



Sweden Course Calendar Jan.-Jun. 2018



- SAS® Academy for Data Science
- Workforce Transformation
- SAS® Learning Subscription

Grow With Us



SAS Academy for Data Science

Now available as Self-Paced e-Learning.

Talents with analytical skills are in high demand to research company data that are business relevant, identify potentials in large amounts of data and present the results convincingly.

These are the tasks of a Data Scientist. The SAS Academy for Data Science trains how to use big data, advanced analytics and data science. The Academy is now available in a self-paced format that gives you plenty of modern and flexible ways to learn. The courses are available as e-learning with an exercise online environment to practice with SAS software and interact with experts and other participants in an exclusive online community. The certification for the SAS Certified Data Scientist demonstrates your knowledge in black and white.



At a glance



Flexible e-learning with a huge depth of analytical content enables you to take the courses at your own pace. For many topics, you can add classroom courses and live web classes.



Get certified with tailored training to prepare you for each exam and earn highly recognized and globally SAS credentials.



In addition to intensive training in SAS, the program also includes an introduction to R, Python, Pig, Hive and Hadoop.



You are given access full access, 24/7, to SAS software to practice what you learn and course materials.



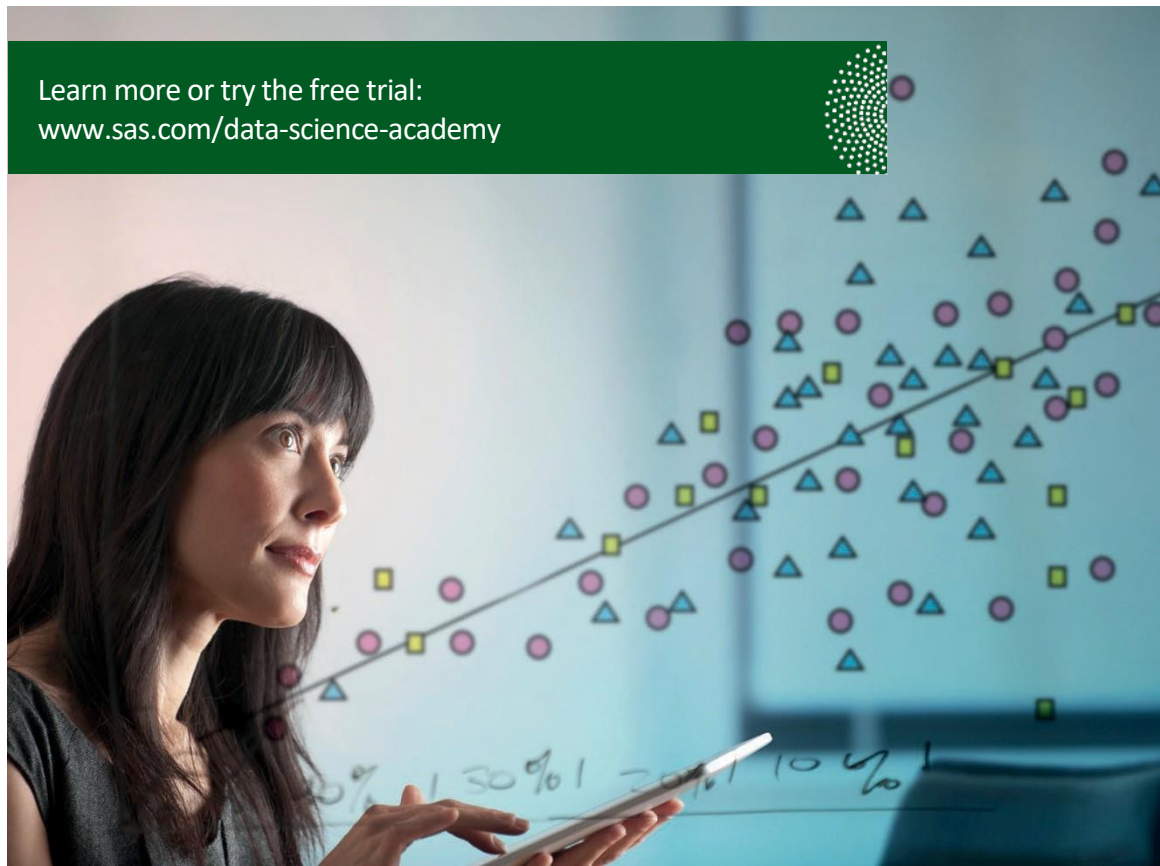
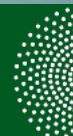
A high practice reference is given by the real-world case studies to enhance your learning.



Join a community with experts and other participants to guide you, answer questions and keep you on track.




www.sas.com/sas/data-science-academy


































Learn more or try the free trial:
www.sas.com/data-science-academy



Foundation Tools







Base SAS software is the basis for an easy-to-learn, flexible programming language and serves as a foundation for SAS solutions.





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












Content	Programming	Format	Days	January	February	March	April	May	June
Programming									
<u>PG1</u>	SAS® Programming 1: Essentials	  	3	17	1 LW	5		7 4 LW	
<u>PG2</u>	SAS® Programming 2: Data Manipulation Techniques	  	3		5	16 LW		21 16 LW	22 LW
<u>MC1</u>	SAS® Macro Language 1: Essentials	  	3	25 LW	15 6 LW		16 26LW	8 LW	11
<u>SQ1</u>	SAS® SQL 1: Essentials	  	3	12 22 LW		1 LW	16 W	17 31 LW	
Advanced and Speciality Courses									
<u>PG3</u>	SAS® Programming 3: Advanced Techniques and Efficiencies	  	3		14 LW	14 LW			
<u>MC2</u>	SAS® Macro Language 2: Advanced Techniques	  	2	22 LW			26		
<u>PRG3MAC2</u>	SAS® Advanced DATA Step and Macro Techniques NEW		3				12		25(DK)
<u>SQLMM</u>	SAS® SQL Methods and More NEW		0,5				Coming this spring 2018		
<u>SSPG36</u>	Exploring SAS® Studio for SAS® Programmers	 	1				currently not scheduled, contact us		
<u>EGSP71</u>	SAS® Enterprise Guide for Experienced Programmers	  	1,5			26 LW	9 LW		
<u>SP4R</u>	SAS® Programming for R Users FREE		-						
<u>SPGRID</u>	SAS® Programming on the Grid		1			13(DK) 1 LW		2(DK) 4(NO)	
<u>DS2E</u>	DS2 Programming: Essentials	 	2			22 LW		16 LW	
Creating Graphics and Report Writing									
<u>ODSGIN</u>	ODS Graphics: Essentials	 	2	10 LW				5 11 LW	
<u>RPT1</u>	SAS® Report Writing 1: Essentials	 	2			7 LW			

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Certification




<u>CRB</u>	SAS® Certification Review: Base Programming for SAS® 9		2	Coming this spring 2018					
<u>ECBPRGPE</u>	SAS Certification Practice Exam: Base Programming for SAS 9		-						
<u>61031</u>	SAS Certification Practice Exam: Advanced Programming for SAS 9		-						
	SAS® Base Programming Exam for SAS® 9				23		27		15
	SAS® Advanced Programming Exam for SAS® 9		0,5		23		27		15
	Clinical Trials Programming Using SAS 9® exam		0,5		23		27		15


















Content	SAS® Grid Manager	Format	Days	January	February	March	April	May	June
Users									
<u>SPGRID</u>	SAS® Programming on the Grid	 	1		13(DK)			2(DK)	
Administrators									
<u>PCADM4</u>	SAS® Grid Manager: Administration	 	3	29(DK)				23(DK)	

Content	SAS® Enterprise Guide®	Format	Days	January	February	March	April	May	June
Point-and-Click in SAS® Enterprise Guide®									
<u>EG171</u>	SAS® Enterprise Guide® 1: Querying and Reporting	  	2	22 25 LW	26	5 LW	12	28	
<u>EG271</u>	SAS® Enterprise Guide® 2: Advanced Tasks and Querying	  	2	22		8, 26 LW	30 LW		7
<u>EGRG71</u>	Creating Reports and Graphs with SAS® Enterprise Guide®	  	2		currently not scheduled, contact us				
<u>EGBS71</u>	SAS® Enterprise Guide®: ANOVA, Regression, and Logistic Regression	  	3		currently not scheduled, contact us				
Programming in SAS® Enterprise Guide®									
<u>EGSP71</u>	SAS® Enterprise Guide® for Experienced Programmers	  	1,5			26 LW	9 LW		

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Our advanced analytics software can help solve even the most stubborn data mysteries.

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Content	Advanced Analytics	Format	Days	January	February	March	April	May	June
Statistical Analysis									
ECSTAT0	Introduction to Statistics with SAS® FREE		-						
ST142	Statistics 1: Introduction to ANOVA, Regression, and Logistic Regression		3				Currently not scheduled, contact us		
EGBS43	SAS Enterprise Guide: ANOVA, Regression, and Logistic Regression		3				currently not scheduled, contact us		
ST242	Statistics 2: ANOVA and Regression		3					22 LW	
Data Scientist									
Info	SAS® Academy for Data Science: Advanced Analytics NEW		-						
Info	SAS® Academy for Data Science: Big Data NEW		-						
Info	SAS® Academy for Data Science: Data Science NEW		-						
Forecasting and Econometrics									
STSM41	Time Series Modeling Essentials		2				currently not scheduled, contact us		
FETS41	Forecasting Using SAS® Software: A Programming Approach		3				currently not scheduled, contact us		
Data Mining									
AAEM42	Applied Analytics Using SAS® Enterprise Miner™		3			12 28 LW	5 LW 21 LW	14 23 LW	18 LW
DMDT42	Decision Tree Modeling		2				currently not scheduled, contact us		
PMA42	Advanced Predictive Modeling Using SAS® Enterprise Miner™		3			21 LW			
Predictive Analytics and Machine Learning									
PMLR42	Predictive Modeling Using Logistic Regression		2			14 LW	21 LW		29 LW
ML	Machine Learning with SAS®		2			19		24	
CLUS41	Applied Clustering Techniques		2				Currently not scheduled, contact us		
DMNN42	Neural Network Modeling		2				currently not scheduled, contact us		
Text Analytics									
DMTX41	Text Analytics Using SAS® Text Miner		2			20 LW	19 LW	26 LW	6 LW

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Optimization and Simulation

<u>OROP41</u>	Building and Solving Optimization Models with SAS®/OR		3	currently not scheduled, contact us		
<u>IMLP41</u>	Programming with SAS/IML® Software		3	currently not scheduled, contact us		









JMP Statistical Analysis

<u>JCSA13</u>	JMP Software: A Case Study Approach to Data Exploration		1	3 LW		
<u>JANR13</u>	JMP software: ANOVA and Regression		2	currently not scheduled, contact us		
<u>JMDE13</u>	JMP Software: Custom Design of Experiments		2	currently not scheduled, contact us		
<u>JFIP13</u>	JMP Software: Finding Important Predictors NEW		2	currently not scheduled, contact us		
<u>JSRC13</u>	JMP Software: Introduction to the JMP Scripting Language		2	currently not scheduled, contact us		

Certification




SAS Certified Predictive Modeler Using SAS Enterprise Miner™		0,5	23	27	15
SAS Certified Statistical Business Analyst Using SAS 9: Regression and Modeling		0,5	23	27	15














Faster, smarter analysis for a big data world.

Content	Solutions for Big Data	Format	Days	January	February	March	April	May	June
SAS® for Hadoop									
<u>DIACHD</u>	Introduction to SAS® and Hadoop		2	23 LW 29 LW			23 LW		
<u>DL31HD</u>	Working with SAS® Data Loader for Hadoop		2	Currently Not scheduled , Contact us					
<u>DS2H</u>	DS2 Programming Essentials with Hadoop		1,5		19 LW				
<u>DIHPS</u>	Hadoop Data Management with Hive, Pig, and SAS®		3	16 LW	6 LW				
SAS® High-Performance Analytics									
<u>PMHP41</u>	Predictive Modeling Using SAS® High-Performance Analytics Procedures		3	currently not scheduled, contact us					
<u>DMHP31</u>	SAS® Enterprise Miner™ High-Performance Data Mining Nodes		2	currently not scheduled, contact us					
SAS® In-Memory Statistics									
<u>IMGS25</u>	Getting Started with SAS® In-Memory Statistics		2	31 LW					
<u>IMPM25</u>	Predictive Modeling Using SAS® In-Memory Statistics		2	currently not scheduled, contact us					

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Once you master the technology of SAS, you will be ready for the SAS solutions architecture.


















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Content	SAS® Solutions	Format	Days	January	February	March	April	May	June
Customer Intelligence									
CIMA60	SAS® Marketing Automation: Overview		0,5						currently not scheduled, contact us
CIST65	SAS® Marketing Automation: Designing and Executing Outbound Campaigns		1,5						currently not scheduled, contact us
ELMAACD6	SAS® Marketing Automation: Advanced Campaign Design NEW		-						
CIRT60	SAS® Real-Time Decision Manager: Overview		0.5						currently not scheduled, contact us
RTUS65	SAS® Real-Time Decision Manager: Creating and Managing Campaigns		2,5						currently not scheduled, contact us
Fraud and Security Intelligence									
EFMRS5	SAS® Fraud Management: Using SAS® Rules Studio		-						
FRFR62CU	SAS® Fraud Framework: Using the Social Network Analysis Interface		1						currently not scheduled, contact us
CSOV71	SAS® Compliance Solutions 7.1: Overview		1						currently not scheduled, contact us
CSAD71	SAS® Compliance Solutions 7.1: Introduction to Administration		-						e-learning
CYSCU	Using SAS® Cybersecurity		1						currently not scheduled, contact us
RECMUI	SAS® Enterprise Case Management: Using the Interface		2						currently not scheduled, contact us
VIB102	SAS® Visual Investigator: Building the Interface NEW		2						currently not scheduled, contact us
Risk Management									
BB4C142	Credit Risk Modeling Business Knowledge Series		-						
Performance Management									
FMPLAN55	SAS® Financial Management: Financial Planning		3						currently not scheduled, contact us
FMREPT55	SAS® Financial Management: Reporting		3						currently not scheduled, contact us
FMDSS4	SAS® Financial Management 5.4: Data Administration		2						currently not scheduled, contact us

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Limitless BI tools help you explore data on your own, create and share vibrant interactive reports and monitor key metrics.




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Content	Business Intelligence and Analytics	Format	Days	January	February	March	April	May	June
SAS® Visual Analytics									
<u>YVAG74</u>	SAS® Visual Analytics for SAS® 9: Getting Started	 	1	only arranged as customer course, contact us					
<u>YVAF74</u>	SAS® Visual Analytics for SAS® 9: Fast Track	 	3		26(DK)	12 LW		21	
<u>YVAM74</u>	SAS® Visual Analytics for SAS® 9: Administering a Distributed Deployment	 	2	8 LW*	12 LW*	19	9 LW*	7 LW*	4
<u>YVAW74</u>	SAS® Visual Analytics for SAS® 9: Administering a Non-Distributed Deployment on Windows	 	2	16 LW*			17 LW*		19 LW*
SVSO74	SAS Visual Statistics: Interactive Modeling Building	 	2	11 LW*		13 LW*	18	29 LW*	8 LW*
SAS® Office Analytics									
<u>YOAFT94</u>	SAS® Office Analytics: Fast Track		2	Currently not scheduled, contact us					
SAS® Enterprise Business Intelligence									
<u>YBAFV2</u>	SAS® Business Intelligence Reporting: Fast Track		4			12 LW*			
<u>YSP194</u>	Creating SAS® Stored Processes Using SAS® 1: Essentials		1,5	12 LW*				15 LW*	
<u>YSP294</u>	Creating SAS® Stored Processes Using SAS® 2: Additional Topics		2		20 LW*			5 LW*	
Certification									
	SAS® Certified Visual Business Analyst: Exploration and Design Using SAS® Visual Analytics exam		0,5		23		27		15
	SAS® Certified Visual Modeler Using SAS Visual Statistics 7.4 exam		0,5		23		27		15
	SAS® Certified BI Content Developer for SAS® 9 exam		0,5		23		27		15

* This live web course is offered from SAS US, go to [web](#)

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Learn to not only manage your data, but unleash its potential.




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Content	Data Management	Format	Days	January	February	March	April	May	June
Data Integration									
<u>DIFT49</u>	SAS® Data Integration Studio: Fast Track		4		19			14	
<u>DI144</u>	SAS® Data Integration Studio 1: Essentials		3		12(DK)				18(DK)
<u>DI244</u>	SAS® Data Integration Studio 2: ETL Development with Star Scheme		2				16(DK)		
<u>DIFD42</u>	SAS® Federation Server: Accessing and Virtualizing Enterprise Data NEW		3			1 LW*			
Data Quality									
<u>DQ127</u>	DataFlux Data Management Studio 1: Essentials		3		19(DK)			28(DK)	
<u>DQ26DMP2</u>	DataFlux Data Management Studio 2: Advanced		3			currently not scheduled, contact us			
<u>DQ26DMP3</u>	DataFlux Data Management Studio: Customize Quality Knowledge Base		3						
Data Governance									
<u>DBDN31</u>	SAS® Data Governance Essentials NEW		2			currently not scheduled, contact us			
Certification									
	SAS® Certified Data Integration Developer for SAS® 9 exam		0,5		23		27		15
	SAS® Certified Data Quality Steward for SAS® 9 exam		0,5		23		27		15

* This live web course is offered from SAS US, go to [web](#)

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Install, configure and maintain the platform for SAS Business Analytics.




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Content	Administration	Format	Days	January	February	March	April	May	June
SAS® Platform									
<u>SPAFM4</u>	SAS® Platform Administration: Fast Track	 	3		5 LW* 18 LW*	12	16(DK) 9 LW*	28	11 LW*
<u>SPAICM4</u>	Installing and Configuring the SAS® Intelligence Platform		3		currently not scheduled, contact us				
<u>SPAXM4</u>	SAS® Environment Manager: Essentials	 	1	22 LW*			5 LW*	31 LW*	
<u>SPAVM4</u>	Managing the SAS® Platform with SAS® Environment Manager	 	1	18 LW*		15 LW*			5 LW*
Application/Technology Area									
<u>PCADM4</u>	SAS® Grid Manager: Administration	 	3	11 LW*		11 LW*	17(DK)		7 LW*
<u>YVAM74</u>	SAS® Visual Analytics for SAS® 9: Administering a Distributed Deployment	 	2	8 LW*	12 LW*	5 LW*	9 LW*	7 LW*	4 LW*
<u>YVAW74</u>	SAS® Visual Analytics for SAS® 9: Administering a Non-Distributed Deployment on Windows	 	2	16 LW*			17 LW*		19 LW*
<u>GDPR</u>	Introduction to SAS® Technology for EU GDPR		2				9(DK)		18(DK)
Certification									
	SAS® Certified Platform Administrator for SAS® 9 exam		0,5			23	27		15

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Conquer your analytics challenges, from experimental to mission-critical. SAS Viya complements SAS 9.4, augmenting the SAS Platform to enable everyone to collaborate and achieve innovative results faster.

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Content	SAS® Viya	Format	Days	January	February	March	April	May	June
	Programming and Analytics								
<u>DMML</u>	Supervised Machine Learning Using SAS® Viya NEW		2			12(DK)	23	2(DK)	
	SAS® Visual Analytics on Viya								
<u>YVA181</u>	SAS® Visual Analytics 1 for SAS® Viya: Basics NEW	 	2	22 LW	8 26 LW*	26 LW*		2 15 LW*	6(DK)
<u>SVSO81</u>	SAS® Visual Statistics on Viya: Interactive Model Building NEW	 	2	16 LW*			25 LW*		
	Solutions								
<u>VIB102</u>	SAS® Visual Investigator: Building the Interface NEW	 	2	22LW*	20LW*				
	Administration								
<u>SAVI32</u>	SAS® Viya 3.2 Administration: Fundamentals	  	3	9 LW*		5 LW*	24 LW*	7 LW*	

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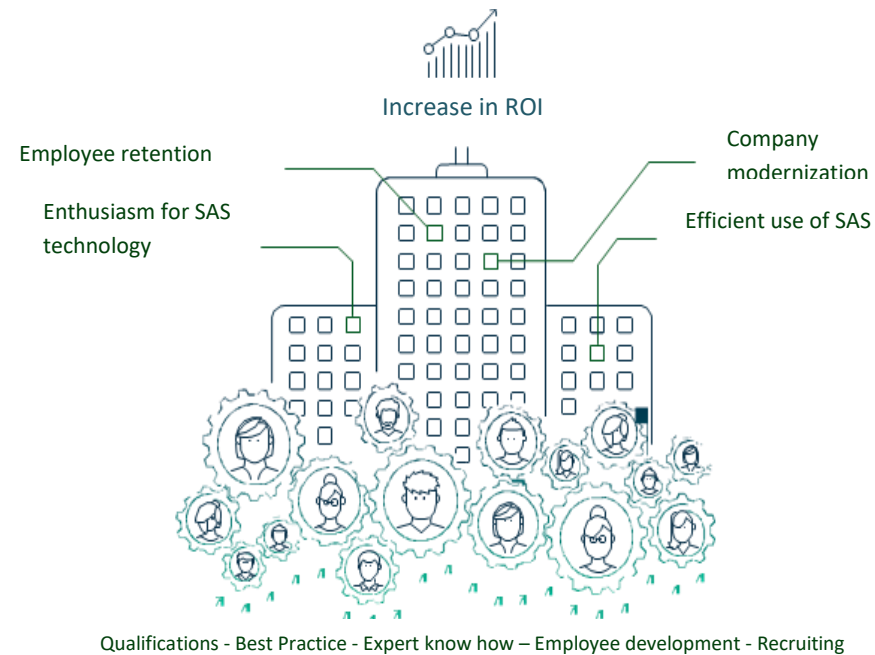
A strategic approach to developing your analytics culture.

SAS Analytics skills are in demand. The demands in the working world are changing drastically: processes are increasingly automated and digitized, work and information volumes. The employees are facing new challenges. Our program creates an innovative solution to teach highly sought-after SAS software skills with softer business skills.

SAS Workforce Transformation Services is a methodological approach to your employees to develop, promote, and enhance the talents within the company. After an individual analysis, the appropriate methods of knowledge transfer are selected. Permanent feedback loops ensure a close link between learning contents and business-relevant requirements thus the optimal use of the SAS software.

Why Workforce Transformation Services?

- Improve employee retention and engagement.
- Attract the best talent.
- Grow skills and standardize best practices.
- Maximize individual performance and productivity.
- Build a strong, self-sufficient SAS user community.
- Take full advantage of the SAS Platform.
- Create a scalable solution for achieving your vision.



Learn how we can help transform your workforce to leverage analytics: www.sas.com/wft

Strategy and Methodology

SAS® Training - According to your needs

Specialized training services also available.



On-Site Training

Convenient, flexible and affordable, our on-site training courses are perfect for small or large groups. Choose to have us to come to your location, or use our training facility to host training tailored to fit your group's business needs. To accommodate groups in various locations we can set up a private Live Web classroom.



Coaching In The workplace

Schedule a SAS instructor for one to two days of mentoring services and become more confident with what you learned in class. Use your own data and code and gain peace of mind on your next big project.



Training Needs Analysis

SAS Training Needs Analysis is a process, which charts the difference between the desired and actual skills that every professional role requires: evaluation of skills and needs; requirements for competence building; disposition of appropriate courses; implementation of courses, company-specific or scheduled; and evaluation.

Work with us to develop the most efficient and cost-effective training plan as possible. Contact us: saskurser@sas.com

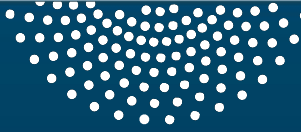


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All available courses are not automatically scheduled in training centers, but are available upon demand. If you do not see a course you need in this schedule, then contact us. All courses are available as company-specific training. All courses will be taught in Danish if nothing else is announced.

SAS reserves the right to change, cancel or schedule courses and dates. Please check the Web or contact SAS Education for the most current training schedule.

To contact your local SAS office:

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