

ATHLETIC TRAINING B.S./MASTERS (B.S./M.A.T.R.) DEGREE

2022-2023 SAMPLE FIVE-YEAR PLAN

UNDERGRADUATE

Semester 1 - First Year	Credit
A TR 218-Orient to A TR Clinical Experience	0.5
BIOL 255-Fundamentals of Human Anatomy*	3
BIOL 255L-Fundamentals of Human Anatomy Lab*	1
ENGL 150-Critical Thinking & Communication	3
H S 110-Personal & Consumer Health	3
KIN 252-Disciplines & Professions in KIN H	1
KIN 253-Orientation & Learning Community in KIN H	1
LIB 160-Information Literacy	1
PSYCH 101	3
Total	16.5

Semester 2 - First Year	Credit
A TR 218-Orient to A TR Clinical Experience	0.5
BIOL 256-Fundamentals of Human Physiology**	3
BIOL 256L-Fundamentals of Human Physiology Lab**	1
FS HN 167-Intro to Human Nutrition	3
BIOL 211 or 212-Principles of Biology I or II	3
BIOL 211L or 212L-Principles of Biology Lab I or II	1
SOC 134-Introduction to Sociology	3
STAT 101 or 104-Intro to or Principles of Statistics	3-4
Total	17.5-18.5

Semester 3 - Second Year	Credit
A TR 220 Basic Athletic Training*	2
A TR 221-Pre-Athletic Training Clinical Practicum*	1
CHEM 163 or 177-College or General Chemistry I	4
CHEM 163L or 177L-College or General Chemistry I Lab	1
ENGL 250-Written, Oral, Visual & Electronic Comp	3
Humanities Choice/US Diversity	3
PSYCH Choice	3
Total	17

Semester 4 - Second Year	Credit
A TR 217-Clinical Practicum in Athletic Training I**	1
A TR 219-Anatomy Clinical Practicum**	1
KIN 258-Principles of Physical Fitness & Conditioning	2
PHYS 115 or PHYS 131 & 131L-General Physics	4-5
MATH 140, 143, 145, or 165	3-4
SP CM 212-Fundamentals of Public Speaking	3
Humanities Choice/International Perspective	3
Total	17-19

Semester 5 - Third Year	Credit
A TR 223-Preseason Clinical Experience Practicum*	1
A TR 228-Basic Orthopedic Assessment & Eval Prin*	2
A TR 229-Clinical Practicum in Athletic Training II*	1
KIN 365 or 366-Sport or Exercise Psychology	3
KIN 355-Biomechanics	3
KIN 358-Exercise Physiology	3
KIN 359-Exercise Physiology Lab	1
FS HN 367-Medical Terminology for Health Professionals	1
Total	15

Semester 6 - Third Year	Credit
A TR 328-Athletic Injuries Clinical Practicum**	1
H S 350-Human Diseases	3
ENGL 302, 314, or SP CM 312	3
KIN 372-Motor Control & Learning Across the Lifespan	3
KIN 480-Functional Anatomy or B M S 448	3-4
PSYCH 460-Abnormal Psychology	3
Total	16-17

Apply for admission to the AT/MATR program in December. Acceptance into the program is required before spring of the third year.

GRADUATE

Semester 7 - Fourth Year (Summer)	Credit
A TR 501-Bracing, Taping & Wrapping Techniques	1
A TR 502-Emergency Care Procedures in AT	3
A TR 509-Athletic Training Clinical Education I	1
A TR 520-Athletic Training Seminar A: An Introduction to Athletic Training	1
Total	6

Semester 9 - Fourth Year	Credit
KIN 501-Research Methods in Physical Activity**	3
A TR 513-Evaluation Methods & Treatment Tech (UB)**	3
A TR 522-Athletic Training Seminar C: Interprofessional Collaboration and Leadership**	1
A TR 529-Athletic Training Clinical Education III**	3
A TR 545-Therapeutic Exercise & Rehab Interventions**	3
Total	13

Semester 8 - Fourth Year	Credit
A TR 505-Therapeutic Modalities & Clinical Interventions*	3
A TR 510-Evaluation Methods & Treatment Tech (LB)*	3
A TR 521-Athletic Training Seminar B: Diagnostic Imaging and Lab Principles*	1
A TR 519-Athletic Training Clinical Education II*	3
Total	10

Semester 10 - Fifth Year (Summer)	Credit
A TR 515-Evidence Based Practice in Athletic Training	2
A TR 523-Athletic Training Seminar D: Advanced Topics in Athletic Training	1
A TR 539-Athletic Training Clinical Education IV	2
A TR 560-General Medical and Behavioral Health Issues	3
Total	8

Semester 12 - Fifth Year	Credit
A TR 575-Athletic Training Organization & Administration**	3
A TR 524-Athletic Training Seminar E: Professional Development in Athletic Training**	1
A TR 569-Athletic Training Clinical Education VI**	5
Total	9

Semester 11 - Fifth Year	Credit
A TR 550-Pharmacological Issues in Athletic Training*	2
A TR 570-Injury Intervention, Rehab and Patient Care*	3
A TR 559-Athletic Training Clinical Education V*	4
HS 564-Physical Activity Epidemiology	3
Total	12

• **Optional experiences:** A TR 549A and A TR 549B Athletic Training Clinical Education Study Abroad (3 credits)

* **Fall Only Course**, ** **Spring Only Course**. Planned course offerings may change, and students need to check the online Schedule of Classes each term to confirm course offerings: <https://classes.iastate.edu/>. This sequence is only an example.