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| **Student Name:** |  |
| **Institution(s):** |  |

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|  | **Student-identified course(s) equivalent** | **Course Approval** |

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| MSAT Prerequisite Courses, Minimum Credit Hours, and Description/Comments | Course number(s) and credit hours  *ex. KIN 2500 (3)* | Course description(s) | Semester(s) taken | Grade received | Yes | No |
| Biology – 6 cr hr.  Two semesters (no lab required); May have been taken as general biology courses, biology for science majors, honors-level biology courses, or any combination. |  |  |  |  |  |  |
| Biomechanics – 3 cr hr.  Anatomical and mechanical analysis of human movement; emphasis on structure and function of bone and muscle, statics, dynamics, kinematics, kinetics, and projectile motion. |  |  |  |  |  |  |
| Chemistry – 3 cr hr.  No lab required; Modern chemical theories and principles; quantitative approach and problem solving; descriptive chemistry of selected elements and compounds. |  |  |  |  |  |  |
| Exercise Physiology – 3 cr hr.  Basic physiological concepts of the muscular, metabolic, cardiovascular, and circulo-respiratory systems; behavior of each system in relation to exercise; determination of normal and abnormal physical responses to exercise. |  |  |  |  |  |  |
| Human Anatomy and Physiology – 8 cr hr.  Some institutions offer human anatomy and physiology with labs as a combined course thus two semesters are required; other institutions offer human anatomy and human physiology as separate courses, thus both courses and in which both are required as well as labs. |  |  |  |  |  |  |
| Medical Terminology – 3 cr hr.  In-depth introduction to medical terminology, with a focus on body systems, medical specialties and medical communication. |  |  |  |  |  |  |
| Nutrition – 3 cr hr.  Principles of nutrition and their application in promoting health; guidelines for assessing nutritional status; emphasis on the adult. |  |  |  |  |  |  |
| Physics – 3 cr hr.  No lab required; May have been taken as a general physics course, physics for science majors, honors-level physics courses. |  |  |  |  |  |  |
| Psychology (General) – 3 cr hr.  Understanding, prediction and control of human behavior. May have been taken as a general psychology course, or honors-level psychology course. |  |  |  |  |  |  |
| Statistics – 3 cr hr.  Descriptive statistics; inferential statistical methods including confidence interval estimation and hypothesis testing for one and two population means and proportions; one-way ANOVA; simple linear regression and correlation; analysis of categorical data. |  |  |  |  |  |  |

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| * **The courses above have been reviewed by the athletic training program and are approved as indicated. Pre-requisite coursework COMPLETE.** | * **The courses above have been reviewed by the athletic training program and are approved as indicated. Pre-requisite coursework is INCOMPLETE.** |
| * **Remaining courses CURRENTLY IN PROGRESS. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | * **Remaining courses need to be taken in future semester(s).**   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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*LSU Program Representative Date***