

# Graduation Checklist for B.S. in Applied Mathematics with Track in Computational Mathematics

Name \_\_\_\_\_ Email \_\_\_\_\_ Student # \_\_\_\_\_

| Core Area A (9 hrs) |       |        |     |
|---------------------|-------|--------|-----|
| Course              | Grade | Sem/Yr | Hrs |
| ENGL 1101           |       |        | 3   |
| ENGL 1102           |       |        | 3   |
| MATH 1113           |       |        | 3   |

| Core Area B (4 hrs) |  |  |   |
|---------------------|--|--|---|
| PERS <sup>1</sup>   |  |  | 2 |
| PERS <sup>1</sup>   |  |  | 2 |

<sup>1</sup> Each must be from a different area of Perspectives, 21xx, 22xx, ..., 27xx.

| Core Area C (6 hrs)      |  |  |   |
|--------------------------|--|--|---|
| ENGL 2111, 2112, or 2113 |  |  | 3 |
| <sup>1</sup>             |  |  | 3 |

<sup>1</sup> For. lang. preferred. or ART 1100; COMM 1100, 1110; DANC 1500; MUSC 1100, 1110, 1120, 1130; MDIA 2000; THEA 1100; PHIL 2010, 2020; REL 2020; WGST 2010; ENGL 2111, 2112, 2113

| Core Area D.2.a (11 hrs)                |  |  |   |
|-----------------------------------------|--|--|---|
| MATH 2261 <sup>1</sup> (MATH 1112/1113) |  |  | 3 |
| <sup>2</sup>                            |  |  | 4 |
| <sup>2</sup>                            |  |  | 4 |

<sup>1</sup> One hr. spills to Area F  
<sup>2</sup> BIOL 1107/L, 1108/L (requires sub); CHEM 1211/L, 1212/L

| Core Area E (12 hrs) |  |  |   |
|----------------------|--|--|---|
| HIST 2111 or 2112    |  |  | 3 |
| POLS 1101            |  |  | 3 |
| <sup>1</sup>         |  |  | 3 |
| <sup>1</sup>         |  |  | 3 |

<sup>1</sup> AFAM/WGST 2020; ANTH 1102; ECON 1500, 1900; GEOG 1100, 1101, 1102, 1103; HIST 1011, 1012, 1013; POLS 2101, 2401, 2501; PSYC 2500; SOCI 1101, 1160

| Core Area F (18 hrs)   |       |        |     |
|------------------------|-------|--------|-----|
| Course                 | Grade | Sem/Yr | Hrs |
| MATH 2262 (MATH 2261)  |       |        | 4   |
| MATH 2263 (MATH 2262)  |       |        | 4   |
| PHYS 2211              |       |        | 4   |
| PHYS 2212              |       |        | 4   |
| CS 1301 <sup>1</sup>   |       |        | 1   |
| MATH 2261 <sup>2</sup> |       |        | 1   |

<sup>1</sup> 3 hrs spilled to Supporting Courses

<sup>2</sup> 1 hr spilled from Area D

| Courses Required for the Major (36 hrs) |  |  |   |
|-----------------------------------------|--|--|---|
| MATH 2150 (MATH 2261)                   |  |  | 3 |
| MATH 3040 (MATH 2262)                   |  |  | 3 |
| MATH 3340 (MATH 2262)                   |  |  | 3 |
| MATH 3600 (MATH 2262)                   |  |  | 3 |
| MATH 3700 (MATH 2261 & 3600)            |  |  | 3 |
| MATH 4150 (MATH 2150 & 3040)            |  |  | 3 |
| MATH 4155 (MATH 2261 & CS**)            |  |  | 3 |
| MATH 4260 (MATH 3040)                   |  |  | 3 |
| MATH 4621 (MATH 2263 & 3600)            |  |  | 3 |
| MATH 4651 (MATH 2262 & CS 1301)         |  |  | 3 |
| MATH 4901 (MATH 2150 or 4150)           |  |  | 3 |
| MATH 4910 (MATH 2263 & 3600)            |  |  | 3 |

\*\* CS 1010 or CS 1301 required

| Supporting Courses (6-9 hrs) |  |  |   |
|------------------------------|--|--|---|
| <sup>1</sup>                 |  |  | 3 |
| <sup>1</sup>                 |  |  | 3 |
| CS 1301 <sup>2</sup>         |  |  | 3 |

<sup>1</sup> For. Lang. sequence. Second slot not needed if first course taken in Area C.  
<sup>2</sup> 3 hrs spilled from Area F.

| Electives 1 (6 hrs)          |  |  |   |
|------------------------------|--|--|---|
| CS 1010                      |  |  | 3 |
| <sup>1</sup> CS 1302 or 1340 |  |  | 3 |

<sup>1</sup> CS 1302 is 4 credits, but only 3 count in this area.

| Electives 2 (9-12 hrs)            |  |  |   |
|-----------------------------------|--|--|---|
| MATH 4990(special topics)         |  |  | 3 |
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| <sup>1</sup>                      |  |  | 3 |
| <sup>1</sup> Elective (if needed) |  |  | 3 |

<sup>1</sup> CS 3300, 3335, 4731, 4825

| Legislative Requirements |  |            |  |           |  |
|--------------------------|--|------------|--|-----------|--|
| Regents Reading          |  | US History |  | US Const. |  |
| Regents Writing          |  | GA History |  | GA Const. |  |

**C or better required for all MATH and CS Courses**