

IST Undergraduate Course Co/Prerequisites (Fall 2017)

IMPORTANT NOTES:

1. PRerequisites must be completed PRIOR TO the course for which it is required.
2. COrequisites can be completed PRIOR TO or CONCURRENTLY WITH the course for which it is required.

This guide is meant to help clarify prerequisite and corequisites for courses within the BSAIT/BSINFT. The official prerequisite listing can be found in the most recent catalog at catalog.gmu.edu. Prerequisites and Corequisites are tied to the semester the courses are taught, not to a student's individual catalog year

| CO/PREREQUISITE(S) | COURSE | CATEGORY | REQUIRED BY |
|---|---------------|--|---|
| Corequisite(s): Grade of C or better in (MATH 108 or MATH 113) | IT 102 | Foundation | Coreq of IT 106; Prereq of IT 206, IT 207, IT 216, IT 300, IT 306, IT 441, IT 445, IT 466; |
| None | IT 104 | Foundation | Prereq of IT 106, IT 213, IT 214, IT 223, IT 304, IT 357 |
| None | IT 105 | Foundation | Prereq of IT 223, IT 300, IT 341, IT 342, IT 353, IT 429, IT 455, IT 462 |
| Prerequisite(s): C or better in IT 103 or IT 104 Corequisite(s): IT 102 or MATH 112 or MATH 125 | IT 106 | Foundation and ITE Concentration Gateway | Prereq of IT 206, IT 207, 216, IT 314, IT 331, IT 341, IT 342, IT 390, IT 436, IT 465, IT 469, IT 490, IT 495, IT 496 |
| Prerequisite(s): Grade of C or better in (IT 106 or IT 196) and (IT 102 or MATH 112 or MATH 125) | IT 206 | Foundation and DTP Concentration Gateway | Prereq of IT 306, IT 308, IT 315, IT 366, IT 410, IT 466, IT 492 |
| Prerequisite(s): C or better in (IT 106 or IT 196 or CS 112) and (IT 102 or MATH 112 or MATH 125) and (IT 214 or IT 194) | IT 207 | Core | Prereq of IT 369, IT 492 |
| Prerequisite(s): C or better in (IT 103 or IT 104) | IT 213 | Core and WDM Concentration Gateway | Prereq of IT 315, IT 331, IT 332, IT 335, IT 357, IT 390, IT 415, IT 431, IT 436, IT 492 |
| Prerequisite(s): Grade of C or better in (IT 103 or IT 104 or CS 112) | IT 214 | Core and HIT and DTP Concentration Gateway | Prereq of IT 207, IT 216, IT 314, IT 322, IT 324, IT 344, IT 390, IT 414, IT 436, IT 492 |
| Prerequisite(s): C or better in (IT 106 or IT 196 or CS 112) and (IT 102 or IT 206 or CS 211) and (IT 214 or IT 194) | IT 216 | Foundation | |
| Prerequisite(s): C or better in (IT 101 or IT 105) and (IT 103 or IT 104) | IT 223 | Core and INFS Concentration Gateway | Prereq of IT 353, IT 366, IT 369, IT 429, IT 462, IT 466, IT 467, IT 492 |
| Prerequisite(s): Sophomore standing | IT 293 | Other Major Requirements | Prereq of IT 343 |
| Prerequisite(s): Grade of C or better in ((IT 101 and IT 212) or IT 105) and (MATH 108 or MATH 113) and (IT 102 or MATH 112 or MATH 125) | IT 300 | Core | Coreq of IT 341 Prereq of IT 484, IT 488 |
| Prerequisite(s): C or better in (IT 103 or IT 104) | IT 304 | Core | |
| Prerequisite(s): Grade of C or better in (IT 102 or MATH 112 or MATH 125) and grade of B or better in (IT 206 or CS 211) | IT 306 | DTP Concentration | |
| Prerequisite(s): Grade of B or better in (IT 206 or CS 211) | IT 308 | DTP Concentration | |
| Prerequisite(s): Grade of C or better in (IT 106 or IT 196 or CS 112), and grade of B or better in (IT 214 or IT 194) | IT 314 | DTP Concentration | Prereq of IT 414 |
| Prerequisite(s): Grade of C or better in (IT 206 or CS 211), and a grade of B or better in (IT 213 or IT 193) | IT 315 | DTP, ITE, WDM Concentrations | |

IST Undergraduate Course Co/Prerequisites (Fall 2017)

| | | | |
|--|---------------|-------------------------------------|--|
| Prerequisite(s): Grade of C or better in (STAT 250 or STAT 344), and grade of B or better in (IT 214 or IT 194) | IT 322 | DTP, HIT Concentrations | |
| Prerequisite(s): Grade of B or better in (IT 214 or IT 194) | IT 324 | HIT Concentration | |
| Prerequisite(s): Grade of C or better in (IT 106 or IT 196 or CS 112) and grade of B or better in (IT 213 or IT 193) | IT 331 | WDM Concentration | Prereq of IT 431 |
| Prerequisite(s): Grade of B or better in (IT 213 or IT 193) | IT 332 | WDM Concentration | |
| Prerequisite(s): Grade of B or better in (IT 213 or IT 193) | IT 335 | WDM Concentration | |
| Prerequisite(s): Grade of C or better in ((IT 101 and IT 212) or IT 105) and (IT 106 or IT 196 or CS 112) and (MATH 108 or MATH 113) Corequisite(s): IT 300 | IT 341 | Core and NTEL Concentration Gateway | Prereq of IT 344, IT 441, IT 445, IT 465, IT 466, IT 484, IT 488, IT 492 |
| Prerequisite(s): Grade of C or better in ((IT 101 and IT 212) or IT 105), and (IT 106 or IT 196) | IT 342 | Core | |
| Prerequisite(s): Grade of C or better in IT 293 and Junior Standing | IT 343 | Core, Writing-intensive Requirement | Prereq of IT 492 |
| Prerequisite(s): Grade of C or better in IT 341, and grade of B or better in (IT 214 or IT 194) | IT 344 | DTP Concentration | |
| Prerequisite(s): Grade of C or better in IT 223 and [(IT 101 and IT 212) or IT 105] and (IT 106 or IT 196 or CS 112) and IT 342. | IT 352 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in (IT 101 or IT 105), and grade of B or better in IT 223 | IT 353 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in (IT 103 or IT 104), and grade of B or better in IT 223. | IT 357 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in (IT 206 or CS 211) and grade of B or better in IT 223 | IT 366 | INFS, NTEL Concentrations | Prereq of IT 467 |
| Prerequisite(s): Grade of C or better in IT 207 and grade of B or better in IT 223 | IT 369 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in (IT 213 or IT 193) and (IT 214 or IT 194), and a grade of B or better in (IT 106 or IT 196 or CS 112) | IT 390 | DTP, HIT, ITE, WDM Concentrations | Prereq of IT 490 |
| Prerequisite(s): Grade of B or better in (IT 206 or CS 211) | IT 410 | DTP Concentration | |
| Prerequisite(s): Grade of C or better in IT 314 and grade of B or better in (IT 214 or IT 194) | IT 414 | DTP Concentration | |
| Prerequisite(s): Grade of B or better in (IT 213 or IT 193) | IT 415 | WDM Concentration | |
| Prerequisite(s): Grade of C or better in (IT 105 or IT 212), and grade of B or better in IT 223 | IT 429 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in IT 331 and grade of B or better in (IT 213 or IT 193) | IT 431 | WDM Concentration | |
| Prerequisite(s): Grade of C or better in (IT 106 or IT 196 or CS 112), and (IT 214 or IT 194) and grade of B or better in (IT 213 or IT 193) | IT 436 | WDM Concentration | |
| Prerequisite(s): Grade of C or better in (IT 102 or MATH 112 or MATH 125), and grade of B or better in IT 341 | IT 441 | NTEL Concentration | |
| Prerequisite(s): Grade of B or better in (IT 341 or IT L341) | IT 445 | NTEL Concentration | |
| Prerequisite(s): Grade of C or better in (IT 101 or IT 105) and (IT 102 or MATH 112 or MATH | IT 455 | NTEL Concentration | |

IST Undergraduate Course Co/Prerequisites (Fall 2017)

| | | | |
|--|-----------------|--------------------------|--|
| 125), and grade of B or better in (IT 341 or IT L341) | | | |
| Prerequisite(s): (IT 105 or IT 212), and grade of “B” or better in IT 223. | IT 462 | INFS Concentration | |
| Prerequisite(s): Grade of C or better (IT 106 or IT 196 or CS 112), and grade of B or better in IT 341. | IT 465 | NTEL Concentration | |
| Prerequisite(s): Grade of B or better in IT 223 and grade of C or better in IT 341 and (IT 206 or CS 211) and (IT 102 or MATH 112 or MATH 125). | IT 466 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in IT 366 and grade of B or better in IT 223. | IT 467 | INFS Concentration | |
| Prerequisite(s): Grade of C or better in IT 300, and grade of B or better in IT 341 | IT 484 | NTEL Concentration | |
| Prerequisite(s): Grade of C or better in (MATH 108 or MATH 113) and IT 300 and grade of B or better in IT 341. | IT 488 | NTEL Concentration | |
| Prerequisite(s): Grade of C or better in IT 390 and grade of B or better in (IT 106 or IT 196 or CS 112) | IT 490 | DTP, ITE Concentrations | |
| Prerequisite(s): Grade of C or better in (IT 206 or CS 211) and IT 207 and (IT 213 or IT 193) and (IT 214 or IT 194) and IT 223 and IT 300 and IT 341 and IT 343 and (MBUS 300 or MSOM 300) and senior standing | IT 492 | Capstone | Prereq of IT 493 |
| Prerequisite(s): C or better in IT 492 | IT 493 | Capstone | |
| Prerequisite(s): Grade of B or better in (IT 106 or IT 196), and senior standing. | IT 495 | ITE Concentration | |
| Prerequisite(s): Grade of B or better in (IT 106 or IT 196 or CS 112). | IT 496 | ITE Concentration | |
| Prerequisite(s): Grade of C or better in (MATH 125 or MATH 114 or IT 102) | ECE 301 | NTEL Concentration | |
| None | HAP 360 | HIT Concentration | |
| MATH 108 Prerequisite(s): Minimum score of 13 in “Math Placement Algebra I” | MATH 108 | Other Major Requirements | Coreq of IT 102; Prerequisite of IT 300, IT 341, IT 488 |
| MATH 113 Prerequisite(s): Minimum score of 07 in “Math Placement Transcendentals” or C or better in MATH 104 or MATH 105 | MATH 113 | Other Major Requirements | Coreq of IT 102; Prerequisite of IT 300, IT 341, IT 488 |
| Prerequisites(s): Minimum score of 13 in “Math Placement Algebra I” or grade of C or better in (MATH 105 or MATH 108 or MATH 113) | MATH 125 | Foundation | Coreq of IT 106; Prereq of IT 206, IT 207, IT 216, IT 300, IT 306, IT 441, IT 445, IT 466, ECE 301 |
| Prerequisite(s): Completion of 30 credits (sophomore standing) | MBUS 300 | Core | Prereq of IT 492 |
| Prerequisite(s): Minimum sophomore standing | MBUS 304 | ITE Concentration | |
| None | STAT 250 | Foundation | Prereq of IT 322, STAT 362, SYST 469 |
| Prerequisite(s): Grade of C or better in (STAT 250 or STAT 260 or BUS 310) | STAT 362 | HIT Concentration | |
| Prerequisite(s): Grade of C or better in (STAT 250 or STAT 344 or STAT 346 or MATH 351) and (IT 106 or CS 112) | SYST 469 | Core | |