MS Electrical Systems Engineering Specialization: Electronics & Devices			
1. Semester 20 SWS, 30 CP	2. Semester 20 SWS, 30 CP	3. Semester 20 SWS, 30 CP	4.Semester 30 CP
Introduction to ESE *Compulsory subject* **Advanced System Theory** (4 SWS, 6 CP)	Intro. to Electronics & Devices *Compulsory subject E&D* **Fields & Waves** (4 SWS, 6 CP)	Electronics & Devices *Compulsory elective* (4 SWS, 6 CP)	**Master Thesis** (30 CP)
Introduction to ESE *Compulsory subject* **Modeling & Simulation** (4 SWS, 6 CP)	Electronics & Devices *Compulsory elective* (4 SWS, 6 CP)	Electrical Systems Engineering *Elective* (4 SWS, 6 CP)	
Intro. to Electronics & Devices *Compulsory subject E&D* **Circuit & System Design** (4 SWS, 6 CP)	Fundamentals of ESE *Compulsory elective* (4 SWS, 6 CP)	Electrical Systems Engineering *Elective* (4 SWS, 6 CP)	
Fundamentals of ESE *Compulsory elective* (4 SWS, 6 CP)			
Management and Application *Compulsory subject* **Management of Technical Projects** (2 SWS, 3 CP)	Projects *Elective* **Analysis/ Design** (6 SWS, 9 CP)	Projects *Elective* **Realization/ Test** (6 SWS, 9 CP)	
General Studies *Elective* **Language Course German or Other** (2 SWS, 3 CP)	General Studies *Elective* **Language Course German or Other** (2 SWS, 3 CP)	Management and Application *Compulsory seminar* **Topics in Systems Engineering** (2 SWS, 3 CP)	
Abbreviations: SWS: Hours per week CP: ECTS credits			

MS Electrical Systems Engineering Specialization: Signal & Information Processing			
1. Semester 20 SWS, 30 CP	2. Semester 20 SWS, 30 CP	3. Semester 20 SWS, 30 CP	4.Semester 30 CP
Introduction to ESE *Compulsory subject* **Advanced System Theory** (4 SWS, 6 CP)	Intro. to Signal & Info. Processing *Compulsory subject S&IP* **Statistical and Machine Learning** (4 SWS, 6 CP)	Signal & Information Processing *Compulsory elective* (4 SWS, 6 CP)	**Master Thesis** (30 CP)
Introduction to ESE *Compulsory subject* **Modeling & Simulation** (4 SWS, 6 CP)	Signal & Information Processing *Compulsory elective* (4 SWS, 6 CP)	Electrical Systems Engineering *Elective* (4 SWS, 6 CP)	
Intro. to Signal & Info. Processing *Compulsory subject S&IP* **Statistical Signal Processing** (4 SWS, 6 CP)	Fundamentals of ESE *Compulsory elective* (4 SWS, 6 CP)	Electrical Systems Engineering *Elective* (4 SWS, 6 CP)	
Fundamentals of ESE *Compulsory elective* (4 SWS, 6 CP)			
Management and Application *Compulsory subject* **Management of Technical Projects** (2 SWS, 3 CP)	Projects *Elective* **Analysis/ Design** (6 SWS, 9 CP)	Projects *Elective* **Realization/ Test** (6 SWS, 9 CP)	
General Studies *Elective* **Language Course German or Other** (2 SWS, 3 CP)	General Studies *Elective* **Language Course German or Other** (2 SWS, 3 CP)	Management and Application *Compulsory seminar* **Topics in Systems Engineering** (2 SWS, 3 CP)	
Abbreviations: SWS: Hours per week CP: ECTS credits			

Dokumentation der Änderungen:

Datum	Grund	Änderung	Kommentar
Sommersemester 2013ff	Lehrbelastung von Herrn Förstner: Er beantragt, eine seiner zwei Pflichtver-anstaltungen im MS ESE („Modeling & Simulation“, „Fields & Waves“) in das Sommersemester zu verlegen.	Absprache: Tausch von Fields & Waves und „Circuit & System Design“: H. Scheytt ist ebenfalls einverstanden.	
13.10.2014			Da H. Förstner entgegen der Absprache beide Pflichtveranstaltungen im WS 2014/15 anbietet, kann der Tausch erst ab WS 2015/16 greifen.