

**TU - Master Program Logic and Computation**

Track segment at IST Austria	Course name	Course # TU Vienna	ECTS	Type	link
ALG, VC	Algorithmic Geometry	186.122	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=318&amp;courseNr=186122&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=318&amp;courseNr=186122&amp;semester=2016W</a>
ALG	Approximation Algorithms	186.102	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=600&amp;courseNr=186102&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=600&amp;courseNr=186102&amp;semester=2017S</a>
ALG	Complexity theory	181.142	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=752&amp;courseNr=181142&amp;semester=2017S&amp;locale=en">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=752&amp;courseNr=181142&amp;semester=2017S&amp;locale=en</a>
ALG, PL	Distributed Algorithms	182.702	6 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=624&amp;courseNr=182702&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=624&amp;courseNr=182702&amp;semester=2017S</a>
PL	Advanced Multiprocessor Programming	184.724	4.5 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=5940&amp;dsrid=688&amp;courseNr=184726&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=5940&amp;dsrid=688&amp;courseNr=184726&amp;semester=2017S</a>
PL	Fixed-Parameter Algorithms and Complexity	186.855	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=308&amp;courseNr=186855&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=308&amp;courseNr=186855&amp;semester=2016W</a>
AI	Machine Learning	184.702	4,5 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=249&amp;courseNr=184702&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=249&amp;courseNr=184702&amp;semester=2016W</a>
AI, VC	Deep Learning for Visual Computing	183.663	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=953&amp;courseNr=183663&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=953&amp;courseNr=183663&amp;semester=2016W</a>
PL	Formal Methods in Computer Science	185.291	6 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=557&amp;courseNr=185291&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=557&amp;courseNr=185291&amp;semester=2017S</a>
PL	Computer Aided Verification	181.145	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=871&amp;courseNr=181145&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=871&amp;courseNr=181145&amp;semester=2017S</a>
PL	Computer Aided Verification	181.144	3 ECTS	UE	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=570&amp;courseNr=181144&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=570&amp;courseNr=181144&amp;semester=2017S</a>
PL	Advanced Functional Programming	185.A05	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=96&amp;courseNr=185A05&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=96&amp;courseNr=185A05&amp;semester=2017S</a>
PL	Software Model Checking	184.747	6 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=916&amp;courseNr=184747&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=916&amp;courseNr=184747&amp;semester=2016W</a>
AI, PL	Logic and Computability	185.A45	6 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=547&amp;courseNr=185A45&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=547&amp;courseNr=185A45&amp;semester=2016W</a>
ALG	Cryptography	184.189	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=381&amp;courseNr=184189&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=381&amp;courseNr=184189&amp;semester=2016W</a>
PL	Formal Language Theory	185.A42	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=610&amp;courseNr=185A42&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=610&amp;courseNr=185A42&amp;semester=2016W</a>
PL	Advanced Mathematical Logic	104.394	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=22&amp;courseNr=104394&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=22&amp;courseNr=104394&amp;semester=2017S</a>
<b>TU- Master Program Visual Computing</b>					
VC	Modeling in Computer Graphics	186.853	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=650&amp;courseNr=186853&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=650&amp;courseNr=186853&amp;semester=2016W</a>
VC	Pattern Recognition	186.845	4,5 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=853&amp;courseNr=186845&amp;semester=2017S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=853&amp;courseNr=186845&amp;semester=2017S</a>
<b>TU- Master Program Computer Engineering</b>					
PL	Program Analysis	184.703	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=908&amp;courseNr=184703&amp;semester=2016W">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=908&amp;courseNr=184703&amp;semester=2016W</a>
PL	SAT Solving and Extensions	184.090	3 ECTS	VU	<a href="https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=580&amp;courseNr=184090&amp;semester=2016S">https://tiss.tuwien.ac.at/course/courseDetails.xhtml?dswid=9407&amp;dsrid=580&amp;courseNr=184090&amp;semester=2016S</a>