

**Centennial College – Architecture
LTU – Bachelor of Science in Architecture**
Based on Centennial College 2019-2020 Catalog and LTU 2019-2012 Catalog

Centennial Courses:

Transfer to LTU as:

Degree Requirements	
English Requirements (6 credits)	English Requirements (6 credits)
COM 170 College Communications 2.....3	COM 1103 College Composition3
ARBW Technical Writing.....3	COM 2103 Tech Prof Com.....3
Social Sciences (3 credits)	Social Sciences (3 credits)
GNED 129 Principles of Psychology.....3	SSC 2413 Foundations of American Experience.....3
Mathematics/Science (6 credits)	Mathematics/Science..... (7 credits)
MATH 180 Technology Mathematics 3.....3	MCS 1074 Precalculus.....4
ARAP 124 Applied Physics.....3	PHY 2213 College Physics 1.....3
Design/Visualization** (43 credits)	Design/Visualization**..... (18 credits)
ARGR 224 Architectural Graphics	
+ ARPT 304 Advanced Presentation Techn	
+ ARCH 101 Design & CAD Project	9
GNED 189 From Art to Functionality.....3	ARC 1213 Visual Communication 1.....3
ARCH 221 Design & CAD Project 4	ART 1113 Basic Design 1.....3
+ ENVR 101 Environment 1	
+ ENVR 203 Environment 3	
+ ENVR 303 Environment 5.....11	ARC 2116 Integrated Design 1.....6
ARCH 301 Desgin & CAD Complex Project	
+ ARCH 321 Design & CAD Multi Use Project	
+ ARCH 201 Design & CAD Project 3	
+ ENVR 323 Environment 6	
+ ARPE 326 Understanding the Ontario Building Code..20	ARC 2126 Integrated Design 2.....6
** A portfolio is required in order to grant credit for all LTU courses listed under Design/Visualization	
Theory/History..... (5 credits)	Theory/History..... (5 credits)
GNED 215 Visual Aesthetics.....3	ARC 1012 Art/Design Awareness.....2
ARCH 206 History of Architecture.....2	ARC 3613 History of the Design Env 1.....3
Construction Systems..... (17 credits)	Construction Systems..... (6 credits)
MATM 101 Materials & Methods 1	
+ MATM 122 Materials and Methods	
+ ARCH 102 Architectural CAD 1	
+ MATM 202 Materials & Methods 3	
+ ARCH 121 Design & CAD Project 2	
+ ENVR 123 Environment 2	
+ ARSW 325 Specification Writing & Contra.....17	ARC 2313 Construction Systems 1.....3
	ARC 2323 Construction Systems 2.....3

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Transfer to LTU as:

Building Technologies (4 credits) ARBS 222 Building Services 1 + ARBS 302 Building Services 2.....4	Building Technologies (3 credits) HVAC & Water Systems.....3
Structures..... (6 credits) ARST 305 Structures.....3 ARST 306 Advanced Structures.....3	Structures..... (6 credits) ARC 2513 Basic Structures.....3 ARC 3513 Intermediate Structures.....3
Electives..... (8 credits) Choose 8 credits: ACHS 204 Construction Health & Safety.....1 ARBC 205 Builders & Contractors.....2 ARPM 225 Project Management.....3 ARBL 324 Bldg. within the Municipality.....2 ARCL 322 Contracts, Law & Professional Practice....2 GNED 500 Global Citizenship.....3 ENVR 223 Environment 4.....2	Electives..... (8 credits) ARC/ART/ARI_3.....3 ARC/ART/ARI_3.....3 ARC/ART/ART/GAM/IDD/ATD XX2 Elective.....2
Completion of the Architecture Degree at LTU: MCS 1224 Survey of Calculus.....4 PHY 2221 College Physics 1 Lab.....1 PHY 2223 College Physics 2.....3 PHY 2231 College Physics 2 Lab.....1 LLT 1213 World Masterpieces 1.....3 LLT 1223 World Masterpieces 2.....3 SSC 2423 Development of the American Experience.....3 DES 1223 Design Methodology.....3 ARC 1223 Visual Communication 2.....3 ARC 2813 Visual Communication 3.....3 ARC 3823 Visual Communication 4.....3 ARC 3116 Integrated Design Studio 3.....6 ARC 3126 Integrated Design Studio 4.....6 ARC 4116 Integrated Design Studio 5.....6 ARC 3623 History of the Design Env 2.....3 ARC 4126 Comp Design.....6 ARC 4183 20 th Century Architecture.....3 ARC 4443 ACO/ELEC/ILL Systems.....3 ARC 4543 Advanced Structures.....3 LLT/SSC/PSY 3/4XXX4 JR/SR Level Elective.....3 ARC 4112 Design Leadership and Entrepreneurship.....2	
Maximum Transferable Credits..... 62 Minimum Credits at LTU..... 71 **Minimum credits to Graduate 133**	