As a means to demonstrate broad-based competencies across the liberal arts and sciences, all teacher education students are expected to have completed a general education core. The below chart lists the competency areas with the requirement for each area and an indication of whether you have completed or are in need of additional credits/courses.

<table>
<thead>
<tr>
<th>Competency Area</th>
<th>Requirement</th>
<th>Credits/Courses Completed</th>
<th>CREDITS/COURSES NEEDED*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Writing/English Composition</td>
<td>3-credit, 2nd-Semester College Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Pluralism</td>
<td>3 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arts/Artistic Expression</td>
<td>3 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td>3 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language other than English</td>
<td>3-credit, 2nd-Semester College Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematical Processes</td>
<td>3 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Sciences (lab based)</td>
<td>Two courses (minimum of 3 credits each)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social and Behavioral Sciences</td>
<td>3 credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Civilization</td>
<td>6 credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For students new to the University at Buffalo, please orient yourself to the library system through the available online Library Skills Workbook: http://library.buffalo.edu/help/instructional/libraryskillsworkbook.html.

*These credits/courses must be successfully completed (grade of C or better) before the University at Buffalo can submit a recommendation to the New York State Education Department for you to be issued an Initial Teacher Certificate. For advisement regarding the General Education Core in Liberal Arts and Sciences, please contact the Teacher Education Institute (http://gse.buffalo.edu/tei; 716-645-2461). A reference that provides examples of applicable departments and/or courses can be found on the reverse side of this document. If you already successfully completed a course that you think meets a requirement that has been indicated as a need, please provide relevant course information to the Teacher Education Institute so that this may be reviewed (oftentimes, course titles on transcripts do not provide sufficient information for us to make a determination).
To assist you with any indicated credits/courses needed, the following is a reference that provides examples of applicable departments and/or courses within the University at Buffalo.

- **Advanced Writing/English Composition**
  - ENG 201 (or any 200/300/400-level course that is designated as writing intensive)

- **American Pluralism** (or equivalent)
  - UGC 211 – American Pluralism
  - ARC 211 – Diversity and Design
  - DMS 213 – Immigration and Film
  - HIS 161 – US History I
  - HIS 162 – US History II
  - LIN 200 – Language in Pluralistic America
  - SOC 211 – Sociology of Diversity

- **Arts/Artistic Expression**
  - AHI – Art History
  - ARC 121 – Introduction to Architecture
  - ART – Art
  - DMS – Media Studies
  - MTR – Music Theatre
  - MUS – Music
  - TH – Theatre
  - THD – Theatre Dance

- **Humanities**
  - AAS – African American Studies
  - AMS – American Studies
  - CL – Classics
  - COL – Comparative Literature
  - ENG – English
  - FR – French
  - GER – German
  - HIS – History
  - ITA – Italian
  - PHI – Philosophy
  - RSP – Religious Studies
  - SPA – Spanish
  - WLP – World Languages
  - WS – Women’s Studies

- **Language other than English**
  - American Sign Language
  - Classics (must be a language course, such as Greek or Latin)
  - Linguistics (must be a language course, such as Chinese or German)
  - Romance Languages and Literatures (must be a language course, such as French or Spanish)

- **Mathematical Processes**
  - Computer Science
  - Logic
  - Mathematics
  - Statistics

- **Natural Sciences** *(note: nutrition is not acceptable); coursework must include laboratory experiences*
  - Biology
  - Chemistry
  - GEO 101 & 106 – Earth Systems Science I & II
  - Geology
  - Physics

- **Social and Behavioral Sciences**
  - APY – Anthropology
  - ARC 122 – Environmental Behavior and Design
  - CDS – Communicative Disorders and Sciences
  - COM – Communication
  - ECO – Economics
  - GEO – Geography
  - LIN – Linguistics
  - PD 120 – Introduction to Urban Studies
  - PD 212 – Urban and Environmental Planning
  - PSC – Political Science
  - PSY – Psychology
  - SOC – Sociology
  - SSC – Interdisciplinary Degree Programs Social Sciences

- **World Civilization**
  - UGC 111 & 112 – World Civilization I & II
  - Coursework in humanities and/or social sciences that focuses on culture/civilization *(at least three credits must be explicitly focused on culture/civilization beyond Western culture/civilization and may include globally-focused courses, such as world politics)*

If you plan to register for undergraduate coursework at the University at Buffalo while you are enrolled as a graduate student, you must submit a petition (see [http://registrar.buffalo.edu/forms/documents/OutsideofCareerPetition.pdf](http://registrar.buffalo.edu/forms/documents/OutsideofCareerPetition.pdf)). This coursework may be completed at any accredited institution of higher education (including as an online course) and/or through exam credit determined to be equivalent to an indicated course (for information about exam credit, see [http://tas.buffalo.edu/altexam/index.php](http://tas.buffalo.edu/altexam/index.php)).