

ATHLETIC TRAINING PROGRAM

Program Handbook (<https://www.slu.edu/doisy/degrees/program-pdfs/at-handbook-0818.pdf>)

Saint Louis University's athletic training program is an early-assurance 3+2 graduate professional program. Students earn a Bachelor of Science (B.S.) in Exercise Science and Master of Athletic Training (M.A.T.). The athletic training program has an interprofessional focus with a curriculum that develops a team approach to health care.

SLU's athletic training program is the standard of excellence within the field, boasting a 100 percent pass rate on Board of Certification Exams throughout the history of the program, outstanding placement rates in the field and students and faculty that have been honored at national and international levels.

SLU's program has a proven track record of global engagement; the athletic program has a curricular track in which students can attend the Madrid, Spain, campus for up to four semesters, an international clinical exchange program with universities in Spain and Ireland, and the program is an institutional member of the World Federation of Athletic Training and Therapy (WFATT) – the program proudly hosted the 2015 WFATT World Congress.

Upon graduation, students are eligible to take the board certification examination for the Certified Athletic Trainer (ATC) credential.

Advantages to earning a Master of Athletic Training at Saint Louis University include:

- Direct admission to the program as a freshman
- Advancement through the entire athletic training program without additional application processes, provided the student remains in good standing
- Opportunities to pursue additional curricular goals such as minors, certificates and study abroad programs
- SLU is home to the only NCAA Division I athletic program in St. Louis.
- Diversity of clinical training sites
- Highly accessible faculty
- Classroom technology
- Interprofessional focus of core curriculum to build a team approach to health care
- State-of-the-art laboratories and clinical equipment located in the Doisy College of Health Sciences
- Study abroad track available allowing students to study at Madrid, Spain, campus for up to four semesters during the pre-professional phase of the program

Curriculum Overview

Students begin the program as freshmen spend their first three years completing the required liberal arts and science prerequisite courses. Students who meet academic and professional behavior requirements continue into the two-year professional phase of the program after their junior year.

The two-year professional phase of the program includes coursework in human anatomy and kinesiology, clinical sciences, research and

administration. Students participate in clinical experiences each semester.

Fieldwork and Research Opportunities

SLU's athletic training students participate in clinical experiences each semester, and the diversity of clinical sites is a hallmark of the program. In addition to Saint Louis University's athletic teams, eight other St. Louis-area universities and 20 high schools serve as clinical sites for the program. Students experience unique networking opportunities such as physician office rotations, NCAA championship events and summer camps.

SLU's program provides opportunities to connect with the AT profession. Students have a chance to be involved in the Annual Athletic Training Speaker Series and National Athletic Training Month each spring. Faculty members serve in prominent roles in state, regional and national organizations in athletic training. Additionally, the program houses the editorial offices of the Journal of Athletic Training and the Athletic Training Education Journal.

Careers

Graduates work in a variety of settings, practicing injury prevention, injury assessment, sports rehabilitation and sport-specific conditioning.

Certified athletic trainers are employed in many settings such as:

- High schools
- Colleges and universities
- Professional sports
- Sports medicine clinics
- The military
- Performing arts

In addition to providing patient care, athletic trainers also work as clinical researchers, administrators, faculty members and clinical instructors at colleges or universities.

Admission Requirements

Admission consideration for the athletic training program is initially based on a strong overall academic background.

- Admission criteria include cumulative GPA, science and math GPA and ACT/SAT test scores. The minimum cumulative GPA is a 3.00 on a 4.00 scale.
- The minimum composite ACT score is 24, with no subsection lower than a 22, or equivalent SAT scores. Currently, the average GPA of admitted students is 3.5/4.0 and the average ACT score is 25.

Required high school courses include:

- Four years of high school English
- Four years of high school math, with achievement to at least the level of pre-calculus
- Four years of high school science, including biology and chemistry with physics encouraged but not required
- At least two years of a modern foreign language recommended

Transfer Admission Requirements

- Minimum 25 hours of college credit
- Minimum cumulative GPA of a 3.00 on a 4.00 scale with no science grade below a C
- Interview

Scholarships and Financial Aid

There are two principal ways to help finance a Saint Louis University education:

- **Scholarships:** awarded based on academic achievement, service, leadership and financial need. In addition to University scholarships, the Doisy College of Health Sciences offers a scholarship to sophomores, juniors and seniors.
- **Financial Aid:** provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For more information, visit the student financial services office online at <http://finaid.slu.edu>.

Accreditation

The program is accredited through the 2024-25 academic year by the Commission on Accreditation of Athletic Training Education (CAATE) as a Graduate Professional Program. The Master of Athletic Training program is one of more than 350 CAATE accredited programs nationally and one of approximately 35 accredited Graduate Professional programs in the country.

Commission on Accreditation of Athletic Training Education

6850 Austin Center Blvd., Suite 100
Austin, TX 78731-3184
(844) GO-CAATE | (844) 462-2283
<http://caate.net>

Additional Accreditation Information (<https://www.slu.edu/doisy/degrees/program-pdfs/at-accreditation-0918.pdf>)

Learning Outcomes

1. Graduates will be able to demonstrate respect for the diversity as it relates to the practice of athletic training.
2. Graduates will be able to demonstrate effective communication strategies necessary for patient-centered care.
3. Graduates will be able to demonstrate interpersonal collaboration skills that advance holistic patient-centered care.
4. Graduates will be able to employ evidence-based clinical reasoning in the practice of athletic training.
5. Graduates will be able to demonstrate the ability to translate athletic training concepts into effective clinical practice.

Requirements

Students in Saint Louis University's athletic training program take a variety of courses from across the University, in addition to athletic training coursework.

Foundation

Code	Title	Credits
UNIV 1010	Univ 101: Enhancing 1st yr Suc	1
ENGL 1900	Advanced Strategies Of Rhetoric and Research	3
ENGL	Literature elective	3
Fine Arts elective		3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
PHIL 2050	Ethics	3
THEO 1000	Theological Foundations	3
THEO	Theology elective	3
HIST	History elective	3
Foreign Language (through 115 level)		6
PSY 1010	General Psychology	3
PSY	Psychology elective	3
MATH 1400	Pre-Calculus	3
BIOL 1100	Introduction to Biology	4
CHEM 1083 & CHEM 1483	Principles of Chemistry 1 with Lab and Principles of Chemistry 2	8
ANAT 1000	Basic Human Anatomy	3
PHYS 1220 & PHYS 1240	General Physics I and General Physics II	8
PPY 2540	Human Physiology	4
STAT 1100	Introduction to Statistics	3
IPE 1100	Introduction to Interprofessional Health Care	1
IPE 3500	Health Care Systems and Health Promotion	3
IPE 4200	Applied Decision-Making in Interprofessional Practice	3
IPE 4900	Interprofessional Community Practicum	2
Non-specified electives		15
Total Credits		94

Athletic Training Requirements (for B.S. in Exercise Science)

Code	Title	Credits
MAT 1000	Intro to Athletic Training	1
MAT 2000	AT Student Development I	1
MAT 3000	Athletic Training Student Development II	2
MAT 3230	Exercise Physiology	3
ANAT 4000	Human Gross Anatomy	6
MAT 4125	Therapeutic Modalities	3
MAT 5010	Principles of Athletic Training	2
MAT 5100	Athletic Training Kinesiology	3
MAT 5160	Bioenergetics Athletic Perform	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5620	Psychology of Sport and Injury	3
MAT 5800	Medical Conditions in Athletic Training	3
Total Credits		42

Athletic Training Requirements (for MAT)

Code	Title	Credits
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 5700	AT Clinical Practicum I	3
MAT 5750	AT Clinical Practicum II	3
MAT 5900	AT Field Experience	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
MAT 6160	Enhancing Athletic Performance	3
MAT 6960	AT Capstone Project	2
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
Total Credits		35

Continuation Standards

Students must maintain a cumulative grade point average (GPA) of 2.70 to remain in good standing.

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Standard Track

Course	Title	Credits
Year One		
Fall		
BIOL 1100	Introduction to Biology ¹	4
CHEM 1083	Principles of Chemistry 1 with Lab ¹	4
UNIV 1010	Univ 101: Enhancing 1st yr Suc	1
IPE 1100	Introduction to Interprofessional Health Care	1
ENGL 1900	Advanced Strategies Of Rhetoric and Research	3
XXXX	Modern Foreign Language Elective	3
Credits		16
Spring		
CHEM 1483	Principles of Chemistry 2 ¹	4
MAT 1000	Intro to Athletic Training	1
MATH 1400	Pre-Calculus ¹	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
THEO 1000	Theological Foundations	3
XXXX	Modern Foreign Language Elective	3
Credits		17

Year Two

Fall		
MAT 2000	AT Student Development I	1
PHYS 1220	General Physics I ¹	4
PPY 2540	Human Physiology	4
IPE 3500	Health Care Systems and Health Promotion	3
PSY 1010	General Psychology	3
PHIL 2050 or HCE 2010	Ethics or Foundations in Clinical Health Care Ethics	3
Credits		18
Spring		
ANAT 1000	Basic Human Anatomy	3
PHYS 1240	General Physics II ¹	4
IPE 4200	Applied Decision-Making in Interprofessional Practice	3
XXXX	Upper Division Psychology Elective	3
2XXX-3XXX	Literature Elective	3
Credits		16

Year Three

Fall		
STAT 1100	Introduction to Statistics	3
XXXX	Fine Arts Elective	3
XXXX	Elective	3
XXXX	Elective	3
1XXX – 2XXX	History Elective	3
2XXX	Theology Elective	3
Credits		18
Spring		
IPE 4900	Interprofessional Community Practicum	2
MAT 3000	Athletic Training Student Development II	2
MAT 3230	Exercise Physiology	3
XXXX	Elective	3
XXXX	Elective	3
XXXX	Elective	3
Credits		16

Summer

ANAT 4000	Human Gross Anatomy	6
MAT 5010	Principles of Athletic Training	2
Credits		8

Year Four

Fall		
MAT 4125	Therapeutic Modalities	3
MAT 5100	Athletic Training Kinesiology	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5620	Psychology of Sport and Injury	3
MAT 5700	AT Clinical Practicum I	3
Credits		16

Spring

Bachelor of Science in Exercise Science awarded upon completion of Semester Eight		
MAT 5160	Bioenergetics Athletic Perform	3

MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5750	AT Clinical Practicum II	3
MAT 5800	Medical Conditions in Athletic Training	3
	Credits	17
Summer		
MAT 5900	AT Field Experience	2
	Credits	2
Year Five		
Fall		
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
	Credits	15
Spring		
MAT 6160	Enhancing Athletic Performance	3
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
MAT 6960	AT Capstone Project	2
	Credits	12
	Total Credits	171

¹ With permission, science and math courses can be replaced by higher level courses

SLU-Madrid Track

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	Principles of Biology I and Principles of Biology I Laboratory	4
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory ¹	4
IPE 1100	Introduction to Interprofessional Health Care	1
SPAN XXX	Spanish (1st course)	3
ENGL 1900	Advanced Strategies Of Rhetoric and Research	3
XXXX	Fine Arts Elective	3
	Credits	18
Spring		
BIOL 1260 & BIOL 1265	Principles of Biology II and Principles of Biology II Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory ¹	3
MAT 1000	Intro to Athletic Training	1
MATH 1400	Pre-Calculus	3
SPAN XXXX	Spanish (2nd course)	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
	Credits	17

Year Two

Fall

PPY 2540	Human Physiology	4
PHYS 1220	General Physics I ¹	4
IPE 3500	Health Care Systems and Health Promotion	3
SPAN XXXX	Spanish (3rd course)	3
PSY 1010	General Psychology	3
	Credits	17

Spring

ANAT 1000	Basic Human Anatomy	3
PHYS 1240	General Physics II ¹	4
SPAN XXXX	Spanish (4th course)	3
THEO 1000	Theological Foundations	3
XXXX	Free Elective	3
	Credits	16

Year Three

Fall

MAT 2000	AT Student Development I	1
IPE 4200	Applied Decision-Making in Interprofessional Practice	3
STAT 1100	Introduction to Statistics	3
PHIL 2050 or HCE 2010	Ethics or Foundations in Clinical Health Care Ethics	3
XXXX	Literature Elective	3
1XXX-2XXX	History Elective	3
	Credits	16

Spring

MAT 3000	Athletic Training Student Development II	2
MAT 3230	Exercise Physiology	3
IPE 4900	Interprofessional Community Practicum	2
XXXX	Elective	3
XXXX	Upper Division Psychology Elective	3
XXXX	Theology Elective	3
	Credits	16

Summer

ANAT 4000	Human Gross Anatomy	6
MAT 5010	Principles of Athletic Training	2
	Credits	8

Year Four

Fall

MAT 4125	Therapeutic Modalities	3
MAT 5100	Athletic Training Kinesiology	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5620	Psychology of Sport and Injury	3
MAT 5700	AT Clinical Practicum I	3
	Credits	16

Spring

Bachelor of Science in Exercise Science awarded upon completion of Semester Eight		
MAT 5160	Bioenergetics Athletic Perform	3

MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5750	AT Clinical Practicum II	3
MAT 5800	Medical Conditions in Athletic Training	3
Credits		17
Summer		
MAT 5900	AT Field Experience	2
Credits		2
Year Five		
Fall		
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
Credits		15
Spring		
MAT 6160	Enhancing Athletic Performance	3
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
MAT 6960	AT Capstone Project	2
Credits		12
Total Credits		170

¹ With permission, science and math courses can be replaced by higher level courses

Program Notes

Freshman and Sophomore years are at the SLU – Madrid campus in Madrid, Spain. Junior – Professional Year 2 are at the SLU Campus in St. Louis, MO, USA.

Physician Assistant Scholars Track

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	Principles of Biology I and Principles of Biology I Laboratory	4
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
UNIV 1010	Univ 101: Enhancing 1st yr Suc	1
IPE 1100	Introduction to Interprofessional Health Care	1
MATH 1400	Pre-Calculus ¹	3
ENGL 1900	Advanced Strategies Of Rhetoric and Research	3
Credits		16
Spring		
BIOL 1260 & BIOL 1265	Principles of Biology II and Principles of Biology II Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
MAT 1000	Intro to Athletic Training	1

PHIL 1050	Introduction to Philosophy: Self and Reality	3
STAT 1100	Introduction to Statistics	3
XXXX	Fine Arts Elective	3
Credits		18

Year Two

Fall		
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
MAT 2000	AT Student Development I	1
PPY 2540	Human Physiology	4
IPE 3500	Health Care Systems and Health Promotion	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
Credits		18

Spring

ANAT 1000	Basic Human Anatomy	3
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
PHIL 2050 or HCE 2010	Ethics or Foundations in Clinical Health Care Ethics	3
XXXX	Upper Division Psychology Elective	3
2XXX-3XXX	Literature Elective	3
Credits		16

Year Three

Fall		
BIOL 3020	Biochemistry and Molecular Biology	3
BIOL 4640	General Microbiology	3
PHYS 1220	General Physics I ¹	4
HSI 2200	Medical Terminology	3
XXXX	Theology Elective	3
Credits		16

Spring

MAT 3000	Athletic Training Student Development II	2
MAT 3230	Exercise Physiology	3
PHYS 1240	General Physics II ¹	4
BIOL 3030	Principles of Genetics	3
IPE 4200	Applied Decision-Making in Interprofessional Practice	3
IPE 4900	Interprofessional Community Practicum	2
Credits		17

Summer

ANAT 4000	Human Gross Anatomy	6
MAT 5010	Principles of Athletic Training	2
Credits		8

Year Four

Fall		
MAT 4125	Therapeutic Modalities	3
MAT 5100	Athletic Training Kinesiology	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5620	Psychology of Sport and Injury	3

MAT 5700	AT Clinical Practicum I	3
	Credits	16
Spring		
Bachelor of Science in Exercise Science awarded upon completion of Semester Eight		
MAT 5160	Bioenergetics Athletic Perform	3
MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5750	AT Clinical Practicum II	3
MAT 5800	Medical Conditions in Athletic Training	3
	Credits	17
Summer		
MAT 5900	AT Field Experience	2
	Credits	2
Year Five		
Fall		
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
	Credits	15
Spring		
MAT 6160	Enhancing Athletic Performance	3
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
MAT 6960	AT Capstone Project	2
	Credits	12
	Total Credits	171

¹ With permission, science and math courses can be replaced by higher level courses

Program Notes

Students must complete Modern Foreign Language through 1020 level and History course or show equivalent (as approved by Program Director). Upon completion of the 5-year Athletic Training program, students will proceed directly into SLU's graduate-level PA program.

Pre-Medicine Track

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	Principles of Biology I and Principles of Biology I Laboratory	4
CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
UNIV 1010	Univ 101: Enhancing 1st yr Suc	1
IPE 1100	Introduction to Interprofessional Health Care	1
MATH 1510	Calculus I	4

XXXX	Modern Foreign Language Elective	3
	Credits	17
Spring		
BIOL 1260 & BIOL 1265	Principles of Biology II and Principles of Biology II Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
MAT 1000	Intro to Athletic Training	1
ENGL 1900	Advanced Strategies Of Rhetoric and Research	3
PHIL 1050	Introduction to Philosophy: Self and Reality	3
XXXX	Modern Foreign Language Elective	3
	Credits	18
Year Two		
Fall		
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
MAT 2000	AT Student Development I	1
PPY 2540	Human Physiology	4
IPE 3500	Health Care Systems and Health Promotion	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
	Credits	18
Spring		
ANAT 1000	Basic Human Anatomy	3
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
PHIL 2050 or HCE 2010	Ethics or Foundations in Clinical Health Care Ethics	3
XXXX	Upper Division Psychology Elective	3
2XXX-3XXX	Literature Elective	3
	Credits	16
Year Three		
Fall		
BIOL 3020	Biochemistry and Molecular Biology	3
PHYS 1310 & PHYS 1320	Physics I and Physics I Laboratory	4
STAT 1100	Introduction to Statistics	3
1XXX-2XXX	History Elective	3
2XXX	Theology Elective	3
	Credits	16
Spring		
MAT 3000	Athletic Training Student Development II	2
MAT 3230	Exercise Physiology	3
PHYS 1330 & PHYS 1340	Physics II and Physics II Laboratory	4
IPE 4200	Applied Decision-Making in Interprofessional Practice	3
IPE 4900	Interprofessional Community Practicum	2
XXXX	Fine Arts Elective	3
	Credits	17

Summer		
ANAT 4000	Human Gross Anatomy	6
MAT 5010	Principles of Athletic Training	2
Credits		8

Year Four		
Fall		
MAT 4125	Therapeutic Modalities	3
MAT 5100	Athletic Training Kinesiology	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5620	Psychology of Sport and Injury	3
MAT 5700	AT Clinical Practicum I	3
Credits		16

Spring		
Bachelor of Science in Exercise Science awarded upon completion of Semester Eight		
MAT 5160	Bioenergetics Athletic Perform	3
MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5750	AT Clinical Practicum II	3
MAT 5800	Medical Conditions in Athletic Training	3
Credits		17

Summer		
MAT 5900	AT Field Experience	2
Credits		2

Year Five		
Fall		
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
Credits		15

Spring		
MAT 6160	Enhancing Athletic Performance	3
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
MAT 6960	AT Capstone Project	2
Credits		12
Total Credits		172

Program Notes

Curriculum is designed to address SLU's Medical School requirements and is subject to change. If applying to a Medical School at another institution, please consult their website for specific requirements.

Pre-Physician Assistant Track

Course	Title	Credits
Year One		
Fall		
BIOL 1240 & BIOL 1245	Principles of Biology I and Principles of Biology I Laboratory	4

CHEM 1110 & CHEM 1115	General Chemistry 1 and General Chemistry 1 Laboratory	4
UNIV 1010	Univ 101: Enhancing 1st yr Suc	1
IPE 1100	Introduction to Interprofessional Health Care	1
MATH 1400	Pre-Calculus ¹	3
ENGL 1900	Advanced Strategies Of Rhetoric and Research	3
Credits		16

Spring		
BIOL 1260 & BIOL 1265	Principles of Biology II and Principles of Biology II Laboratory	4
CHEM 1120 & CHEM 1125	General Chemistry 2 and General Chemistry 2 Laboratory	4
MAT 1000	Intro to Athletic Training	1
PHIL 1050	Introduction to Philosophy: Self and Reality	3
STAT 1100	Introduction to Statistics	3
XXXX	Fine Arts Elective	3
Credits		18

Year Two		
Fall		
CHEM 2410 & CHEM 2415	Organic Chemistry 1 and Organic Chemistry 1 Laboratory	4
MAT 2000	AT Student Development I	1
PPY 2540	Human Physiology	4
IPE 3500	Health Care Systems and Health Promotion	3
PSY 1010	General Psychology	3
THEO 1000	Theological Foundations	3
Credits		18

Spring		
ANAT 1000	Basic Human Anatomy	3
CHEM 2420 & CHEM 2425	Organic Chemistry 2 and Organic Chemistry 2 Laboratory	4
PHIL 2050 or HCE 2010	Ethics or Foundations in Clinical Health Care Ethics	3
XXXX	Upper Division Psychology Elective	3
2XXX-3XXX	Literature Elective	3
Credits		16

Year Three		
Fall		
BIOL 3020	Biochemistry and Molecular Biology	3
BIOL 4640	General Microbiology	3
PHYS 1220	General Physics I ¹	4
HSI 2200	Medical Terminology	3
XXXX	Theology Elective	3
Credits		16

Spring		
MAT 3000	Athletic Training Student Development II	2
MAT 3230	Exercise Physiology	3
PHYS 1240	General Physics II ¹	4
BIOL 3030	Principles of Genetics	3

IPE 4200	Applied Decision-Making in Interprofessional Practice	3
IPE 4900	Interprofessional Community Practicum	2
Credits		17
Summer		
ANAT 4000	Human Gross Anatomy	6
MAT 5010	Principles of Athletic Training	2
Credits		8
Year Four		
Fall		
MAT 4125	Therapeutic Modalities	3
MAT 5100	Athletic Training Kinesiology	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5620	Psychology of Sport and Injury	3
MAT 5700	AT Clinical Practicum I	3
Credits		16
Spring		
Bachelor of Science in Exercise Science awarded upon completion of Semester Eight		
MAT 5160	Bioenergetics Athletic Perform	3
MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5750	AT Clinical Practicum II	3
MAT 5800	Medical Conditions in Athletic Training	3
Credits		17
Summer		
MAT 5900	AT Field Experience	2
Credits		2
Year Five		
Fall		
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
Credits		15
Spring		
MAT 6160	Enhancing Athletic Performance	3
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
MAT 6960	AT Capstone Project	2
Credits		12
Total Credits		171

¹ With permission, science and math courses can be replaced by higher level courses

Program Notes

Students must complete Modern Foreign Language through 1020 level and History course or show equivalent (as approved by Program Director). Curriculum is designed to address SLU's PA Program

requirements and is subject to change. If applying to a PA Program at another institution, please consult their website for specific requirements.

Master of Athletic Training – Post-Baccalaureate Applicants

Course	Title	Credits
Year One		
Summer		
ANAT 4000	Human Gross Anatomy	6
MAT 5010	Principles of Athletic Training	2
Credits		8
Fall		
MAT 4125	Therapeutic Modalities	3
MAT 5100	Athletic Training Kinesiology	3
MAT 5240	Musculoskeletal Assessment & Management I	4
MAT 5620	Psychology of Sport and Injury	3
MAT 5700	AT Clinical Practicum I	3
Credits		16
Spring		
MAT 5160	Bioenergetics Athletic Perform	3
MAT 5250	Musculoskeletal Assessment and Management II	4
MAT 5500	Rehabilitation in AT I	4
MAT 5750	AT Clinical Practicum II	3
MAT 5800	Medical Conditions in Athletic Training	3
Credits		17
Year Two		
Summer		
MAT 5900	AT Field Experience	2
Credits		2
Fall		
MAT 5133	Lab Studies and Imaging	2
MAT 5550	Rehabilitation in Athletic Training II	3
MAT 5600	Athletic Training Administration	3
MAT 5650	Research in Athletic Training	2
MAT 6010	Contemporary Clinical Practice	1
MAT 6700	AT Clinical Practicum III	4
Credits		15
Spring		
MAT 6160	Enhancing Athletic Performance	3
MAT 6750	AT Clinical Practicum IV	4
MAT 6800	Seminar in Athletic Training	3
MAT 6960	AT Capstone Project	2
Credits		12
Total Credits		70

Program Notes

Students must have the following pre-requisite courses completed prior to beginning this program:

- Biology with Lab
- Chemistry I and II with Lab
- Physics I and II with Lab

- Basic Anatomy and Human Physiology, *or* Anatomy & Physiology I and II
- Exercise Physiology
- General Psychology
- Ethics
- Pre-Calculus
- Statistics
- Medical Terminology