

STRENGTH & CONDITIONING (B.S.) - RESIDENT

Important: This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

General Education/Foundational Skills Requirements

Code	Title	Hours
Communication & Information Literacy ¹		
ENGL 101	Composition and Rhetoric	3
	Communications Elective	3
	Information Literacy Elective	3
	Information Literacy Elective	3
Technological Solutions & Quantitative Reasoning ¹		
UNIV 101	Foundational Skills	1
	Math Elective MATH 114 or higher	3
	Technology Competency ²	0-3
Critical Thinking ¹		
RLGN 105	Introduction to Biblical Worldview ³	2
	Critical Thinking Elective	3
Civic & Global Engagement ¹		
EVAN 101	Evangelism and the Christian Life ³	2
	Cultural Studies Elective	3
Social & Scientific Inquiry ¹		
	Natural Science Elective	3
	Social Science Elective	3
Christianity & Contexts ¹		
BIBL 105	Old Testament Survey	2
BIBL 110	New Testament Survey	2
THEO 201	Theology Survey I ³	2
THEO 202	Theology Survey II ³	2
Total Hours		40-43

¹ Refer to the list of approved general education electives before enrolling in foundational skill requirements

² All students must pass the Computer Assessment OR complete applicable INFT course

³ Students transferring in 45 or more UG credit hours will have the requirements of RLGN 105 and EVAN 101 waived; Students transferring in 60 or more UG credit hours will also have the requirements of THEO 201 and THEO 202 waived

Major Requirements

Code	Title	Hours
Major Foundational Courses		
BIOL 213	Human Anatomy and Physiology I ^{1,2}	3
BIOL 214	Human Anatomy and Physiology I Lab ^{1,2}	1
BIOL 215	Human Anatomy and Physiology II ^{1,2}	3
BIOL 216	Human Anatomy and Physiology II Lab ^{1,2}	1

Code	Title	Hours
CRST 290	History of Life ¹	3
PSYC 101	General Psychology ¹	3
Total Hours		14

¹ Course may fulfill select general education requirements

² Minimum grade of "C" required

Code	Title	Hours
Major Core		
ATTR 205	Musculoskeletal Terminology and Clinical Documentation	2
EXSC 101	Introduction to Exercise Science	1
EXSC 310	Physiology of Exercise	3
EXSC 311	Analysis of Human Movement	3
EXSC 320	Research and Statistics in Exercise Science	3
EXSC 333	Ergogenic Aids in Sport	3
EXSC 350	Biomechanics	3
EXSC 351	Biomechanics Lab	1
EXSC 410	Applied Exercise Physiology	3
EXSC 411	Applied Exercise Physiology Lab	1
EXSC 461	Exercise Leadership	3
PHED 225	Weight Training/Conditioning	1
STRG 298	Practicum I	3
STRG 325	Advanced Strength Training	2
STRG 335	Speed, Agility, and Quickness	2
STRG 340	Essentials of Strength Training and Conditioning	3
STRG 345	Applied Strength Training and Conditioning	2
STRG 398	Practicum II	2
STRG 401	Seminar in Strength and Conditioning	1
STRG 440	Programming and Periodization for Strength and Conditioning	3
STRG 480	Essentials of Sport Science	3
STRG 499	Strength and Conditioning Field Experience ¹	4-5
Total Hours		52-53

¹ All other Major Core courses must be completed prior to enrollment in STRG 499.

Code	Title	Hours
Free Electives		
	Choose 6-17 credit hours of Free Electives ¹	6-17
Total Hours		6-17

¹ STRG 486 is a recommended elective that includes the CSCS certification, which is an industry standard often required by employers

Additional Requirements

- First Aid/CPR Certification

All applicable prerequisites must be met

Graduation Requirements

- **120** Total hours
- **2.5** Overall grade point average
- **30** Hours must be upper-level courses (300-400 level)
- **Grade of 'C'** Minimum required for all major and major foundational courses
- **50%** Of major and cognate taken through Liberty University
- **30** Hours must be completed through Liberty University
- **Grad App** Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date
- **CSER** All requirements must be satisfied before a degree will be awarded

Course Sequence

Course	Title	Hours
First Year		
First Semester		
BIBL 105	Old Testament Survey	2
ENGL 101	Composition and Rhetoric	3
INQR 101	Inquiry	1
UNIV 101	Foundational Skills	1
Math Elective ¹		3
Social Science Elective (PSYC 101) ¹		3
ATTR 205	Musculoskeletal Terminology and Clinical Documentation	2
EXSC 101	Introduction to Exercise Science	1
CSER		0
Hours		16
Second Semester		
BIBL 110	New Testament Survey	2
RLGN 105	Introduction to Biblical Worldview	2
Communications Elective ¹		3
Information Literacy Elective ¹		3
Natural Science Elective (BIOL 213/BIOL 214)		4
Technology Competency ²		0-3
CSER		0
Hours		14-17
Second Year		
First Semester		
THEO 201	Theology Survey I	2
RSCH 201	Research	3
Information Literacy Elective ¹		3
BIOL 215	Human Anatomy and Physiology II	3
BIOL 216	Human Anatomy and Physiology II Lab	1
EXSC 310	Physiology of Exercise	3
PHED 225	Weight Training/Conditioning	1
CSER		0
Hours		16
Second Semester		
Critical Thinking Elective ¹		3
EXSC 311	Analysis of Human Movement	3

Course	Title	Hours
EXSC 320	Measurement and Evaluation in Health and Kinesiology	3
STRG 298	Practicum I	3
STRG 325	Advanced Strength Training	2
Elective		3
CSER		0
Hours		17

Third Year

First Semester

EXSC 340		3
EXSC 350	Biomechanics	3
EXSC 351	Biomechanics Lab	1
STRG 335	Speed, Agility, and Quickness	2
STRG 398	Practicum II	2
Elective		3
CSER		0
Hours		14

Second Semester

CRST 290	History of Life	3
EXSC 333	Ergogenic Aids in Sport	3
EXSC 345		2
EXSC 410	Applied Exercise Physiology	3
EXSC 411	Applied Exercise Physiology Lab	1
EXSC 461	Exercise Leadership	3
CSER		0
Hours		15

Fourth Year

First Semester

EXSC 401		1
EXSC 440		3
STRG 480	Essentials of Sport Science	3
Elective ³		3
Elective		3
CSER		0
Hours		13

Second Semester

EVAN 101	Evangelism and the Christian Life	2
THEO 202	Theology Survey II	2
Cultural Studies Elective ¹		3
STRG 499	Strength and Conditioning Field Experience	4-5
Elective		3
Elective		1
CSER		0
Hours		15-16
Total Hours		120-124

¹ Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

² All students must pass the Computer Assessment OR complete applicable INFT course; refer to www.liberty.edu/computerassessment for more information

³ EXSC 486 is a recommended elective that includes the CSCS certification, which is an industry standard often required by employers