

**Appendix to the
Examination and Study Regulations of the Master Program in
Computer Science
at the Universität Bayreuth**

English Version

Appendix: Module Summary

Identifier	Field		Credits
	Field A: Informatics		
INF 201	Parallel and distributed systems II	Parallele und verteilte Systeme II	5
INF 202	Computer graphics I	Computergraphik I	5
INF 203	Embedded systems	Eingebettete Systeme	5
INF 204	Data bases and information systems II	Datenbanken und Informationssysteme II	5
INF 205	Software Engineering II	Software Engineering II	5
INF 206	Algorithms and data structures II	Algorithmen und Datenstrukturen II	5
INF 207	Robotics I	Robotik I	5
INF 208	Computer vision	Computersehen	5
INF 209	Interactive physical simulation	Interaktive Physikalische Simulation	5
INF 210	Artificial intelligence II	Künstliche Intelligenz II	5
INF 211	Functional programming	Funktionale Programmierung	5
INF 212	Theoretical computer science II	Theoretische Informatik II	5
INF 213	Multi-media systems II	Multimediale Systeme II	5
INF 305	Programming of innovative computer architectures	Programmierung innovativer Rechnerarchitekturen	8
INF 307	Data bases and information systems III	Datenbanken und Informationssysteme III	8
INF 311	Security in distributed systems	Sicherheit in verteilten Systemen	5
INF 313	Software Engineering III	Software Engineering III	8
INF 314	Algorithms and data structures III	Algorithmen und Datenstrukturen III	8
INF 315	Robotics II	Robotik II	5
INF 316	Pattern recognition	Mustererkennung	5
INF 317	Computer graphics II	Computergraphik II	5
INF 318	Human machine interaction	Mensch-Maschine-Interaktion	5
	<i>To be achieved:</i>		30 to 45
	Field B: Projects		
INF 351	Small master project	Kleines Master-Projekt	8
INF 352	Big master project (<i>mandatory</i>)	Großes Master-Projekt	15
INF 353	Big master seminar	Großes Master-Seminar	8
	<i>To be achieved:</i>		30 to 32
	Field C: Applications		
	Biochemistry	Biochemie	
	Business administration	Betriebswirtschaftslehre	
	Geoscience	Geowissenschaft	
	Health management	Gesundheitsmanagement	
	Engineering Science	Ingenieurwissenschaft	
	Mathematics	Mathematik	
	Media studies	Medienwissenschaft	
	Physics	Physik	
	Jurisprudence	Rechtswissenschaften	
	<i>To be achieved:</i>		5 to 25
	Field D: Studium generale		
	Modules of the Language Centre	Sprachenzentrum	
	Modules of the Computing Centre	Rechenzentrum	
	Internet Modules	Virtuelle Hochschule Bayern (vhb)	
	<i>To be achieved:</i>		5 to 10
	Field E: Master Thesis		
INF 301	Master thesis		30
	<i>To be achieved:</i>		30
	Total Sum		120