

Major: Medical Technology (B.S.)

Suggested Four-Year Major Plan (Academic Year 2016-2017)

The Suggested Four-Year Major Plan is a guide to help Caldwell University students complete their graduation requirements within four years. It is a suggested framework which builds upon the core curriculum as well as the required and elective courses within a student’s major. This suggested plan does not include developmental courses. Should developmental courses be required, students will need to work with their Academic Advisor to include those additional courses; this may delay graduation in four years. Students should always meet with their Academic Advisor to further individualize their academic plans and confirm the availability of courses and course sequencing. The following credits below include the minimum required courses and credits needed to graduate. Students enrolled as full-time status may take 12-18 credits a semester.

First Year					
Fall Semester	CR	✓	Spring Semester	CR	✓
BI 101: General Biology I*	3		BI 102: General Biology II	3	
BI 101L: General Biology I Lab*	1		BI 102L: General Biology II Lab	1	
CH 111: General Chemistry I *	3		CH 112: General Chemistry II	3	
CH 111L: General Chemistry II Lab*	1		CH 112L: General Chemistry II Lab	1	
CH 011: General Chemistry, Calculation & Computation I (non-degree credit)***	(1)		CH 012: General Chemistry, Calculation & Computation II (non-degree credit)***	(1)	
Core: FS 189 - Freshman Seminar (Freshmen only)	1		Core: Literature – EN xxx	3	
Core: MA 131 – Foundations of Analysis II* or higher	3		Core: CS 115 - Essential Computer Skills (or elective/core)	3	
Core: EN 111 – College Writing** (or EN 320 by placement)**	3		MA 207 Applications of Statistics	3	
Total:	15 (16)		Total:	17 (18)	
Second Year					
Fall Semester	CR	✓	Spring Semester	CR	✓
BI 207 Physiology I	3		BI 210: Cell Biology	3	
BI 207L: Physiology Lab	1		BI 210L: Cell Biology Lab	1	
CH 203: Organic Chemistry I	4		CH 204: Organic Chemistry II	4	
CH 203L: Organic Chemistry I Lab	1		CH 204L: Organic Chemistry II Lab	1	
Core: CO 230: Communication Skills (or DR 102, 103, 104)	3		Core: HI 101 – Roots of the West or HI 102 – The Shaping of the West	3	
Enriched Core Cluster - (Ethical Inquiry /Global Awareness/Catholic & Dominican)	3		Core: Social Science	3	
Core: TH 102 –Introduction to Christian Theology	3		Core: PH 102 Introduction to Philosophy	3	
Total:	18		Total:	18	
Third Year					
Fall Semester	CR	✓	Spring Semester	CR	✓
BI 315: Microbiology	3		BI 316: Immunology	3	
BI 315L: Microbiology Lab	1		BI 316L: Immunology Lab	1	
Core: Social Science	3		CH 401: Biochemistry	3	
Enriched Core Cluster - (Ethical Inquiry /Global Awareness/Catholic & Dominican)	3		Enriched Core Cluster - (Ethical Inquiry /Global Awareness/Catholic & Dominican)	3	
Core: Fine Arts	3		Modern Language -/SP/FR/AS/IT	3	
Total:	13		Total:	13	
Fourth Year					
The fourth year (32 credits) consists of a 12-month training period at an approved hospital. The student must apply to, and be accepted by the hospital; the university cannot guarantee acceptance at a specific hospital. The hospital may charge a training fee and require the student to have professional liability insurance. The university does not charge tuition for the fourth year, but the student must register at the university for the fall and spring semesters, and formally apply for graduation.					

*Students may begin the science sequence **only** if they test into college level math. Students who test into developmental math must wait to begin the science sequence once they can take MA 130 or higher. Please note that MA 131 is a co-requisite to CH 112.

**A second writing intensive (WI) course is required. Students are recommended to complete it before the end of their fourth semester. Students who transfer to Caldwell with a minimum of 30 credits will have their second WI course waived.

***CH 011 and CH 012 are required 1 non-degree credit courses that must be taken with CH 111 or CH 112 respectively.

A student must either demonstrate equivalent knowledge of CS 115 Essential Computer Skills, or successfully complete CS 115 at Caldwell University. Incoming freshman must complete this requirement within the first three semesters.