

In cooperation with **SAS Institute** AUA CSE is organizing SAS Programming 2020 training course. This 16-week training course upon its completion enables its participants to take the SAS Institute Certification online exam (which costs \$100) for free as a part of the course.

What is SAS Programming

SAS (Statistical Analysis System) is a software system for data inspection and report writing. Statistical Analysis System is a batch of programs that work together to reclaim them and to reserve data values, reform data, evaluate complex and single exponential analyses and generate reports.

SAS is the main tool used in Pharmaceutical industry for Statistical Computing, Data manipulation and Visualization to generate FDA reports and submission packages. SAS is a powerful and flexible statistical package that runs on many platforms, including Windows and Unix.

Who is this course for?

Do you want to start learning SAS programming easily and quickly? This course is for individuals:

- dedicated to acquire technical skills of data manipulation and statistical analysis highly demanded by global pharmaceutical, financial and multimedia industries;
- with good knowledge of English;
- with a degree or currently studying Natural Sciences, Mathematics, Engineering, Computer Science (any other field of study that requires knowledge of math, statistics, etc.);
- with a basic understanding of programming concepts and algorithms.

Participation Fee and Payment Method

Participation fee for the SAS Programming training course is **75,000 AMD**.

Please, follow the [link](#) to register for the course and pay the participation fee.

Course Highlights

- Upon the completion of the course all participants will be given a chance to take a SAS Institute Certification online exam for free (This costs \$100 otherwise),
- Upon the end of the course all course participants will receive Participation Certificates from AUA CSE,
- Successful participants (70% & more attendance) will receive Completion Certificates from AUA CSE,
- Step by step/ code by code explanations for easy and efficient learning experiences,
- Downloadable data and SAS programs used in the course (the course materials are ONLY for practice, they are protected by copyright),
- Quizzes, coding exercises and projects for practice. After all, practice makes perfect!

Course Schedule

	SAS Fundamentals Course				
		Duration	Frequency	Total Hours	Number of Homeworks
Week 1	Essentials, Accessing data	2	2	4	2
Week 2	Exploring, Validating and Preparing data	2	2	4	2
Week 3	Understanding data step Processing	2	2	4	2
Week 4	Condition Processing and Loops	2	2	4	2
Week 5	SAS Functions, Formats	2	2	4	2
Week 6	Controlling the Output, Quiz	2	2	4	2
Week 7	Combing Tables	2	2	4	2
Week 8	Restructuring Tables	2	2	4	2
Week 9	Using SQL with SAS	2	2	4	2

Week 10	Using SQL with SAS	2	2	4	2
Week 11	Reporting results	2	2	4	2
Week 12	Reporting results, SAS Graph	2	2	4	2
Week 13	SAS Graph	2	2	4	2
Week 14	SAS Graph, GTL	2	2	4	2
Week 15	Macro Language	2	2	4	2
Week 16	Macro Language, Final Quiz	2	2	4	1
				64	

Let's be reminded that

According to a massive study from MONEY and Payscale.com (2018), SAS Analytics skills are the most valuable skills to have in today's job market. Data mining and data modeling were also highly valuable skills, both of which are done with SAS.