# Teaching with Teacher Certification in Physical Education (Preschool-Grade 12) and Teacher of Students with Disabilities (M.A.T.)

## Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Additional Requirements for State Certification</strong></td>
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<tr>
<td></td>
<td><strong>Speech</strong></td>
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<tr>
<td>CMST 101</td>
<td>Fundamentals of Speech: Communication Requirement</td>
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<tr>
<td></td>
<td><strong>Physiology and Hygiene</strong></td>
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<td></td>
<td>Pass the MSU Health Knowledge Test available through the Center of Pedagogy or have the Undergraduate equivalent course approved by advisor</td>
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<tr>
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<td><strong>Additional Requirement</strong></td>
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<td>Select one of the following:</td>
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<tr>
<td>EDFD 582</td>
<td>Learning Theories</td>
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<tr>
<td>FSHD 515</td>
<td>Child Development II: Adolescence</td>
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</tr>
<tr>
<td>PSYC 560</td>
<td>Advanced Educational Psychology</td>
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## Teaching Field Requirements

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 110</td>
<td>The Biology of Human Life</td>
<td>4</td>
</tr>
<tr>
<td>HPEM 355</td>
<td>Assessment and Technology in Health and Physical Education</td>
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<tr>
<td>PEMJ 131</td>
<td>Fitness Activities</td>
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<tr>
<td>PEMJ 145</td>
<td>Dance in the Schools</td>
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<tr>
<td>PEMJ 152</td>
<td>Introduction to Fielding and Target Games</td>
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<tr>
<td>PEMJ 153</td>
<td>Introduction to Invasion and Net Games</td>
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</tr>
<tr>
<td>PEMJ 200</td>
<td>Human Motor Development</td>
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<tr>
<td>PEMJ 320</td>
<td>Physiology of Exercise</td>
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<tr>
<td>PEMJ 321</td>
<td>Kinesiology</td>
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</tr>
<tr>
<td>PEMJ 324</td>
<td>Basic Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>PEMJ 335</td>
<td>Teaching of Elementary Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PEMJ 351</td>
<td>Adapted Physical Education</td>
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## Graduation Level Physical Ed Courses

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>PEMJ 558</td>
<td>Teaching of Secondary Physical Education</td>
<td>3</td>
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<td>Select one of the following:</td>
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<tr>
<td>PEMJ 502</td>
<td>Methods of Inquiry and Analysis</td>
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<tr>
<td>PEMJ 505</td>
<td>Research Design</td>
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<tr>
<td>PEMJ 508</td>
<td>Management and Supervision in Sport and Fitness</td>
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<tr>
<td>PEMJ 510</td>
<td>Legal Aspects of Sport, Fitness and Physical Education</td>
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<tr>
<td>PEMJ 512</td>
<td>Facility Management in Sport, Fitness and Physical Education</td>
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<tr>
<td>PEMJ 514</td>
<td>Sport Marketing and Public Relations</td>
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<tr>
<td>PEMJ 521</td>
<td>Technology Integration in Exercise Science and Physical Education</td>
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<td>PEMJ 530</td>
<td>Exercise for Special Populations</td>
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<tr>
<td>PEMJ 531</td>
<td>Advanced Adapted Physical Education</td>
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<tr>
<td>PEMJ 539</td>
<td>Advanced Exercise Physiology</td>
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<td>PEMJ 540</td>
<td>Applied Sport Physiology</td>
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<td>PEMJ 541</td>
<td>Aerobic Testing and Programming</td>
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<td>PEMJ 542</td>
<td>Applied Cardiac Rehabilitation</td>
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<td>PEMJ 543</td>
<td>Theoretical Foundations for Strength and Conditioning</td>
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<td>PEMJ 544</td>
<td>Administration of Specialized Exercise Programs</td>
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<tr>
<td>PEMJ 546</td>
<td>Principles of Sports Conditioning</td>
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<td>PEMJ 547</td>
<td>Advanced Coaching Techniques</td>
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<td>PEMJ 548</td>
<td>Practicum in Individualized Exercise Programs</td>
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<tr>
<td>PEMJ 552</td>
<td>Seminar in Current Challenges in Athletics</td>
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<tr>
<td>PEMJ 554</td>
<td>Orientation to Sports Medicine</td>
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<td>PEMJ 557</td>
<td>Motor Behavior in Youth</td>
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<tr>
<td>PEMJ 559</td>
<td>Applied Sport Psychology</td>
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<tr>
<td>PEMJ 560</td>
<td>Curriculum in Physical Education</td>
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<tr>
<td>PEMJ 561</td>
<td>Advanced Biomechanics: Understanding Performance and Injuries</td>
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<td>PEMJ 562</td>
<td>Concepts in Physical Activity</td>
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<tr>
<td>PEMJ 565</td>
<td>Reflective Teaching in Physical Education</td>
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<tr>
<td>PEMJ 575</td>
<td>Sociological Foundations of Sport and Physical Education</td>
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<td>PEMJ 577</td>
<td>Supervision in Physical Education</td>
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<tr>
<td>PEMJ 580</td>
<td>Independent Study in Physical Education</td>
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## Total Credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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Total Credits: 44
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PEMJ 592</td>
<td>Selected Topics in Exercise Science and Physical Education</td>
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<tr>
<td>PEMJ 594</td>
<td>Internship in Sport and Exercise Science</td>
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<tr>
<td>PEMJ 598</td>
<td>Applied Project</td>
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Total Credits 41