**Crosscutting Subject Matter Knowledge (SMK) Matrix (Required)**

| Sponsoring Organization: |  |
| --- | --- |
| Licensure Program (License and Grade Level): ­ |  |

| **Crosscutting Subject Matter Knowledge (SMK) Requirement** | **Course(s) that cover the knowledge needed to meet these requirements** | | | |
| --- | --- | --- | --- | --- |
| Basic | Functional | Fluent | Expert |
| Support the integration of standards for literacy across the content areas as outlined in the [2017 ELA/Literacy Framework](http://www.doe.mass.edu/frameworks/ela/2017-06.pdf). |  |  |  |  |
| Apply basic principles and concepts for digital literacy and computer science in Computing and Society, Digital Tools and Collaboration, and Computing Systems as outlined in the [2016 Digital Literacy Computer Science Framework](http://www.doe.mass.edu/frameworks/dlcs.docx). |  |  |  |  |
| Apply the theories of cognitive, social, emotional, language, and physical development from childhood through adolescence. |  |  |  |  |
| Understand the characteristics and instructional implications of moderately and severely disabling conditions. |  |  |  |  |
| Apply special education policies and procedures. |  |  |  |  |
| Support English learners through English learner education instruction. |  |  |  |  |