

**ATHLETIC TRAINING B.S./MASTERS (B.S./M.A.T.R.) DEGREE**  
**2024-2025 SAMPLE FIVE-YEAR PLAN**

UNDERGRADUATE

| Semester 1 - First Year                            | Credit      |
|--|-------------|
| A TR 2180-Orient to A TR Clinical Experience       | 0.5         |
| BIOL 2550-Fundamentals of Human Anatomy*           | 3           |
| BIOL 2550L-Fundamentals of Human Anatomy Lab*      | 1           |
| ENGL 1500-Critical Thinking & Communication        | 3           |
| H S 1100-Personal & Consumer Health                | 3           |
| KIN 2520-Disciplines & Professions in KIN H        | 1           |
| KIN 2530-Orientation & Learning Community in KIN H | 1           |
| LIB 1600-Information Literacy                      | 1           |
| PSYCH 1010   | 3           |
| <b>Total</b>                                       | <b>16.5</b> |

| Semester 2 - First Year                                | Credit           |
|--|------------------|
| A TR 2180-Orient to A TR Clinical Experience           | 0.5              |
| BIOL 2560-Fundamentals of Human Physiology**           | 3                |
| BIOL 2560L-Fundamentals of Human Physiology Lab**      | 1                |
| FS HN 1670-Intro to Human Nutrition                    | 3                |
| BIOL 2110 or 2120-Principles of Biology I or II        | 3                |
| BIOL 2110L or 2120L-Principles of Biology Lab I or II  | 1                |
| SOC 1340-Introduction to Sociology                     | 3                |
| STAT 1010 or 1040-Intro to or Principles of Statistics | 3-4              |
| <b>Total</b>   | <b>17.5-18.5</b> |

| Semester 3 - Second Year                               | Credit    |
|--|-----------|
| A TR 2200 Basic Athletic Training*                     | 2         |
| A TR 2210-Pre-Athletic Training Clinical Practicum*    | 1         |
| CHEM 1630 or 1770-College or General Chemistry I       | 4         |
| CHEM 1630L or 1770L-College or General Chemistry I Lab | 1         |
| ENGL 2500-Written, Oral, Visual & Electronic Comp      | 3         |
| Humanities Choice/US Diversity                         | 3         |
| PSYCH Choice   | 3         |
| <b>Total</b>   | <b>17</b> |

| Semester 4 - Second Year                               | Credit       |
|--|--------------|
| A TR 2170-Clinical Practicum in Athletic Training I**  | 1            |
| A TR 2190-Anatomy Clinical Practicum**                 | 1            |
| KIN 2580-Principles of Physical Fitness & Conditioning | 2            |
| PHYS 1150 or PHYS 1310 & 1310L-General Physics         | 4-5          |
| MATH 1400, 1430, 1450, or 1650                         | 3-4          |
| SP CM 2120-Fundamentals of Public Speaking             | 3            |
| Humanities Choice/International Perspective            | 3            |
| <b>Total</b>   | <b>17-19</b> |

| Semester 5 - Third Year                                 | Credit    |
|---|-----------|
| A TR 2230-Preseason Clinical Experience Practicum*      | 1         |
| A TR 2280-Basic Orthopedic Assessment & Eval Prin*      | 2         |
| A TR 2290-Clinical Practicum in Athletic Training II*   | 1         |
| KIN 3550-Biomechanics                                   | 3         |
| KIN 3580-Exercise Physiology                            | 3         |
| KIN 3590-Exercise Physiology Lab                        | 1         |
| KIN 3650 or 3660-Sport or Exercise Psychology           | 3         |
| FS HN 3670-Medical Terminology for Health Professionals | 1         |
| <b>Total</b>  | <b>15</b> |

| Semester 6 - Third Year                               | Credit       |
|---|--------------|
| A TR 3280-Athletic Injuries Clinical Practicum**      | 1            |
| ENGL 3020, 3140, or SP CM 3120                        | 3            |
| H S 3500-Human Diseases                               | 3            |
| KIN 3720-Motor Control & Learning Across the Lifespan | 3            |
| KIN 3730-Biomechanics & Motor Control Lab             | 1            |
| KIN 4800-Functional Anatomy or B M S 448              | 3-4          |
| PSYCH 4600-Abnormal Psychology                        | 3            |
| <b>Total</b>  | <b>17-18</b> |

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 5010-Bracing, Taping & Wrapping Techniques                | 1         |
| A TR 5020-Emergency Care Procedures in AT                      | 3         |
| A TR 5090-Athletic Training Clinical Education I               | 1         |
| A TR 5200-Athletic Training Seminar A: An Introduction to A TR | 1         |
| B M S 5470-Introduction to Human Gross Anatomy                 | 4         |
| <b>Total</b>   | <b>10</b> |

| Semester 9 - Fourth Year  | Credit    |
|---|-----------|
| A TR 5130-Evaluation Methods & Treatment Tech (UB)**                                    | 3         |
| A TR 5220-Athletic Training Seminar C: Interprofessional Collaboration and Leadership** | 1         |
| A TR 5290-Athletic Training Clinical Education III**                                    | 3         |
| A TR 5450-Therapeutic Exercise & Rehab Interventions**                                  | 3         |
| <b>Total</b>  | <b>10</b> |

| Semester 8 - Fourth Year  | Credit    |
|---|-----------|
| A TR 5050-Therapeutic Modalities & Clinical Interventions*                    | 3         |
| A TR 5100-Evaluation Methods & Treatment Tech (LB)*                           | 3         |
| A TR 5210-Athletic Training Seminar B: Diagnostic Imaging and Lab Principles* | 1         |
| A TR 5190-Athletic Training Clinical Education II*                            | 3         |
| <b>Total</b>  | <b>10</b> |

| Semester 10 - Fifth Year (Summer)   | Credit   |
|---|----------|
| A TR 5150-Evidence Based Practice in Athletic Training                      | 2        |
| A TR 5230-Athletic Training Seminar D: Advanced Topics in Athletic Training | 1        |
| A TR 5390-Athletic Training Clinical Education IV                           | 2        |
| A TR 5600-General Medical and Behavioral Health Issues                      | 3        |
| <b>Total</b>  | <b>8</b> |

| Semester 12 - Fifth Year   | Credit   |
|--|----------|
| A TR 5750-Athletic Training Organization & Administration**                            | 3        |
| A TR 5240-Athletic Training Seminar E: Professional Development in Athletic Training** | 1        |
| A TR 5690-Athletic Training Clinical Education VI**                                    | 5        |
| <b>Total</b>   | <b>9</b> |

• **Optional experiences: A TR 5490A and A TR 5490B 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.