



## Foundation Tools

SAS Foundation is the foundation for all SAS tasks, from data collection to data management and reporting. Base SAS offers the user a flexible and extensible programming language.

Programming	WebCode	Days	Format	January	February	March	April	May	June
SAS® Programming 1: Essentials	PG1M6	2	C L E						
SAS® Programming 2: Data Manipulation Techniques	PG294	2	C L E	20. 20.	11.	9. 11. 16.		18.	1.
SAS Programming: Fast Track	PGFT	5		15. 20. 15.		4. 11.	20.	13. 27.	22.
SAS® Macro Language 1: Essentials	MC1M6	2	C L E	28.	3.	10. 24.	15. 1.		2. 15.
SAS® SQL 1: Essentials	SQ1M6	2	C L E	21.	17.	3. 17. 25.	20.	26.	3.
SAS® SQL 2: Advanced	SQ2	1	C				27.		
SAS® Programming 3: Advanced Techniques and Efficiencies	PG3M6	2	C L E						
SAS® Advanced DATA Step and Macro Techniques	PRG3MAC2	3	C			31. 2.		26.	9. 8.

SAS® Enterprise Guide	WebCode	Days	Format	January	February	March	April	May	June
SAS® Enterprise Guide 1: Querying and Reporting	EG171	2	C L E	23.	4. 11.	24. 23.		5. 5. 4.	
SAS® Enterprise Guide 2: Advanced Tasks and Querying	EG271	2	C L E			18. 30.	21. 28.		17. 8.
SAS Enterprise Guide 8: What's New	EG81WN	1	C		26.				

SAS® Grid Manager	WebCode	Days	Format	January	February	March	April	May	June
SAS® Programming on the Grid	SPGRID	1	C L E			31.			
SAS Grid Manager Administration	PCADM5	3	C L E				1.		

## Advanced Analytics

SAS Analytics, with its mathematical-statistical methods, is used by statisticians and business analysts in many business areas.

Statistical Analysis	WebCode	Days	Format	January	February	March	April	May	June
Applied Clustering Techniques	CLUS51	2	C L						
Machine Learning with SAS	ML	2	C						

Data Mining	WebCode	Days	Format	January	February	March	April	May	June
Applied Analytics Using SAS® Enterprise Miner	AAEM51	3	C L E			17.			
Managing SAS Analytical Models Using SAS Model Manager Version 14.2	MMUS42	2	C L E						
Advanced Predictive Modeling Using SAS® Enterprise Miner	PMA42	3	C L						

## SAS® Viya

With SAS Viya, the cloud-ready, scalable open platform for modern machine learning, take your SAS9 data management and analytics expertise to a new level.

Administration	WebCode	Days	Format	January	February	March	April	May	June
SAS® Viya Administration: Fundamentals	SAVI34	2	C E		4. 19.	9. 4.		26. 6.	17.
SAS® Viya Administration: Enhanced Tasks	SAVA34	2	C L E						4.
Linux for SAS Users	LINUXSAS	2	C E						

Programming	WebCode	Days	Format	January	February	March	April	May	June
Programming for SAS® Viya	PGVY34	1	C L		25. 25. 27. 7.		28. 16.	6.	23. 4.

Analytics	WebCode	Days	Format	January	February	March	April	May	June
Supervised Machine Learning Procedures Using SAS Viya in SAS Studio	DMML34	2	C L			23.			
SAS Visual Data Mining and Machine Learning on SAS Viya: Interactive Machine Learning	VDMO83	2	C L		18.			12.	
Managing Models and Building Decisions in SAS Viya	VMDM51	1	C L E				10.		8.
SAS Viya and Python Integration for Machine Learning	POSI34	1	C L		20.			14.	
SAS® Viya® and R Integration for Machine Learning	ROSI34	1	C L		21.			15.	
SAS Visual Text Analytics in SAS Viya	SVTA84	2	C L				16.		
Machine Learning Using SAS Viya	CPML84	2	C E		11.			4.	
Deep Learning Using SAS Software	DLUS84	1	C L						
Forecasting Using Model Studio in SAS Viya 3.4	FVVF84	1	C L						
Neural Networks: Essentials	INTN34	1	C L						

SAS® Visual Analytics on SAS® Viya	WebCode	Days	Format	January	February	March	April	May	June
SAS® Visual Analytics in SAS® Viya: Fast Track	YVAVFT	3	C		25. 4. 17.		28. 20.		9. 16. 1.
SAS Visual Analytics 1 for SAS Viya: Basics	YVA183	2	C L E			17.			2.
SAS Visual Analytics 2 for SAS Viya: Advanced	YVA283	2	C L E				21.		23.
SAS® Visual Statistics on SAS® Viya: Interactive Model Building	SVSO84	2	C			2.			

Red = Copenhagen

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Black = Stockholm

Green = Espoo



Data Management	WebCode	Days	Format	January	February	March	April	May	June
Self-Service Data Preparation in SAS Viya	DIDP22	2	C L	30.			22.		

Solutions	WebCode	Days	Format	January	February	March	April	May	June
SAS Visual Investigator: Building the Interface	VIB104	2	C E						

## Business Intelligence and Analytics

SAS Business Intelligence creates and distributes reliable reports - anywhere and always in the right form.

SAS® Visual Analytics	WebCode	Days	Format	January	February	March	April	May	June
SAS Visual Analytics for SAS 9: Getting Started	YVAG74	1	C L E						
SAS Visual Analytics for SAS 9: Fast Track	YVAF74	3	C L						
SAS Visual Analytics: Transitioning from SAS 9 to SAS Viya	YVAT83	1	C	31.	24.	20.			25.
SAS Visual Statistics: Interactive Model Building	SVSO74	2	C L						

## Data Management

SAS Data Management masters the flood of data. This provides trusted and quality data throughout the enterprise.

Data Integration	WebCode	Days	Format	January	February	March	April	May	June
SAS® Data Integration Studio 1: Essentials	DI1M4	3	C E	14.	18.				
SAS® Data Integration Studio: Fast Track	DIFTM4	4	C L E		25.			12.	15. 9.

## Administration

With the SAS Management Console, platform administrators assign user-specific rights, define the servers, and manage all available metadata. Administrators tailor the different clients to the company-specific environment and control the way data is kept.

SAS® Platform	WebCode	Days	Format	January	February	March	April	May	June
SAS® Platform Administration: Fast Track	SPAFM6	4	C L	21.		16.			9. 22.

## SAS® Learning Conferences

A different way of learning SAS® - The learning day has two tracks and the possibility to Ask-the-experts.

SAS® Learning Conferences	WebCode	Days	Format	January	February	March	April	May	June
SAS Learning Conference:		1	C						

For other date options or for courses not listed with a date, check the Live Web calendar at <https://support.sas.com/edu/locations.html?locationId=LW&ctry=us>

[saskurser@sas.com](mailto:saskurser@sas.com) • [kurser@swe.sas.com](mailto:kurser@swe.sas.com) • [kurs@nor.sas.com](mailto:kurs@nor.sas.com) • [koulutus@sas.com](mailto:koulutus@sas.com)

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## SAS Certification Exams

We have a large selection of certifications, below are the most common.

### Certification Exams

SAS® Certified Base Programmer for SAS 9

SAS Certified Specialist Base Programming using SAS 9.4

SAS Certified Advanced Programmer for SAS 9

SAS Certified Clinical Programmer Using SAS 9

Predictive Modeling Using SAS® Enterprise Miner™ 14

SAS® Statistical Business Analysis Using SAS®9: Regression and Modeling

SAS Certified Visual Business Analyst: Exploration and Design Using SAS Visual Analytics

SAS Certified Visual Modeler Using SAS Visual Statistics 7.4

SAS Certified Data Integration Developer for SAS 9

SAS Certified Data Quality Steward for SAS 9

SAS Certified Platform Administrator for SAS 9

JMP Certified Specialist: JMP Scripting Using JMP 14

JMP Design and Analysis of Experiments Using JMP 14

	Hours	January	February	March	April	May	June
All Certification Exams	2-3	23. 25.	14. 28.	26. 27.	23. 24.	29.	25. 12. 19.

For the full selection of Certifications, please go to:

[https://www.sas.com/da\\_dk/certification.html](https://www.sas.com/da_dk/certification.html)

[https://www.sas.com/sv\\_se/certification.html](https://www.sas.com/sv_se/certification.html)

[https://www.sas.com/no\\_no/certification.html](https://www.sas.com/no_no/certification.html)

[https://www.sas.com/fi\\_fi/certification.html](https://www.sas.com/fi_fi/certification.html)

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