

Applied Health Science Major

Total Major hours: 48
Suggested hours per semester: 16-18

Major Academic Plan (MAP) for Catalog Year 2022-2023

The catalog is the final authority on CATC and major requirements; this is intended as a tool for planning purposes. Student course sequencing may vary depending on course offerings and other variables.

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| <p>Fall Semester 1</p> <p>BIOL 241: Organization of Life^{1F}</p> <p>CORE 101: First Year Seminar First-Year CATC options-</p> <ul style="list-style-type: none"> ▪ AHS 101: Wellness (2) ▪ COMM 101: Oral Comm (2) ▪ ENGW 103: First-Year Writing ▪ Language Core Competency or Thematic Core Course | <p>Spring Semester 1³</p> <p>First-Year CATC Options Language Core Competency BITH 211/ARCH 211: Old Testament Thematic Core Course</p> | <p>Summer 1</p> <p>Consider study, internship or research options – Wheaton In summer program, WIN (HoneyRock), non-major internship, independent study, or summer research</p> |
| <p>Fall Semester 2</p> <p>CHEM 231: Gen Chem 1^F BIOL 331: Human Anatomy & Physiology I*</p> <p>Thematic Core or Core Competency Courses (4-8) BITH 213/ARCH 213: New Testament</p> | <p>Spring Semester 2</p> <p>CHEM 232: Gen Chem II^{S,*} BIOL 332: Human Anatomy & Physiology II^{S,*} AHS 281: Biostatistics¹</p> <p>BITH 315: Christian Thought* Advanced Integrative Seminar?*</p> | <p>Summer 2</p> <p>Consider Summer research option with faculty member, internship or research options – Wheaton In summer program, WIN (HoneyRock), non-major internship, independent study, or summer research</p> |
| <p>Fall Semester 3³</p> <p>AHS 381: Epidemiology^{F,*} AHS Elective² (2-4)</p> <p>Thematic Core Course (4-8)</p> | <p>Spring Semester 3³</p> <p>AHS 368: Nutrition^{S,*} AHS Elective² (2-4)</p> <p>Thematic Core Course (4-8)</p> | <p>Summer 3</p> <p>Consider Summer research option with faculty member OR AHS 496: Internship* (4-8)</p> |
| <p>Fall Semester 4</p> <p>AHS 496: Internship*(4-8), if not complete AHS Elective² (2-4)</p> <p>Complete CATC Coursework</p> | <p>Spring Semester 4</p> <p>AHS 494: Integrative Seminar (2) AHS 496: Internship*(4-8), if not complete AHS Elective² (2-4)</p> <p>Complete CATC Coursework</p> | <p>Summer 4</p> |

Notes or Special Guidance for Majors:

*Course has prerequisite

^F Fall only course

^S Spring only course

#Offered every other year

¹Courses that meet the CATC Thematic Core tags: BIO 241 (SP), AHS 281 (AAQR)

²10 hours of elective courses are required. Choose from AHS 211* Requires a Dept. Recommendation Graduation Requirement Adjustment form, AHS 273, AHS 311, AHS 371, AHS 451, AHS 452 and AHS 461.

³Applied Health Science students on the pre-med track should add the following courses: BIOL 242 (Spring Semester 1), CHEM 341 (Fall Semester 3), CHEM 342 (Spring Semester 3), PHYS 221 (Fall Semester 3), PHYS 222 (Spring Semester 3), BIOL/CHEM 461 (Spring Semester 4) *Note this advice for 461 applies to students planning a gap year between college and medical school. BIOL/CHEM 461 must be taken Spring Semester 3 for those wanting to go to Medical School immediately after college. See the Pre-Health Professions advisor for more information.

-An internship in the area of the student's interest is required. Areas include physical therapy, occupational therapy, cardiovascular rehabilitation, various clinical experiences, sports medicine, nutrition, basic research in physiology at other selected universities and fitness training.