5432 | Principles of Pharmacology  
Credit Hours: 3 |
| BIOL 5436 | Physiological Basis of Disease  
Credit Hours: 3 |

**Additional Information**

A maximum of 6 hours of 4000-level courses may be applied to the M.S. degree plan.

**Elective Concentration Area: Education**

Education (3 hours required)

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| **EDUC 5130** | Cognition and Instruction  
Credit Hours: 3 |
| **INST 5130** | Learning Theory and Instruction  
Credit Hours: 3 |
| **INST 5035** | Creating Digital Resources  
Credit Hours: 3 |
| **INST 5233** | Performance Technology  
Credit Hours: 3 |
| **INST 5535** | Internet for Instruction  
Credit Hours: 3 |
| **INST 6337** | Motivational Design of Instruction  
Credit Hours: 3 |

**Additional Information**

Students in the program will be responsible for completing the program in a timely manner. Neither TCC nor UHCL are responsible for students failing to complete the cooperative degree coursework necessary to earn the DC or M.S. degree. Students must complete the M.S. degree within seven years of starting their first course or they will automatically be dismissed from the cooperative program and will not receive the M.S. degree.