

BU Digital Forensics Degree Checklist

Effective Fall 2016

REQUIRED DF Courses (24 credits)	Credits	Grade	Semester/Year
DIGFOR 121 Digital Forensics File Systems 1	3		
DIGFOR 122 Digital Forensics File Systems 2	3		
DIGFOR 219 Intro to Linux for D.F.	3		
DIGFOR 275 Introduction to Networks	3		
DIGFOR 311 Security Fundamentals	3		
DIGFOR 317 Digital Forensics Software	3		
DIGFOR 318 Small Devices	3		
DIGFOR 417 Advanced Topics in Digital Forensics	3		

Digital Forensics Electives (At least 9 credits)	Credits	Grade	Semester/Year
DIGFOR 257 Secure System Design and Administration	3		
DIGFOR 319 UNIX/LINUX for Digital Forensics	3		
DIGFOR 351 Enterprise Network Investigations	3		
DIGFOR 371 Penetration Testing	3		
DIGFOR 419 Independent Study in Digital Forensics	3		
DIGFOR 451 Malware Forensics	3		
DIGFOR 498 Internship in DF (At most 3 credit hours)	3		
ITM 321 Information Technology Management	3		

REQUIRED Math & CS Courses (15 to 17 credits)	Credits	Grade	Semester/Year
COMPSCI 115 Python Programming <i>OR</i>	3		
COMPSCI 121 Object Oriented Programming in Java	4		
COMPSCI 357 Database Design	3		
MATH 111 Finite Mathematics <i>OR</i>	3		
MATH 125 Calculus 1	4		
MATH 141 Intro to Statistics <i>OR</i>	3		
MATH 241 Probability and Statistics			
MATH 180 Discrete Mathematical Structures <i>OR</i>	3		
MATH 185 Discrete Mathematics			

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	COURSE GEPs SEM/YR GRADE	COURSE GEPs SEM/YR GRADE	COURSE GEPs SEM/YR GRADE	COURSE GEPs SEM/YR GRADE
Learning Outcome 1 Communication 7 GEPs needed (3 disciplines)	ENGLISH 101 3	COMMSTUD 103 3	INTSTUDY 231 2	
Learning Outcome 2 Information Literacy 2 GEPs needed	INTSTUDY 231 1			
Learning Outcome 3 Analytical/Quantitative 5 GEPs needed (2 disciplines)	MATH 111 3	MATH 141 3		
Learning Outcome 4 Culture/History 5 GEPs needed (2 disciplines)	PHIL 295 3			
Learning Outcome 5 Natural Sciences 5 GEPs needed (2 disciplines)				
Learning Outcome 6 Social Sciences 5 GEPs needed (2 disciplines)	CRIMJUST 101 3			
Learning Outcome 7 Arts and Humanities 5 GEPs needed (2 disciplines)				
Learning Outcome 8 Second Language 2 GEPs needed				
Learning Outcome 9 Health 2 GEPs needed				
Learning Outcome 10 Citizenship 2 GEPs needed				

Students need a minimum of 120 credits to graduate from Bloomsburg University

Program Completion Plan – New Freshmen

Semester One	Semester Two
DIGFOR 121 Files 1	DIGFOR 122 Files 2
ENG 101 Writing	CRIMJUST 101 Intro. To C.J.
MATH 111 Finite Math.	MATH 141 Intro. To Stat.
COMPSCI 115 Python Programming	COMPSCI 357 Database Design(early)
General Education Course	General Education Course
Semester Three	Semester Four
DIGFOR 219 Intro. To Linux	DIGFOR 275 Intro. To Networks
INTSTUDY 231 Tech . Writing	COMMSTUD 103 Public Speaking
MATH 180 Discrete Math. Structure	COMPSCI 357 Database Design (late)
PHIL 295 Bus. Ethics	General Education Course
General Education Course	General Education Course
Semester Five	Semester Six
DIGFOR 311 Security	DIGFOR 318 Small Devices
DIGFOR 317 DF Software	DIGFOR 417 Adv. Topics
General Education Course	Digital Forensics Elective
General Education Course	General Education Course
Elective	Elective
Semester Seven	Semester Eight
Digital Forensics Elective	Digital Forensics Elective
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

Program Completion Plan Two Year Transfer Student*

*The following assumes the student transfers in with courses equivalent to most of the following. Some adjustments are possible.

MATH 111	Finite Mathematics	MATH 141	Intro. to Statistics
DIGFOR 275	Introduction to Networks (Optional)	COMMSTUD 103	Public Speaking
COMPSCI 115	Python (A programming course)	CRIMJUST 101	Intro. to Criminal Justice
ENGLISH 101	Foundations of Writing	PHIL 295	Business Ethics

Fall First Year	Spring First Year
DIGFOR 121 Files 1	DIGFOR 122 Files 2
DIGFOR 219 Intro. To Linux	DIGFOR 275 Intro. To Networks (Optional)
MATH 180 Discrete Math. Structures	Gen Ed 2
Gen Ed 1	INTSTUDY 231 Technical Writing
Elective	Elective
Fall Second Year	Spring Second Year
DIGFOR 311 Security	DIGFOR 318 Small Devices
DIGFOR 317 DF Software	DIGFOR 417 Adv. Topics
COMPSCI 357 Database	DIGFOR Elective
DIGFOR Elective	DIGFOR Elective
Gen Ed 3	Elective

*The above assume an AA degree so only 10 General Educational Points are required.