

## Bachelor in de toegepaste informatica Networks & Security

VIVES handelswetenschappen en bedrijfskunde - campus Kortrijk

### Programmafase 1

Opleidingsonderdelen	u/week 1e sem	u/week 2e sem	Stp
<b>Personal Development</b>			
Problem Solving 1	1	1	3
Professional & International Communication 1			3
Werkveldervaring (1SP)		1	
Communication in English (2SP)	2		
<b>Business</b>			
Business Management 1	2	2	6
<b>Information Management</b>			
Databases			6
Database Concepts (3SP)	1	1	
SQL (3SP)		2	
Business Intelligence			4
Power BI (2SP)		2	
Excel (2SP)	2		
Introduction to Artificial Intelligence		2	3
<b>Software Development</b>			
Fundamentals of Programming 1	6		7
Fundamentals of Programming 2		4	5
Web Development 1	2	3	6
<b>IT Infrastructure</b>			
Computer Networking			6
Computer Networking - theory (3SP)	2		
Computer Networking - practicum (3SP)		3	
Computer Systems	3		3
Systems Management			5
Systems Management - Theory	1		
Systems Management - Practicum	2	1	
Introduction to Linux		2	3
	<b>24</b>	<b>24</b>	<b>60</b>

### Programmafase 2

Opleidingsonderdelen	u/week 1e sem	u/week 2e sem	Stp
<b>Personal Development</b>			
Problem Solving 2	2		3
Ethics - RZL	2	1	3
Professional and International Communication 2		3	3
<b>Business</b>			
Business Process Modelling	1	1	3
<b>Information Management</b>			
Analysis & Design	4		5
Data Analysis	2		3
<b>Software Development</b>			
Web Development 2	2	2	6
Programming in Python	2		3
<b>IT Infrastructure</b>			
Operating Systems		2	3
Windows server management	2	2	5
Linux server management	2	2	5
IT Security			6
IT Security - theory (3SP)		2	
IT Security - practicum (3SP)		2	
Network Automation 1	2	2	5
Advanced Networks	2		3
<b>Field Experience</b>			
Practice Enterprise 1 - Infrastructure		3	4
	<b>23</b>	<b>22</b>	<b>60</b>

### Programmafase 3

Opleidingsonderdelen	u/week 1e sem	u/week 2e sem	Stp	MW
<b>Personal Development</b>				
Professional and International Communication 3	2		3	→
People Management	2		3	→
<b>Business</b>				
Business and Information Management	3		3	→
Computer Law (2SP)				→
Trends in business & IT (1SP)				→
<b>IT Infrastructure</b>				
Data Infrastructure	2		3	→
IT infrastructure & networking	4		6	→
Network Automation 2	2		3	→
Virtualization & cloud computing	4		6	→
<b>Field Experience</b>				
Practice Enterprise 2	3		3	→
Practice Enterprise 3		6 weken	10	→
Bachelorproef		11 weken	20	→
	<b>22</b>	<b>0</b>	<b>60</b>	

Mogelijkheid tot deelname aan Erasmusprogramma

De opleidingsonderdelen onder het mobility window (MW) worden vervangen door het programma van de buitenlandse hogeschool/universiteit