## Doctoral Program in Informatics Degree Program in Comprehensive Human Sciences Graduate School of Comprehensive Human Sciences

[Study method · Completion requirements]

	Course group	Condition or Course names	Credits
		At least 10 credits must be taken for the following.	-
Major Courses	l	(1) 6 credits must be taken from Research Seminar Courses	10~
		(2) 4 credits must be taken from Practical Seminar Courses Graduate	
	Cominan	General Education Courses (GGEC), Interdisciplinary Foundation	
	Seminar	Courses, Degree Programs' Common Courses and lecture courses of	
		other graduate schools or degree programs of the University will	
		be accepted as requirements for completion at a maximum of 2	
		credits out of Practical Seminar Courses.	
			10
he fellowing and	+	Total Required Credits	10
		ts for completion of the Doctoral Program.	
-		following the table above.	
eminars are categ			
<ul> <li>Practical Semina</li> </ul>	r Courses: Pro	ject Based Learning (2 credits),Research Internship (2 credits)	
	Rese	earch Instruction (2credits),	
<ul> <li>Research Semina</li> </ul>	r Courses: Info	ormatics Seminar a1 (1 credit) , Informatics Seminar a2 (1 credit)	
	Info	ormatics Seminar b1 (1 credit) , Informatics Seminar b2 (1 credit)	
	Svnt	thetic Seminar on Informatics Ia (1 credit)	
	•	thetic Seminar on Informatics Ib (1 credit)	
		thetic Seminar on Informatics IIa (1 credit)	
		thetic Seminar on Informatics IIb (1 credit)	
			aradit)
		bal research seminar IVa(1 credit) , Global research seminar IVb(1 c	
	Glob	bal research seminar Va(1credit)    , Global research seminar Vb(1c	redit)
		ral Students: Ability to create knowledge Management ability Communication ability Leadership ability International character	
· Competences Spec	ified by Docto		
Competences Spec	-	ral Program	
• Competences Spec	-	ral Program Informatics: Research capabilities in Informatics	
• Competences Spec	-	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics	
	in	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics	am in
3. Give an inter	in	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics	am in
3. Give an inter Informatics.	in im presentatio	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra	am in
B. Give an inter Informatics. J. Pass the Doct	in im presentatio	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics	am in
6. Give an inter Informatics. 9. Pass the Doct Note:	in im presentatio oral dissertat	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra ion evaluation and final exam.	
6. Give an inter Informatics. 9. Pass the Doct Note:	in im presentatio oral dissertat enroll for exte	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra	
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> </ul>	in im presentatio oral dissertat enroll for exte credits.	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra ion evaluation and final exam.	
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> </ul>	in im presentatio oral dissertat enroll for exte credits. t be taken fro	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics)	
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> </ul>	in im presentatio oral dissertat enroll for exte credits. t be taken fro must be taken	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb.	with a
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear</li> </ul>	in im presentatio oral dissertat enroll for exte credits. t be taken fro must be taken	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2.	with a
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar IIIa	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion	with a
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar IIa enroll for cour	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Progra ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree	with a ee rograms of
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar IIa enroll for cour	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion	with a ee rograms of
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion	with a ee rograms of on
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct ote:</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene</li> </ul>	im presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education (	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs'	with a ee rograms of on Common
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lectu</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education ( ure courses of	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted	with a ee rograms of on Common as
<ul> <li>B. Give an inter Informatics.</li> <li>Pass the Doct lote:</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>B. All 4 credits</li> <li>B. Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lecturequirements</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education ( ure courses of for completion	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs'	with a ee rograms of on Common as
<ol> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lectu requirements by the designa</li> </ol>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education ( ure courses of for completion ited deadline.	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted . Those seeking accreditation for credits must submit the necessary appl	with a ee rograms of on Common as ication form
<ul> <li>B. Give an inter Informatics.</li> <li>Pass the Doct lote:</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lecturequirements by the designa</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education ( ure courses of for completion ited deadline.	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted	with a ee rograms of on Common as ication form
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lecturequirements by the designa Credits acquir</li> </ul>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education ( ure courses of for completion ited deadline. ed in the gradu	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted . Those seeking accreditation for credits must submit the necessary appl	with a ee rograms of on Common as ication form on
<ol> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lecturequirements by the designa</li> <li>Credits acquir</li> </ol>	in presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar II enroll for coun to acquire sup ral Education ( ure courses of for completion ited deadline. ed in the gradu	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted . Those seeking accreditation for credits must submit the necessary appleu uate school prior to admission can be accredited for the program completing	with a ee rograms of on Common as ication form on
<ol> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lectu requirements by the designa</li> <li>Credits acquir requirements. deadline.</li> </ol>	in im presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar IIIa enroll for coun to acquire sup ral Education ( ure courses of for completion ited deadline. ed in the gradu Those seeking a	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted . Those seeking accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accreditation for credits must submit the necessary application form by the school prior to admission can be accredited for the program completing accessing accredited for the program completing accessing accessing accredi	with a ee rograms of on Common as ication form on che designate
<ul> <li>Give an inter Informatics.</li> <li>Pass the Doct</li> <li>Students can maximum of 10</li> <li>2 credits mus</li> <li>All 4 credits</li> <li>Global resear requirements.</li> <li>Students can the University requirements.</li> <li>Graduate Gene Courses, lectu requirements by the designa</li> <li>Credits acquir requirements. deadline.</li> </ul>	in im presentatio oral dissertat enroll for exte credits. t be taken fro must be taken ch seminar IIIa enroll for coun to acquire sup ral Education ( ure courses of for completion ited deadline. ed in the gradu Those seeking a	ral Program Informatics: Research capabilities in Informatics Expertise in Informatics Ethics in Informatics n of the thesis theme following the regulations of the Doctoral Programion ion evaluation and final exam. ernal courses (courses other than the Doctoral Program in Informatics) m Informatics Seminar a1, a2, b1, or b2. from the Synthetic Seminar on Informatics Ia, Ib, IIa, and IIb. , IIIb, IVa, IVb, Va, and Vb are not counted as credits of completion rses of undergraduate schools, Master's Programs and Professional Degree oplementary knowledge, but they are not counted as credits of completion Courses (GGEC), Interdisciplinary Foundation Courses, Degree Programs' other programs or graduate schools of the University will be accepted . Those seeking accreditation for credits must submit the necessary appleu uate school prior to admission can be accredited for the program completing	with a ee rograms or on Common as ication form on che designate