

ORTHOTICS AND PROSTHETICS MAJOR (BS TRADITIONAL)

Majoring in Orthotics and Prosthetics involves the study of how to design and fit braces, artificial limbs, and other devices that help individuals lead full lives. Students will learn to effectively analyze, design, and construct appropriate orthotics and prosthetics and make sound ethical decisions surrounding their use. How is gait analysis conducted? What role can patient counseling play? What materials should be used in fabrication? This program, offered in partnership with Century College, provides the educational preparation to become an ABC certified assistant.

General Education Requirements

All degree seeking undergraduate students must complete the general education (<http://catalog.csp.edu/undergraduate/academic-information/general-education-requirements/>) requirements.

Degree Requirements

Bachelor of Science (<http://catalog.csp.edu/undergraduate/academic-information/graduation-requirements/#bs>) degree consists of a major of typically 45 to 60 credits, general education courses, and elective courses totaling a minimum of 120 credits.

Code	Title	Credits
Required Courses taken at Century College		
OPCA 2010	Clinical Applications of Lower Extremity Orthoses	4
OPCA 2030	Clinical Applications of Upper Extremity Orthoses	3
OPCA 2040	Clinical Applications of Spinal Orthoses	4
OPCA 2050	Clinical Applications of Trans-Tibial Prosthesis I	3
OPCA 2060	Clinical Applications of Trans-Tibial Prosthesis II	4
OPCA 2070	Clinical Applications of Trans-Femoral Prosthesis	4
OPCA 2080	Clinical Applications of Upper Limb Prosthesis	4
OPCA 2090	Clinical Internship	2
Required Courses taken at Concordia		
BIO 315	Human Anatomy and Physiology I	4
BIO 316	Human Anatomy and Physiology II	4
KHS 220	Research Methods	4
KHS 400	Health Psychology	4
KHS 436	Motor Development, Control & Motor Learning	4
HCR 435	Ethics and Decision Making in Health Care Environments	4
KHS 472	Athletic Training, Injury Prevention, and Safety	4
KHS 473	Biomechanics	4
Total Credits		60