Pre-requisites for the SMCM MAT for certification in Chemistry, Grades 7-12

For applicants graduating from St. Mary’s College of Maryland (for others, see next page)

**General requirements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **Check if Complete** | **Semester Taken/ Date Completed** | **Score/Grade/**  **GPA** |
| **Select**  **One:** | \_\_\_\_SAT reading + math > 1100  \_\_\_\_ACT > 24  \_\_\_\_GRE > 297  \_\_\_\_(Praxis core reading > 156 and Praxis core writing > 162 and Praxis core math > 150)  Copies of student score reports are acceptable |  |  |  |
| [Praxis II Chemistry: Content Knowledge](https://www.ets.org/praxis/prepare/materials/5245) (5245) passed by start of MAT | |  |  |  |
| GPA > 3.0 | |  |  |  |
| Bachelor’s degree completed by start of MAT | |  |  |  |

**Education pre-requisites** (for qualified applicants, these pre-requisites can also be fulfilled via our fast-track summer program)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **Check if Complete** | **Semester Taken** | **Grade** |
| **EDUC 206: Education in America** | |  |  |  |
| **EDUC 386:Literacy in the Content Areas for Secondary Teachers: Part I** (can be fulfilled with EDUC 286) | |  |  |  |
| **EDUC 336: Exceptionality**  *(pre-reqs: EDUC 206, PSYC 101; fulfills ELAW)* | |  |  |  |
| **EDUC/PSYC 368: Educational Psychology**  *(pre-reqs: EDUC 206, PSYC 101; fulfills ELAW)* | |  |  |  |
| **Select**  **One:** | \_\_\_\_\_**PSYC 333: Adolescence**  \_\_\_\_\_**PSYC 230: Lifespan** |  |  |  |
| **EDUC 491: ESL Across the Curriculum**  *(pre-req: EDUC/PSYC 368)* | |  |  |  |
| ***C or above in each of these classes (C- will not count)*** | | | | |

**Content pre-requisites for 2012 NSTA Content Analysis Form: Chemistry, Tables A & B**

|  |  |  |
| --- | --- | --- |
|  | **Check if Complete** | **GPA in Major** |
| A major in Chemistry (ACS certified) or Biochemistry |  |  |

Pre-requisites for the SMCM MAT for certification in Chemistry, Grades 7-12

For applicants from other institutions (for SMCM, see previous page)

**Test scores**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **Check if Complete** | **Semester Taken/ Date Completed** | **Score/Grade/**  **GPA** |
| GRE > 297; Copies of student score reports are acceptable | |  |  |  |
| [Praxis II Chemistry: Content Knowledge](https://www.ets.org/praxis/prepare/materials/5245) (5245) passed by start of MAT | |  |  |  |
| GPA > 3.0 | |  |  |  |
| Bachelor’s degree completed by start of MAT | |  |  |  |
| Coursework on diversity or non-western cultures | |  |  |  |

**Education pre-requisites** (for qualified applicants, these pre-requisites can also be fulfilled via our fast-track summer program)

|  |  |  |
| --- | --- | --- |
| **Requirement** | **How requirement is met** | **Grade** |
| A course in educational foundations |  |  |
| A course in reading across the content areas, grades 7-12 |  |  |
| A course in special education |  |  |
| A course in educational psychology |  |  |
| A course in adolescent development or human development |  |  |
| A course in how to teach English language learners |  |  |
| **C or above in each of these classes (C- will not count)** | | |

**Content pre-requisites for 2012 NSTA Content Analysis Form: Chemistry, Tables A & B**

|  |  |  |
| --- | --- | --- |
| **Requirement** | **How requirement is met** | **Grade/GPA** |
| A major in chemistry or biochemistry |  |  |
| At least 20 credits in chemistry at the 300 or 400 level |  |  |

**Recommended content (especially for anyone who would like to teach middle school)**

|  |  |  |
| --- | --- | --- |
|  | **How requirement is met** | **Grade** |
| A year of physics |  |  |
| At least one earth and space science class |  |  |
| A year of biology |  |  |