

## Bachelor Informatik (033 521)

## Pflichtfächer

## a) Fach Propädeutikum

## b) Fach Theorie

368191	UE	Algebra für Informatik	3,0	Aichinger Erhard	[EN]
368192	UE	Algebra für Informatik	3,0	Roche-Newton Oliver	[DE]
368193	UE	Algebra für Informatik	3,0	Koutschan Christoph	[DE]
368194	UE	Algebra für Informatik	3,0	Ehling Georg	[DE]
368196	UE	Algebra für Informatik	3,0	Hofstadler Clemens	[EN]
368190	VL	Algebra für Informatik	3,0	Aichinger Erhard	[DE]
338009	UE	Formal Models	1,5	, Peyrer Mark	[EN]
338011	UE	Formal Models	1,5	Heisinger Simone	[EN]
338012	UE	Formal Models	1,5	Rebola Pardo Adrian	[EN]
338013	UE	Formal Models	1,5	Pfeiffer Peter	[EN]
338014	UE	Formal Models	1,5	Froleyks Nils	[EN]
338015	UE	Formal Models	1,5	Heisinger Maximilian	[EN]
338016	UE	Formal Models	1,5	, Plank Andreas	[EN]
338017	UE	Formal Models	1,5	Heisinger Simone	[EN]
338018	UE	Formal Models	1,5	Froleyks Nils	[EN]
338019	UE	Formal Models	1,5	Froleyks Nils	[EN]
338010	VO	Formal Models	3,0	Seidl Martina, Froleyks Nils, Heisinger Maximilian	[EN]
366561	UE	Statistik	3,0	Forstner Thomas	[DE]
366562	UE	Statistik	3,0	Forstner Thomas	[DE]
366563	UE	Statistik	3,0	Forstner Thomas	[DE]
366564	UE	Statistik	3,0	Forstner Thomas	[DE]
366560	VO	Statistik	3,0	Forstner Thomas	[DE]
c) Fach Hardware					
336006	UE	Elektronik	1,5	Fath Patrick	[DE]
336033	UE	Elektronik	1,5	Fath Patrick	[DE]
336034	UE	Elektronik	1,5	Ploier Alexander	[DE]
336035	UE	Elektronik	1,5	Köfinger Michael	[DE]
336053	UE	Elektronik	1,5	Köfinger Michael	[DE]
336060	UE	Elektronik	1,5	Fath Patrick	[DE]
336032	VO	Elektronik	3,0	Pretl Harald	[DE]
366009	VO	Rechnerarchitektur	4,5	Große Daniel, Hazott Christoph	[DE]

366021	UE	Rechnerarchitektur	1,5	Hazott Christoph	[DE]
366025	UE	Rechnerarchitektur	1,5	Hazott Christoph	[DE]
366026	UE	Rechnerarchitektur	1,5	Ruep Katharina	[DE]
366027	UE	Rechnerarchitektur	1,5	Ruep Katharina	[DE]
382047	UE	Digital Signal Processing	1,5	Wagner Matthias	[EN]
382064	UE	Digital Signal Processing	1,5	Wagner Matthias, Plaimer Bernhard	[EN]
382065	UE	Digital Signal Processing	1,5	Wagner Matthias, Plaimer Bernhard	[EN]
382066	UE	Digital Signal Processing	1,5	Plaimer Bernhard, Wagner Matthias	[EN]
382067	UE	Digital Signal Processing	1,5	Wagner Matthias	[EN]
382068	UE	Digital Signal Processing	1,5	Wagner Matthias	[EN]
382069	UE	Digital Signal Processing	1,5	Wagner Matthias	[EN]
382070	UE	Digital Signal Processing	1,5	Wagner Matthias	[EN]
382063	VL	Digital Signal Processing	3,0	Huemer Mario	[EN]
<b>d) Fach Software</b>					
339171	UE	Softwareentwicklung 1	3,0	Weninger Markus	[DE]
339172	UE	Softwareentwicklung 1	3,0	Weninger Markus	[DE]
339170	VO	Softwareentwicklung 1	3,0	Mössenböck Hanspeter	[DE]
339192	UE	Softwareentwicklung 2	3,0	Weninger Markus	[DE]
339193	UE	Softwareentwicklung 2	3,0	Weninger Markus	[DE]
339194	UE	Softwareentwicklung 2	3,0	Weninger Markus	[DE]
339195	UE	Softwareentwicklung 2	3,0	Kloibhofer Sebastian	[DE]
339196	UE	Softwareentwicklung 2	3,0	Makor Lukas	[DE]
339197	UE	Softwareentwicklung 2	3,0	Prähofer Herbert	[DE]
339198	UE	Softwareentwicklung 2	3,0	Kloibhofer Sebastian	[DE]
339191	VO	Softwareentwicklung 2	3,0	Prähofer Herbert	[DE]
339100	PR	Praktikum aus Softwareentwicklung 2	3,0	Prähofer Herbert	[DE]
339101	PR	Praktikum aus Softwareentwicklung 2	3,0	Huemer Florian	[DE]
339102	PR	Praktikum aus Softwareentwicklung 2	3,0	Pichler Christoph	[DE]
340110	UE	Algorithmen und Datenstrukturen 1	1,5	Denzler Patrick	[DE]
340111	UE	Algorithmen und Datenstrukturen 1	1,5	Jäger Markus	[DE]
340112	UE	Algorithmen und Datenstrukturen 1	1,5	Jäger Markus	[DE]
340113	UE	Algorithmen und Datenstrukturen 1	1,5	Jäger Markus	[DE]
340114	UE	Algorithmen und Datenstrukturen 1	1,5	Jäger Markus	[DE]
340100	VO	Algorithmen und Datenstrukturen 1	3,0	Ferscha Alois	[DE]
<b>e) Fach Systeme</b>					
353006	VO	Betriebssysteme	3,0	Mayrhofer Rene	[EN]

353003	UE	Betriebssysteme	1,5	Kempinger Stefan	[DE]
353004	UE	Betriebssysteme	1,5	Kempinger Stefan	[DE]
353012	UE	Betriebssysteme	1,5	Roland Michael	[DE]
353013	UE	Betriebssysteme	1,5	Roland Michael	[DE]
353035	UE	Betriebssysteme	1,5	Kempinger Stefan, Roland Michael	[DE]
367061	UE	Multimediasysteme	1,5	Pollak Manuela	[DE]
367062	UE	Multimediasysteme	1,5	Pollak Manuela	[DE]
367063	UE	Multimediasysteme	1,5	Kotsis Gabriele	[DE]
367064	UE	Multimediasysteme	1,5	Kotsis Gabriele	[DE]
367066	UE	Multimediasysteme	1,5	Kotsis Gabriele	[DE]
367060	VO	Multimediasysteme	3,0	Kotsis Gabriele	[DE]
340410	UE	Embedded and Pervasive Systems	1,5	Denzler Patrick	[DE]
340411	UE	Embedded and Pervasive Systems	1,5	Denzler Patrick	[DE]
340412	UE	Embedded and Pervasive Systems	1,5	Denzler Patrick	[DE]
340413	UE	Embedded and Pervasive Systems	1,5	Denzler Patrick	[DE]
340400	VO	Embedded and Pervasive Systems	3,0	Ferscha Alois	[DE]
<b>f) Fach Anwendungen</b>					
364001	UE	Computer Graphics	1,5	Wallner Günter	[EN]
364002	UE	Computer Graphics	1,5	Wallner Günter	[EN]
364003	UE	Computer Graphics	1,5	Amala Arokia Nathan Rakesh John	[EN]
364004	UE	Computer Graphics	1,5	Wang Letian	[EN]
364005	UE	Computer Graphics	1,5	Wang Letian	[EN]
364006	UE	Computer Graphics	1,5	Wang Letian	[EN]
364007	UE	Computer Graphics	1,5	Amala Arokia Nathan Rakesh John	[EN]
364000	VO	Computer Graphics	3,0	Bimber Oliver	[EN]
<b>g) Fach Begleitende Inhalte</b>					
536035	KV	Gender Studies und Soziale Kompetenz	3,0	Guttmann Andrea	[DE]
536008	KV	Gender Studies TNF - Einführung	3,0	Guttmann Andrea	[DE]
343301	KV	Präsentations- und Arbeitstechnik	3,0	, Egyed Alexander, Rabiser Rick	[DE]
343305	KV	Präsentations- und Arbeitstechnik	3,0	Grünbacher Paul, Ratiu Cosmina-Cristina	[DE]
343306	KV	Präsentations- und Arbeitstechnik	3,0	Grünbacher Paul, Homolka Marcel	[DE]
343307	KV	Präsentations- und Arbeitstechnik	3,0	, Marchezan de Paula Luciano	[DE]
367144	VL	Wirtschaftsgrundlagen der Informatik	3,0	Retschitzegger Werner	[DE]
343355	KV	Projektorganisation	3,0	Grünbacher Paul, Mayr-Dorn Christoph	[DE]

## h) Fach Projektarbeit

336011	PR	Projektpraktikum	2,0	Ostermann Timm, Pretl Harald	[DE]
338003	PR	Projektpraktikum	2,0	Seidl Martina	[DE]
339255	PR	Projektpraktikum	2,0	Mössenböck Hanspeter, Weninger Markus	[DE]
340010	PR	Projektpraktikum	2,0	Ferscha Alois	[EN]
343353	PR	Projektpraktikum	2,0	Egyed Alexander, Grünbacher Paul	[DE]
344007	PR	Projektpraktikum	2,0	Scharinger Josef	[EN]
351067	PR	Projektpraktikum	2,0	Pröll Birgit, Küng Josef, Wöß Wolfram	[EN]
353055	PR	Projektpraktikum	2,0	Mayrhofer Rene, Sonntag Michael, Roland Michael	[DE]
364057	PR	Projektpraktikum	2,0	Bimber Oliver, Streit Marc, Wallner Günter	[EN]
366005	PR	Projektpraktikum	2,0	Große Daniel, Klemmer Lucas	[DE]
367036	PR	Projektpraktikum	2,0	Kotsis Gabriele, Hummel Karin Anna, Khalil Ismail	[EN]
367114	PR	Projektpraktikum	2,0	Retschitzegger Werner	[EN]
510200	PR	Projektpraktikum	2,0	Rabiser Rick, Zoitl Alois	[DE]
510502	PR	Projektpraktikum	2,0	, Ahmad Shahzad, Goman Maksim	[DE]
573000	PR	Projektpraktikum	2,0	Miesenberger Klaus	[DE]

## Wahlfächer

## Allgemeine Wahlveranstaltungen

364046	VO	Information Displays	3,0	Bimber Oliver	[EN]
364047	KV	Advanced Interactive Visualization	4,5	Hinterreiter Andreas, Steinparz Christian, Streit Marc	[EN]
344010	KV	Digitale Bildverarbeitung	3,0	Scharinger Josef	[DE]
351026	KV	Application Oriented Knowledge Processing	3,0	Küng Josef	[EN]
351024	KV	Conceptual Data Modeling	3,0	Wöß Wolfram	[EN]
351025	KV	Semantic Data Modeling and Applications	3,0	Wöß Wolfram	[EN]
351028	KV	Web Search and Mining	3,0	Pröll Birgit	[EN]
536020	VO	Ethics and Gender Studies	3,0	Ernst Waltraud	[EN]
536027	KV	Gender Studies Managing Equality TN	3,0	Bock von Wülflingen Bettina	[EN]
536026	KS	Soziale und geschlechterspezifische Aspekte der IT	3,0	Ruiz Ben Esther	[DE]
353018	KV	Advanced Operating Systems	3,0	Mayrhofer Rene, Sonntag Michael	[EN]
510519	KV	Cloud Security	3,0	Rass Stefan, Goman Maksim	[EN]
353061	KV	Introduction to Linux	1,5	Höller Tobias	[EN]
353070	KV	Web Security	3,0	Sonntag Michael	[EN]
343350	KV	Engineering of AI-intensive Systems	3,0	Marchezan de Paula Luciano, Egyed Alexander	[EN]
343354	KV	Product Line Engineering	3,0	, Stummer Alexander, Rabiser Rick	[EN]

365078	UE	Machine Learning: Unsupervised Techniques	1,5	Lin Wei	[EN]
365095	UE	Machine Learning: Unsupervised Techniques	1,5	Lin Wei	[EN]
365097	UE	Machine Learning: Unsupervised Techniques	1,5	Lin Wei	[EN]
365223	UE	Machine Learning: Unsupervised Techniques	1,5	Berzins Arturs	[EN]
365274	UE	Machine Learning: Unsupervised Techniques	1,5	Sestak Florian	[EN]
365275	UE	Machine Learning: Unsupervised Techniques	1,5	Abbass Mohammed	[EN]
365293	UE	Machine Learning: Unsupervised Techniques	1,5	Seidl Philipp	[EN]
365294	UE	Machine Learning: Unsupervised Techniques	1,5	Seidl Philipp	[EN]
365317	UE	Machine Learning: Unsupervised Techniques	1,5	Lin Wei	[EN]
365318	UE	Machine Learning: Unsupervised Techniques	1,5	Seidl Philipp	[EN]
365328	UE	Machine Learning: Unsupervised Techniques	1,5	Seidl Philipp	[EN]
365329	UE	Machine Learning: Unsupervised Techniques	1,5	Berzins Arturs	[EN]
365352	UE	Machine Learning: Unsupervised Techniques	1,5	Bertram Timo	[EN]
365353	UE	Machine Learning: Unsupervised Techniques	1,5	Bertram Timo	[EN]
365077	VL	Machine Learning: Unsupervised Techniques	3,0	Hochreiter Sepp	[EN]
365041	VO	Machine Learning: Advanced Techniques	3,0	Brandstetter Johannes	[EN]
365042	UE	Machine Learning: Advanced Techniques	1,5	Brandstetter Johannes	[EN]
365100	UE	Machine Learning: Advanced Techniques	1,5	Brandstetter Johannes	[EN]
365244	UE	Machine Learning: Advanced Techniques	1,5	Volkman Eric	[EN]
365245	UE	Machine Learning: Advanced Techniques	1,5	Volkman Eric	[EN]
365319	UE	Machine Learning: Advanced Techniques	1,5	Adler Thomas	[EN]
365320	UE	Machine Learning: Advanced Techniques	1,5	Adler Thomas	[EN]
365356	UE	Machine Learning: Advanced Techniques	1,5	Berzins Arturs	[EN]
365357	UE	Machine Learning: Advanced Techniques	1,5	Berzins Arturs	[EN]
365358	UE	Machine Learning: Advanced Techniques	1,5	Setinek Paul	[EN]
365359	UE	Machine Learning: Advanced Techniques	1,5	Setinek Paul	[EN]
338021	KV	SAT Solving	3,0	Seidl Martina, Frolejks Nils, Heisinger Maximilian	[EN]
238351	KV	Verallgemeinerte Lineare Modelle	3,0	Wagner Helga	[DE]
367100	KV	Big Data Engineering	3,0	Retschitzegger Werner, Kapsammer Elisabeth	[EN]
367156	KV	Modeling Internet Applications	3,0	Schwinger Wieland	[EN]

**Special Topics**

339342	KV	Dynamic Compilation and Run-time Optimization in Virtual Machines	1,5	Wirth Christian, Mosaner Raphael	[EN]
339350	KV	Semantics of Programming Languages	1,5	Steingartner William	[EN]
339358	KV	Introduction to Microcontrollers	1,5	Poth Miklos	[EN]
339365	KV	Parallel and Asynchronous Programming with .NET	1,5	Birngruber Dietrich	[EN]
353019	KV	Next-Generation Firewalls	1,5	Horacek Jan	[EN]
353029	KV	Wireless LANs	1,5	Praher-Köppl Christian	[EN]
353032	KV	Mobile Netze	1,5	Ostermayer Gerald	[DE]
336005	KV	Quantum Information	3,0	Kofler Johannes	[DE]
338006	KV	Neurosymbolic AI	3,0	Seidl Martina, Plank Andreas	[EN]
339344	KV	Formal Specification of Software	3,0	Lightfoot David	[EN]
339352	KV	Functional Programming in Java	3,0	Prähofer Herbert, Fried Alexander	[EN]
339368	KV	Introduction to Full Stack Web Development	3,0	Weninger Markus	[EN]
344032	KV	Audio and Music Processing	3,0	Schlüter Jan	[EN]
344058	KV	Machine Learning and Audio: a challenge	3,0	Primus Paul, Schmid Florian	[EN]
351039	KV	Graph Databases	3,0	Küng Josef	[EN]
364503	KV	Interactive Storytelling	3,0	Dormann Claire	[EN]
367020	KV	Wireless Networks	3,0	Hummel Karin Anna	[EN]
510504	KV	Decision Making in Security	3,0	Goman Maksim	[EN]
510522	KV	Security Infrastructures	3,0	Rass Stefan, Goman Maksim	[EN]
3260VR	VL	Formale Modelle Paralleler und Verteilter Systeme	3,0	Schreiner Wolfgang	[EN]
326024	VL	Formale Semantik von Programmiersprachen	3,0	Schreiner Wolfgang	[EN]
353057	VL	Patente und Schutzrechte für Ingenieure	3,0	Sonntag Michael	[DE]
336009	KV	Advanced Topics Quantum Informations	4,5	Küng Richard	[DE]
344052	KV	Multimedia Data Mining	4,5	Schedl Markus, Nawaz Shah	[EN]
364501	KV	Games User Research	4,5	Dormann Claire	[EN]
531705	KV	GenAI and Digital Tools in Educational Context	4,5	Sabitzer Barbara, Kuka Lisa	[DE]
336007	SE	Quantum Information and Computation	3,0	Kofler Johannes	[DE]

**Seminar**

338007	SE	Seminar in Computational Engineering	3,0	Seidl Martina, Plank Andreas	[EN]
351031	SE	Seminar in Intelligent Information Systems	3,0	Wößl Wolfram	[EN]
351032	SE	Seminar in Intelligent Information Systems	3,0	Pröll Birgit	[EN]
367112	SE	Seminar in Intelligent Information Systems	3,0	Kapsammer Elisabeth, Retschitzegger Werner	[EN]
573026	SE	Seminar in Intelligent Information Systems	3,0	Miesenberger Klaus, Koutny Reinhard	[EN]
510503	SE	Seminar in Networks and Security	3,0	Rass Stefan, Ahmad Shahzad	[EN]

<b>340040</b>	SE	<b>Seminar in Pervasive Computing</b>	3,0	Ferscha Alois	[EN]
<b>364053</b>	SE	<b>Seminar in Pervasive Computing</b>	3,0	Bimber Oliver, Streit Marc, Wallner Günter	[EN]
<b>367006</b>	SE	<b>Seminar in Pervasive Computing</b>	3,0	Hummel Karin Anna, Kotsis Gabriele	[EN]
<b>339380</b>	SE	<b>Seminar in Software Engineering</b>	3,0	Weninger Markus	[EN]
<b>343006</b>	SE	<b>Seminar in Software Engineering</b>	3,0	Marchezan de Paula Luciano, Ratiu Cosmina-Cristina	[EN]
<b>344059</b>	SE	<b>Seminar in Data Science</b>	3,0	Cancino Chacon Carlos Eduardo	[EN]
<b>351007</b>	SE	<b>Seminar in Data Science</b>	3,0	Fürnkranz Johannes	[EN]