

IST Undergraduate Course Co/Prerequisites (Fall 2019)

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 higher in MATH 108 or MATH 113	IT 102	Foundation	Coreq of IT 106, IT 109 Prereq of IT 206, IT 207, IT 209, IT 216, IT 300, IT 306, IT 309, IT 441, IT 455, IT 466, ECE 301
None	IT 104	Foundation	Prereq of IT 106, IT 109, 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): Grade of C or higher in IT 103 or IT 104 or IT 191 Corequisite(s): IT 102 or MATH 112 or MATH 125	IT 106	Foundation and ITE Gateway (ITE is not a valid concentration in the 2019-2020 catalog)	Prereq of IT 206, IT 207, 216, IT 314, IT 331, IT 341, IT 342, IT 465, SYST 469
Prerequisite(s): Grade of C or higher in (IT 103 or IT 104 or IT 191) Corequisite(s): (IT 102 or MATH 112 or MATH 125)	IT 109	Foundation and ITE Gateway (ITE is not a valid concentration in the 2019-2020 catalog)	Prereq of IT 207, IT 209, IT 216, IT 314, 331, IT 341, IT 342, IT 465, SYST 469
Prerequisite(s): Grade of C or higher 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 216, IT 306, IT 315, IT 366, IT 390, IT 410, IT 466, IT 492
Prerequisite(s): C or higher in (IT 106 or IT 196 or IT 109 or CS 112) and (IT 102 or MATH 112 or MATH 125) and (IT 214 or IT 194)	IT 207	Core	Coreq of IT 369 Prereq of IT 492
Prerequisite(s): Grade of C or higher in IT 109 and (IT 102 or MATH 112 or MATH 125)	IT 209	Foundation and DTP Concentration Gateway	Prereq of IT 216, IT 309, IT 315, IT 366, IT 390, IT 409, IT 466, IT 492
Prerequisite(s): C or higher in (IT 103 or IT 104 or IT 191)	IT 213	Core and WDM/WDEV Concentration Gateway	Prereq of IT 315, IT 331, IT 332, IT 335, IT 390, IT 415, IT 431, IT 492
Prerequisite(s): Grade of C or higher in (IT 103 or IT 104 or IT 191 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 390, IT 414, IT 492
Prerequisite(s): Grade of C or higher in (IT 106 or IT 196 or IT 109 or CS 112) and (IT 214 or IT 194) and (IT 102 or IT 206 or IT 209 or CS 211)	IT 216	Foundation	Prereq of IT 306, IT 309
Prerequisite(s): Grade of C or higher in (IT 101 or IT 105) and (IT 103 or IT 104 or IT 191)	IT 223	Core and INFS Concentration Gateway	Prereq of IT 353, IT 357, IT 366, IT 369, IT 429, IT 462, IT 466, IT 467, IT 492
Prerequisite(s): Students with a class of Freshman may not enroll	IT 293	Other Major Requirements	Prereq of IT 343
Prerequisite(s): Grade of C or higher 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 492
Prerequisite(s): C or higher in (IT 103 or IT 104 or IT 191)	IT 304	Core	
Prerequisite(s): Grade of C or higher in (IT 102 or MATH 112 or MATH 125) and IT 216 and a grade of B or higher in (IT 206 or CS 211)	IT 306	DTP Concentration	

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Prerequisite(s): Grade of C or higher in (IT 102 or MATH 112 or MATH 125) and IT 216 and a grade of B or higher in IT 209	IT 309	DTP Concentration	
Prerequisite(s): Grade of C or higher in (IT 106 or IT 196 or IT 109 or CS 112) and grade of B or higher in (IT 214 or IT 194)	IT 314	DTP Concentration	Prereq of IT 414
Prerequisite(s): Grade of C or higher in (IT 206 or IT 209 or CS 211) and a grade of B or higher in (IT 213 or IT 193)	IT 315	DTP, WDM/WDEV, ITE Concentrations (ITE is not a valid concentration in the 2019-2020 catalog)	
Prerequisite(s): Grade of C or higher in (STAT 250 or STAT 344) and grade of B or higher in (IT 214 or IT 194)	IT 322	DTP, HIT Concentrations	
Prerequisite(s): Grade of B or higher in (IT 214 or IT 194)	IT 324	HIT Concentration	
Prerequisite(s): Grade of C or higher in (IT 106 or IT 196 or IT 109 or CS 112) and grade of B or higher in (IT 213 or IT 193)	IT 331	WDM/WDEV Concentration	Prereq of IT 431
Prerequisite(s): Grade of B or higher in (IT 213 or IT 193)	IT 332	WDM/WDEV Concentration	
Prerequisite(s): Grade of B or higher in (IT 213 or IT 193)	IT 335	WDM/WDEV Concentration	
Prerequisite(s): Grade of C or higher in ((IT 101 and IT 212) or IT 105) and (IT 106 or IT 196 or IT 109 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 higher in ((IT 101 and IT 212) or IT 105) and (IT 106 or IT 196 or IT 109 or CS 112)	IT 342	Core	Prereq of IT 352
Prerequisite(s): Grade of C or higher in IT 293. Enrollment is limited to students with a class of junior, Senior Plus, or Senior	IT 343	Core, Writing-intensive Requirement	Prereq of IT 492
Prerequisite(s): Grade of C or higher in ((IT 101 and IT 212)) or IT 105) and (IT 106 or IT 196 or IT 109 or CS 112) and IT 342, and grade of B or higher in IT 223	IT 352	INFS/CYBR Concentration	
Prerequisite(s): Grade of C or higher in (IT 101 or IT 105) and grade of B or higher in IT 223	IT 353	INFS/CYBR Concentration	
Prerequisite(s): (IT 103 or IT 104 or IT 191) and grade of B or higher in IT 223.	IT 357	INFS/CYBR Concentration	
Prerequisite(s): Grade of C or higher in (IT 206 or IT 209 or CS 211) and grade of B of higher in IT 223	IT 366	INFS/CYBR, NTEL Concentrations	Prereq of IT 467
Prerequisite(s): Grade of B or higher in IT 223 Corequisite(s): Grade of C or higher in IT 207	IT 369	DTP, INFS/CYBR Concentration	Coreq of IT 462
Prerequisite(s): Grade of C or higher in (IT 213 or IT 193) and (IT 214 or IT 194), and a grade of B or higher in (IT 206 or IT 209 or CS 211).	IT 390	DTP, HIT, WDM/WDEV, ITE Concentrations (ITE is not a valid concentration in the 2019-2020 catalog)	
Prerequisite(s): Grade of B or higher in (IT 209 or CS 211)	IT 409	DTP Concentration	
Prerequisite(s): Grade of B or higher in (IT 206 or CS 211)	IT 410	DTP Concentration	
Prerequisite(s): Grade of C or higher in IT 314 and grade of B or higher in (IT 214 or IT 194)	IT 414	DTP Concentration	
Prerequisite(s): Grade of B or higher in (IT 213 or IT 193)	IT 415	WDM/WDEV Concentration	

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Prerequisite(s): Grade of C or higher in (IT 105 or IT 212), and grade of B or higher in IT 223	IT 429	INFS/CYBR Concentration	
Prerequisite(s): Grade of C or higher in IT 331 and grade of B or higher in (IT 213 or IT 193)	IT 431	WDM/WDEV Concentration	
Prerequisite(s): Grade of C or higher in (IT 102 or MATH 112 or MATH 125) and grade of B or higher in (IT 341 or IT L341)	IT 441	NTEL Concentration	
Prerequisite(s): Grade of B or higher in (IT 341 or IT L341)	IT 445	NTEL Concentration	
Prerequisite(s): Grade of C or higher in (IT 101 or IT 105) and (IT 102 or MATH 112 or MATH 125) and grade of B or higher in (IT 341 or IT L341)	IT 455	NTEL Concentration	
Prerequisite(s): Grade of C or higher in (IT 105 or IT 212) and grade of B or higher in IT 223 Corequisites(s): IT 369	IT 462	INFS Concentration	
Prerequisite(s): Grade of C or higher (IT 106 or IT 196 or IT 109 or CS 112) and grade of B or higher in (IT 341 or IT L341)	IT 465	NTEL Concentration	
Prerequisite(s): Grade of B or higher in IT 223 and grade of C or higher in (IT 341 or IT L341) and (IT 206 or IT 209 or CS 211) and (IT 102 or MATH 112 or MATH 125)	IT 466	INFS/CYBR Concentration	
Prerequisite(s): Grade of C or higher in IT 366 and grade of B or higher in IT 223	IT 467	INFS/CYBR Concentration	
None	IT 479	WDM/WDEV Concentration	
Prerequisite(s): Grade of C or higher in IT 300, and grade of B or higher in (IT 341 or IT L341)	IT 484	NTEL Concentration	
Prerequisite(s): Grade of C or higher in (MATH 108 or MATH 113) and IT 300 and grade of B or higher in (IT 341 or IT L341)	IT 488	NTEL Concentration	
Prerequisite(s): Grade of C or higher in (IT 206 or IT 209 or CS 211), IT 207, (IT 213 or IT 193), (IT 214 or IT 194), IT 223, IT 300, (IT 341 or IT L341), IT 343, (MBUS 300 or ACCT 203), and senior standing	IT 492	Capstone	Prereq of IT 493
Prerequisite(s): Grade of C or higher in IT 492	IT 493	Capstone	
Prerequisite(s): A Grade of C or higher in Mason Core Information Technology and Computing Course (recommended)	IT 495	ITE Concentration (ITE is not a valid concentration in the 2019-2020 catalog)	
Prerequisite(s): A Grade of B or higher in (IT 106 or IT 196 or IT 109 or CS 112)	IT 496	ITE Concentration (ITE is not a valid concentration in the 2019-2020 catalog)	
Prerequisite(s): Grade of C or higher in (MATH 125 or MATH 112 or MATH 114 or IT 102 or MATH 116)	ECE 301	NTEL Concentration	
None	HAP 360	HIT Concentration	
Prerequisite(s): Minimum score of 13 in 'Math Placement Algebra I'	MATH 108	Other Major Requirements	Coreq of IT 102 Prereq of IT 300, IT 341, IT 488
Prerequisite(s): Minimum score of 07 in 'Math Placement Transcendentals', or grade of C or better in (MATH 105 or 104)	MATH 113	Other Major Requirements	Corequisite of IT 102; Prerequisite of IT 300, IT 341, IT 488
Prerequisite(s): Score of 13 or higher on the Math Placement Algebra I, or Grade of C or better in MATH 105 or 108 or 113	MATH 125	Foundation	Coreq of IT 106 or IT 109; Prereq of IT 206, IT 207, IT 216, IT 300, IT 306, IT 441, IT 445, IT 466 Prereq of ECE 301

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Prerequisite(s): Sophomore standing (recommended)	MBUS 300	Core	Prereq of IT 492
None	MBUS 304	ITE Concentration (ITE is not a valid concentration in the 2019-2020 catalog)	
None	STAT 250	Foundation	Prereq of IT 322, STAT 362, SYST 469
Prerequisite(s): Grade of C or higher (STAT 250 or STAT 260 or BUS 310 or STAT 344)	STAT 362	HIT Concentration	
Prerequisite(s): Grade of C or higher in (STAT 250 or 260 or 334 or 344 or MATH 351) and (IT 106 or IT 196 or IT 109 or CS 112)	SYST 469	Core	