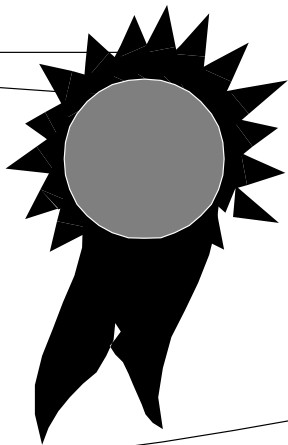


English version

Codebook

13 waves



*AG
Hochschul-
forschung*

1983 - 2016

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Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
Questions and items collected up to the 13th wave			
System variables			
	Missing Codes	-9 = Variable was not asked in wave x -10 = Variable was not collected in online version 2016 (groups 5-8) -11 = Variable was not collected by filter -12 = Data deleted by cleanup	For detailed explanation on missings see method report For detailed explanation on missings see method report
v1	Wave	1 1982/83 2 1984/85 3 1986/87 4 1989/90 5 1992/93 6 1994/95 7 1997/98 8 2000/01 9 2003/04 10 2006/07 11 2009/10 12 2012/13 13 2015/16	
v2	Running number from single files	Wave 1: 1 - 7817 Wave 2: 1 - 10038 Wave 3: 1 - 9852 Wave 4: 1 - 8812 Wave 5: 1 - 9240 Wave 6: 1 - 8461 Wave 7: 1 - 7271 Wave 8: 1 - 8130 Wave 9: 1 - 9975 Wave 10: 1 - 8350 Wave 11: 1 - 7590 Wave 12: 1 - 4884 Wave 13: 1 - 8549	Running number for persons per wave Total: 108.969 persons
v3	Design groups	0 Paper questionnaire 1 Paper questionnaire from selected group 2 Online from selected group	For wave 1-12 only code 0

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
		3 Online long (with motivational pages) 4 Online long (without motivational pages) 5 Online short (Module C) 6 Online short (Module D) 7 Online short (Module E) 8 Online short (Module F) 9 Online short (Single-HS)	Only in wave 13 codes 1-9 for identification of the respective design groups
Social data			
v4	104-109-117-117-112-119-119-94-90-90-92-90-80 <i>How old are you?</i>	1 under 19 years 2 19-20 years 3 21-22 years 4 23-24 years 5 25-26 years 6 27-28 years 7 29-30 years 8 31-40 years 9 41-50 years 10 over 50 years	Question numbers in single waves Wave 1-13 Categorized values due to anonymization requirements
v5	105-110-118-118-113-120-120-95-91-91-93-90-81 Gender	1 = male 2 = female	
v6	106-111-119-119-114-121-121-96-92-92-94-92-82 <i>Your marital status?</i> a) single without a steady partner relationship b) single with a steady partner relationship c) married d) widowed, divorced	1 = a) 2 = b) 3 = c) 4 = d)	Wave 1-13 for wave 2-11: 1=married, 2= single with a steady partner relationship, 3= single without a steady partner relationship, 4=living separately, divorced, widowed) codes were adjusted: 1=3, 3=1. for wave 13: Addition for married: / registered life partnership
v7	107-112-120-120-115-122-122-97-93-93-95-93-83 <i>Do you have children?</i>	0 = no 1 = yes, namely 1 child 2 = yes, namely 2 children 3 = yes, namely 3 or more children	Wave 1-13 Specification in the data was limited to "3 or more children" due to anonymization requirements.
v8	0-113-121-121-116-124-123-98-94-94-96-94-84 <i>Place of study non-systematic</i>	101-145	Wave 1-13

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
			Due to anonymization requirements, the universities were assigned unsystematic codes without labels. This variable only exists in the remote access files.
v9	0-113-121-121-116-124-123-98-94-94-96-94-84 <i>Type of university</i>	1 = University 2 = University of Applied Sciences	Wave 1-13 Not asked in wave 1, but precoded. Created from v8
v10	<i>State of the university location</i>	1 = old states 2 = new states	Wave 1-13 Due to anonymization requirements, the state was categorized.
v11	41-114-122-122-117-125-124-x-x-x-x-x <i>Is your place of study also your hometown? (Parents' place of residence/at the end of school)</i> a) yes b) no, I'm from closer surroundings (up to approx. 50 km), same state c) no, I come from a closer area (up to approx. 50 km), other state d) no, my hometown is further away, but in the same state e) no, my hometown is further away and in another state	1 = a) 2 = b) 3 = c) 4 = d) 5 = e)	Wave 1-7
v12	x-x-x-x-x-x-x-x-x-95-85 <i>What is your citizenship?</i>	1 = german 2 = another one 3 = multiple	Wave 12-13 Only 1 and 2 coded in wave 12, Code 3 only in wave 13
v13	x-x-x-x-x-x-x-x-x-97-86 <i>Where were you born?</i>	1 = in Germany 2 = in another country	Wave 12-13
v14 v15	x-x-x-x-x-x-x-x-x-98-87 <i>What is the citizenship of your parents?</i> <i>Father</i> <i>Mother</i>	1 = german 2 = another one	Wave 12-13
v16 v17	x-x-x-x-x-x-x-x-x-99-88 <i>Were your parents born in Germany?</i> <i>Father</i> <i>Mother</i>	1 = yes 2 = no	Wave 12-13

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
	108-115-123-123-118-127-125-99-95-95-97-101-90		
v20 v21 v22	What school degree do your parents have? (please specify only the highest) Father Mother Parents (highest)	1 = a) Secondary school (at least 8th grade) 2 = b) Intermediate maturity/ Secondary school diploma (10th grade) 3 = c) High school diploma (or other HS maturity) 4 = d) no degree (less than 8 classes) 5 = e) other, do not know	Wave 1-13 In wave 1 school and college combined with 7 expressions asked, no category 4. Data for wave 1 were recoded and adjusted: College educations (in wave 1: d-f received code 3 here; and g code 5). Parents: combination of v20 and v21; 3 beats 2 > 1 > 5 > 4
	108-116-124-124-119-128-126-100-96-96-98-102-91		
v23 v24	And what professional degree do your parents have? Degrees in the FRG (Federal Republic of Germany) Father Mother	1 = Apprenticeship or qualification as a skilled worker 2 = Master craftsman exam (only from wave 8 alone) 3 = technical college, technical school, commercial academy 4 = Technical college, teacher training college 5 = scientific university (Uni., TU, PC) 6 = no occupational degree 7 = other, do not know	Wave 1-13 In wave 1, combination of school and training, therefore only codes 4, 6 and 7 available, rest = missing, since code 5 (HS without degree) does not allow statements on other degrees. No statements on other qualifications possible. In wave 2 - 7 in original data only 6 expression, because code 2 and 3 were combined. Therefore for 2 = missing. For wave 5-7, special specifications for graduation in the GDR, coded in v1156 and v1157.
	x-x-x-x-119-128-126-x-x-x-x-x-x		
v1156 v1157	And what professional degree do your parents have? Degrees in the former GDR (German Democratic Republic) Father Mother	1 = Skilled worker certificate 2 = Master craftsman exam 3 = Graduation from technical school, engineering school, commercial academy 4 = Graduation from a university (incl. teacher training) 5 = no occupational qualification 6 = other, do not know	Wave 5-7 as an addition to v23 and v24
	Education degree		
v25 v26 v27	Father Mother Parents (highest)	1 = Apprenticeship or qualification as a skilled worker 2 = Master craftsman exam 3 = Technical school or college, teacher training college 4 = University, Technical University Pedagogical college 5 = no occupational qualification 6 = other, do not know	Wave 1-13 formed from v23 or v24 and v1156 or v1157 cannot be mapped exactly for wave 1; here, only codes 1 and 5 can be included via v34 and v35. Rest is not clearly assignable. Higher respect applies to degrees from GDR and FRG: Teacher training college in GDR can only be assigned code 4 here. Parents: combination of v25 and v26; 4 beats 3>2>1>6>5

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
v28 v29 v30	<i>Educational qualification (combined with occupational qualification)</i> <i>Father</i> <i>Mother</i> <i>Parents (highest)</i>	1 = Secondary school/apprenticeship 2 = Intermediate maturity/apprenticeship 3 = Master craftsman exam 4 = Technical school and / or high school diploma 5 = University of Applied Sciences 6 = University/Technical HS 7 = other/don't know	formed from v20 to v27 Degrees from GDR and FRG apply higher Code 7 "other" also includes the codes for "no degree" Parents: combination of v28 and v29; 6 beats 5>4>3>2>1>7
V1158	<i>Parents' university degree</i>	1 = both have university degrees 2 = only father university degree 3 = only mother university degree 4 = none has university degree	Wave 1-13 formed from v23 and v24 as well as v1156 and v1157
v31 v32	x-x-x-x-x-x-101-97-97-99-103-x <i>In which area is the occupational training of your parents to be classified?</i> <i>Father</i> <i>Mother</i>	see list 2 in the appendix Codes differentiated according to subject groups Codes 1-11 for higher education 21-31 for occupational training 40 for "no occupational training" 50 for "do not know"	Wave 8-12: List 2 from Wave 10-12 University degrees: 1-11 Other degrees: 21-31 In wave 10-12, engineering or technical occupations were split into two codes: 7 and 8, and 27 and 28, respectively. In waves 8-9, only codes 7 and 17, respectively. Here codes according to specifications from wave 10, for wave 8 and 9 are 8 and 28 = missing.
v33	<i>Professional tradition</i>	0 no professional tradition 1 PT both parents HE (higher education) 2 PT Father HE – M HE 3 PT Mother HE – F HE 4 PT both F HE – M occupational 5 PT both F occupational – M HE 6 PT Father HE – M occupational 7 PT Mother HE – F occupational 8 PT Father HE – M unknown 9 PT Mother HE – F unknown 10 PT Father occupational - M HE 11 PT Mother occupational - F HE 12 PT both parents occupational 13 PT Father occupational – M occupational 14 PT Mother occupational. – F occupational 15 PT Father occupational – M unknown 16 PT Mother occupational – F unknown 17 PT Father HE – Mother no education	Combination of v31 and v32 with matching v43 subject group of students Professional tradition if father or mother are educated in the same subject group (college or occupational) as the student's subject group. Ex.: Code 5: PT both F occupational – M HE -> Subject tradition with both parents – mother has university degree, father has professional degree in the same subject group as studying child. Ex.: Code 7: PT Mother HE - F occupational -> Subject tradition only with mother who has university degree in same subject group as studying child - father has professional education belonging to different subject group.

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
		7 = Engineering 8 = Agricultural and food sciences 9 = Art, Musicology 10 = Sports 11 = other subjects	For compilation see detailed file "Subjects of study"
v44	<i>Fields of study according to specifications of the Federal Statistical Office</i>	Codes: 1-83	FOS according to FSO Variable is fully present only in files about remote access, in download files expression with smallest N was moved to another category See detailed file on subject coding
v45	<i>Subject groups according to specifications of the Federal Statistical Office</i>	Codes: 1-5, 7-10 1. = Arts and Humanities 2. = Sports 3. = Law, economics and social sciences 4. = Mathematics, natural sciences 5. = Human medicine/health sciences 6. = Agricultural, forestry and nutritional sciences, veterinary medicine 8. = Engineering 9. = Art, Art science 10. = Outside the study area classification	SG according to FSO Codes taken from FSO, therefore without code 6. See in detail file "Subjects of study"
v46	<i>Subject group</i> 12 categories (7 for University, 3 University of Applied Sciences)	1 = Cultural Studies 2 = Social Sciences 3 = Law 4 = Economics 5 = Medicine 6 = Natural sciences 7 = Engineering 8 = other subjects university 9 = Social sciences UAS 10 = Economics UAS 11 = Engineering UAS 12 = other subjects UAS	formed from v43 with inclusion of v9 For compilation see detailed file "Fields of study" Sports and agricultural sciences fall under "other", at UAS also medicine, cultural and natural sciences.
v47	13 categories (+Teaching profession as a separate category 13)	13 Teachers' College	Formed from v46 with inclusion of v49
	x-4-5-5-3-3-3-3-2-2-2-2		
v48	What degree are you aiming for? (if more than one degree is desired, please name the one closest in time)	1 = Bachelor 2 = Master 3 = Diploma 4 = Magister	Wave 2-13 Wave 2-4: Differentiation by teaching position summarized and assigned with code 5.

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
v49		5 = State Examination 6 = Promotion 7 = other qualification (e.g. ecclesiastical final examination) 8 = have not yet decided	Code 1 and 2 only from wave 8 Code 6 for wave 3-10 taken from v39
	Are you pursuing a teaching degree?	1 = no 2 = yes	As a separate question only from wave 10, before that coded in intended degree In wave 1, own question, differentiated by school type, until wave 4 also differentiated by school type at graduation
v49a	3-4-5-5-x-x-x-x-x-x-x-x		
	School type for teaching profession	1 = Elementary, secondary school 2 = High school (upper secondary school) 3 = vocational schools, special schools	Wave 1-4 Additional subdivision for question on degree pursued: <i>State examination for teaching ...</i> Own Question in wave 1: <i>Are you aiming for the state examination for a teaching profession?</i>
v50	1-1-1-1-1-1-1-1-1-3-3-3		
	Have you already earned a college degree?	1 = no 2 = yes, without further specification 3 = yes, Bachelor 4 = yes, Master 5 = yes, Magister 6 = yes, Diploma 7 = yes, state examination 8 = yes, others	Wave 1-13 Own question starting with wave 10, before that coded in question 1 without specification of degree type, therefore up to wave 9 only code 2 possible. In wave 10, only related to master's degree, with 4 values (see v333) In wave 11, code 5 and 6 were combined, so only code 5 and 6=missing there.
v51	x-(Deckblatt)-3-3-4-4-4-4-4-x-x-x		
	Is the winter semester xxxx an internship semester for you? (yes/no) till stu93: 1-3	1 = no 2 = yes, without further specification 3 = yes, Pre- /basic internship 4 = yes, 1. internship semester 5 = yes, 2. internship semester	Wave 2-10 In wave 2 only asked at UAS via extra question on cover sheet. Values 3-5 only in wave 2-5 From wave 6 only answers no / yes asked, therefore only code 1 and 2.
v52	x-3-4-4-x-x-x-x-x-x-x-x		
	Did you apply for a study place via the ZVS (Dortmund) (selection procedure)?	1 = a) no 2 = b) yes, applied and was immediately admitted to the desired study program	Wave 2-4
	v53 Subject, code number for d)	3 = c) initially a negative response, but today I study the desired subject	In wave 2: only v52 and v53. v54 and v55 were only additionally asked from wave 3 onwards.
	v54 Or did you apply directly to individual universities (due to local admission restrictions)?	4 = d) negative decision, do not study today the then desired subject	
	v55 Subject, code number for d)	(insert code number)	

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
		Code numbers 11-98	
	4-5-6-6-5-5-5-5-5-4-4		
v56 v57 v58 v59	<i>Type of higher education</i> a) general university entrance qualification b) Subject-related university entrance qualification c) University of Applied Sciences d) Other university entrance qualification (Wave 11-13)	a) 1 = yes b) 1 = yes c) 1 = yes d) 1 = yes	Wave 1-13 Type of HSR was queried via four individual variables that could be checked, so there is only code 1. Compilation of all four types in v65. d) only in wave 11-13 Original data, values were not adjusted, multiple responses available, data on v62 missing in wave 2 (see also v65 and v66) d) only in wave 11-13 Compilation of all four variables in v66 Variables with year information are complete only in remote access files, in download files they were categorized.
v60 v61 v62 v63	<i>Year of university entrance qualification</i> a) general university entrance qualification b) Subject-related university entrance qualification c) University of Applied Sciences d) Other university entrance qualification (Wave 11-13)	1901-2015 1901-2015 1901-2015 1973-2015	
	x-x-x-x-x-x-x-x-6-6-5-4		
v64	<i>In which state did you obtain your higher education entrance qualification?</i>	1. Baden-Wuerttemberg 2. Bavaria 3. Berlin 4. Brandenburg 5. Bremen 6. Hamburg 7. Hesse 8. Mecklenburg-Western Pomerania 9. Lower Saxony 10. Rhineland-Palatinate 11. North Rhine-Westphalia 12. Saarland 13. Saxony 14. Saxony-Anhalt 15. Schleswig-Holstein 16. Thuringia 17. Abroad (Wave 13) 18. n/a or unknown location	Wave 10-13 Open query This variable is fully present only in remote access files, in download files it was categorized. Code 17 only present in wave 13
v65	<i>Type of university entrance qualification</i>	1 = a) general university entrance qualification 2 = b) Subject-related university entrance qualification 3 = c) University of Applied Sciences 4 = d) Other university entrance qualification	Formed from v56-v59, highest was used if more than one was specified
v66	<i>Year of university entrance qualification</i>	1901-2015	Formed from v60-v63

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
			Year of highest HSR for multiple responses, Inclusion of missings for HSR type when year information is available. Variable is fully present only in remote access files, in download files it was categorized.
v66b	<i>Year of UEQ - adjusted</i>	1927-2015	Cleanup from v66 Missing code -12 for invalid data Variable is fully present only in remote access files, in download files it was categorized.
	<i>x-x-x-x-6-6-6-6-x-6-6-5-4</i>		
v67	<i>Where did you earn your eligibility for higher education?</i>	1 = a) in one of the old states 2 = b) in one of the new states (of the former GDR) 3 = c) in another country	Wave 5-8 Coded for wave 10-13 from v64
	<i>5-6-6-7-x-x-x-x-x-x-x-x</i>		
v68	<i>How did you earn your eligibility for your current college degree?</i>	1 = High school 2 = Comprehensive school with high school upper stage 3 = Technical High School 4 = Evening high school, college 5 = Secondary technical school 6 = Vocational school, technical academy 7 = completed basic/main studies at UAS 8 = Assessment test/ Gifted and Talented exam 9 = other HSC	Wave 1-4 In wave 1 and 2 codes 5 and 6 are combined, therefore only code 5, 6=missing.
	<i>x-7-8-8-x-x-x-x-x-x-x-x</i>		
v69	<i>Which high school branch did you attend in the last few school years?</i>	1 = was not at high school 2 = new - languages 3 = old - languages 4 = mathematical/scientific 5 = others	Wave 2-4
	<i>9-8-9-9-x-x-x-x-x-x-x-x</i>		
v70	<i>Did you attend the reformed upper stage school?</i>	1 = no 2 = yes	Wave 1-4
	<i>11-9-10-10-x-x-x-7-6-7-7-x-x</i>		
v71	<i>In which subjects did you have your advanced courses for the high school graduation exam?</i> <i>1. Advanced course</i>	01 German/Literature 02 English 03 French 04 another new language	Wave 1-4, 8-11

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
v72 v73	2. Advanced course if 3. Advanced course (Wave 2-4, 8-9)	05 Latin 06 Greek 07 Art/Music 08 other linguistic-literary-artistic subject 09 Mathematics 10 Informatics 11 Physics 12 Chemistry 13 Biology 14 Technology/Engineering 15 other math.-scientific subject 16 Geography 17 History/ Social Community Studies 18 Economics/Social Sciences 19 Educational science, philosophy 20 other. social science. subject 21 Sports 22 Religion	In wave 1, the respondents were asked about four A-level subjects and whether each of them was a basic or advanced course. This has been adjusted here. v73 was only asked up to wave 9 Variables are complete only in files about remote access, in the download files the expressions with small N were moved to the categories "other".
v74	6-10-11-11-7-7-8-7-8-8-6-5 What average grade did you have on the diploma that qualifies you to enter a university program?	1,0 - 6,0	Wave 1-13 Variable is fully present only in remote access files, in download files it was categorized.
v75	46-56-60-60-51-52-13-12-11-11-11-8-10 In which semester are you in the WS xxxx?	1-30	Wave 1-13 Values were limited to a maximum of 30 due to anonymization requirements.
v75b	Semester, adjusted	1-30	Missing code -12 for invalid data
v76	47-55-59-59-50-51-12-11-10-10-10-9-11 In which university semester are you in WS xxxx?	1-30	Wave 1-13 Values were limited to a maximum of 30 due to anonymization requirements.
v76b	University semester, adjusted	1-30	Missing code -12 for invalid data
Activities before studies			
v77	x-11-12-12-x-8-8-x-x-x-x-x-x Were you already in a professional training program before obtaining your university entrance qualification?	1 = no, 2 = yes	Wave 2-4, 6-7 In waves 3 and 4, only answer "yes" was possible for v77, rest is set missing.
v78	Duration in months	0-99	

Var.- Nr.	Question numbers, questions, items Waves: 1=1982, 2=1984, 3=1986, 4=1989, 5=1992, 6=1994, 7=1997, 8=2000, 9=2003, 10=2006, 11=2009, 12=2012, 13=2015)	Codes	Remarks
v79	Degree?	1 = no, 2 = yes	Month specifications: Input only possible with two digits, therefore 99=maximum value.
v80	And were you employed prior to obtaining your high school diploma? (wave 3-4, 6-7)	1 = no, 2 = yes (Waves 3-4 only „yes“)	In wave 3 and 4 only answer "yes" was possible for v79
v81	Months (wave 3-4, 6-7)	0-99	
v77b	Vocational education, adjusted	1 = no, 2 = yes	Cleanup of v77 and v80: adjusted to monthly data
v78b	Vocational training, months, adjusted	0-99	
v80b	Employed, adjusted	1 = no, 2 = yes	Cleanup from v78 and v81
v81b	Employed, months, adjusted	0-99	Missing-code -12 for invalid data
	8-12-14-14-9-9-9-8-9-9-7-6		
	What did you do after obtaining your higher education entrance qualification?		Wave 1-13 In wave 13, only v85, v87, v88, and v89 are present, but question text: <i>Did you start vocational training before first enrollment/study?</i> <i>And did you have a job prior to your studies?</i> v82: Text in wave 1: started right away with current subject studies (also pre-internships); in wave 2: started right away with studies (also pre-internships)
v82	- started studying right away	1 = no, 2 = yes (wave 3-4: only "yes")	
v83	- completed a vocational internship (wave 3-12)	1 = no, 2 = yes (wave 3-4: only "yes")	
v84	Duration (months)	0-99	
v85	- Started vocational training (wave 1, 2-4, 5-13)	1 = no, 2 = yes (wave 3-4: only "yes")	
v86	Duration (months) (wave 1-12)	0-99	
v87	Graduation (wave 1, 2-4, 5-13)	1 = no, 2 = yes	
v88	- carried out a professional activity	1 = no, 2 = yes (wave 3-4: only "yes")	for v82, v83, v85, v87, v88, v90, v92, v94 only one answer "yes" was asked in wave 3 and 4, rest is set missing
v89	Duration (months)	0-99	
v90	- Military service completed (wave 1-12)	1 = no, 2 = yes (wave 3-4: only "yes")	
v91	Duration (months) (wave 1-12)	0-99	v83 only as of wave 3
v92	- Civilian service or social year completed (wave 1-12)	1 = no, 2 = yes (wave 3-4: only "yes")	v85 is coded for wave 2-4 via v96 + v99 + v102
v93	Duration (months) (wave 1-12)	0-88	v87 is coded for wave 2-4 via v98 + v101 + v104
v94	- Other (e.g., traveled, paused, worked) (wave 1-12)	1 = no, 2 = yes (wave 3-4: only "yes")	
v95	Duration (months) (wave 1-12)	0-99	Month specifications: Input only possible with two digits, therefore 99=maximum value.
	started a vocational training program, namely.... (wave 2-4)		
v96	- in a recognized training occupation (apprenticeship)	1 = no, 2 = yes (wave 3-4: only "yes")	v96-v104: was only differentiated in wave 2-4
v97	Duration (months)	0-99	
v98	Graduation	1 = no, 2 = yes	Monthly data: Input only possible in two digits, therefore 99=maximum value.
v99	- school-based vocational training (e.g. vocational school)	1 = no, 2 = yes (wave 3-4: only "yes")	
v100	Duration (months)	0-71	
v101	Graduation	1 = no, 2 = yes	
v102	- Other vocational training (e.g. civil service training)	1 = no, 2 = yes (wave 3-4: only "yes")	
v103	Duration (months)	0-96	
v104	Graduation	1 = no, 2 = yes	

v83b	Professional internship, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	Adjustment by adjustment to monthly data If monthly data available, code is set to "yes"
v85b	Vocational apprenticeship, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v88b	Professional activity, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v90b	Military service, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v92b	civilian service or social year, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v94b	other, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v96b	recognized training occupation, apprenticeship, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v99b	school-based vocational training, vocational school, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v102b	other vocational training, adjusted	1 = no, 2 = yes (wave 3-4: only "yes")	
v84b	Adjusted monthly data on vocational internship	0-99	Cleanup Missing code -12 for invalid data
v86b	Adjusted monthly data on vocational training	0-99	
v89b	Adjusted monthly data on occupation	0-99	
v91b	Adjusted monthly data on military service	0-99	
v93b	Adjusted monthly data on civilian service or social year	0-64	
v95b	Adjusted monthly data on other	0-99	
v97b	Adjusted monthly data on recognized training occupation	0-99	
v100b	Adjusted monthly data on school-based vocational training	0-62	
v103b	Adjusted monthly data on other vocational training	0-96	
v85a	x-11-12-12-8-8-8-x-x-x-x-x-x-x		
	8-12-14-14-9-9-9-8-9-9-7-6 In apprenticeship or working before studying?	1 = no, 2 = yes	Wave 1-13 Combination of questions on activities before and after obtaining a university entrance qualification. V77 and v85, or v80 and v88. In wave 1, only question about apprenticeship.
v105	x-13-15-15-x-10-10-x-x-x-x-x-x		
	Is your professional apprenticeship or employment related to the content of your field of study?	1 = was not in apprenticeship/occupation activity 2 = very close 3 = mostly 4 = partly 5 = a little 6 = not at all	Wave 2-4, 6-7
v106	x-x-13-13-10-11-11-10-9-x-x-x-x		
	How much time elapsed between the time you earned your high school diploma and the time you began your studies?	0-99 months	Wave 3-9 Month specifications: Input only possible with two digits, therefore 99 maximum value.
v106b	Adjusted data on time until start of study	0-99	Missing-code -12 for invalid data
Admission to study			
v107	x-15-16-16-11-12-14-13-12-12-12-10-7		
	What best characterizes your situation prior to entering college?	1 = I did not actually want to study 2 = I was unsure for a long time	Wave 2-13

		3 = I was pretty sure that I wanted to study 4 = For me it was clear from the start that I would study	
	<i>x-x-17-17-12-13-x-x-x-x-x-x</i>		
v108	<i>What types of higher education institutions were you considering at the time when you made your decision to study?</i>		Wave 3-6
v109	University / Technical University	1 = not at all	
v110	University of Applied Sciences	2 = a little	
v111	Comprehensive University (only wave 3-4)	3 = seriously	
v112	College of art/music (only wave 3-4)	4 = only this university type	
	other (please name)		v112: the open answers are not available in the data set
	<i>x-x-18-18-x-x-x-x-x-x-x-x</i>		
v113	<i>Did you consider apprenticeship opportunities outside of college at that time?</i>	1 = no 2 = a little (only informed) 3 = seriously 4 = started other apprenticeship	Wave 3-4
Motives and expectations			
	<i>(15)-17-19-19-13-14-15-14-13-13-11-8</i>		
	<i>How important were the following reasons to you in deciding on your current major?</i>		Wave 1-13
v114	special interest	unimportant very important	Attention wave 1: v114-v119, v121 present but with scale 1-4 (unimportant/lowly important/important/very important). recoded to: 1=1, 2=2, 3=4, 4=5 Text for v121: Wave 1,4-8: Alternative solution, since numerus clausus in the actually desired subject Wave 12-13: alternative solution, since no acceptance in the desired subject
v115	own talent, skills	↓ ↓	
v116	Income opportunities in later career	0 - 1 - 2 - 3 - 4 - 5 - 6	
v117	fixed career aspiration		
v118	Variety of career opportunities through this degree (waves 1-12)		
v119	good prospects for secure job		
v120	Good prospects of moving into a management position later on (wave 2-13)		
v121	Alternative solution, since no acceptance in the (actually) desired field of study (wave 1, 4-8, 12-13)		
	<i>18-20-22-22-16-17-18-17-16-16-15-14</i>		
	<i>What do you see for yourself as the benefits of a university degree?</i>		Wave 1-13
v122	to have an interesting job later	not useful very useful	Wave 1: Text to v125: to have time to develop my ideas and imagination. Text for v130: to be able to help other people better
v123	to secure a good income for myself	↓ ↓	
v124	achieve a high social position	0 - 1 - 2 - 3 - 4 - 5 - 6	
v125	to develop my ideas and conceptions		
v126	learn more about the chosen field		
v127	receive a good scientific apprenticeship		
v128	to become a generally educated person		
v129	to postpone the time of employment as long as possible		
v130	to be able to help other people better later		
		7 ↑ can not judge	

v131	to be able to contribute to the improvement of society		
v132	try out alternative lifestyles during the study period (wave 1-8)		
v133	broaden my intellectual horizons (wave 7-8)		
Indicator subject of study and requirements			
	20-22-24-24-18-18-17-16-15-15-15-14-13		
	<i>From your perspective, how strongly is your major characterized by ...</i>		Wave 1-13
v134	specialized orientation (wave 1-8)	not at all very strongly ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	v142 was split into two items from wave 11: v140 and v141
v135	high performance standards, demands		
v136	Well-structured study program		
v137	Clarity of examination requirements		
v138	Diversity/variety of work requirements (wave 1-5)		
v139	Research relevance of teaching (wave 3-13)		
v140	a close practical relationship (wave 11-13)		
v141	good career preparation (wave 11-13)		
v142	Good career preparation/close practical relationship (wave 1-10)		
v143	Use of new media in teaching (internet, multimedia) (wave 7-10)		
v144	Competition among students		
v145	good relations between students and teachers		
v146	Discrimination against female students (wave 1-12)		
v147	Disputes between political orientations among the students (wave 1-6)		
v148	Overcrowding of courses (wave 4-13)		
v149	Teaching of interdisciplinary competencies (key qualifications) (wave 10-12)		
v150	international orientation (of the study program) (wave 10-13)		
	21-23-25-25-19-19-19-18-17-17-17-16-15		
	<i>How do you rate the requirements placed on students in your department? (In your opinion, is too much or too little emphasis placed on the following points?)</i>		Wave 1-13
v151	acquire a great factual knowledge	In my department, we place value on this: 1 = far too little 2 = a bit too little 3 = just right 4 = a little too much 5 = way too much 6 = cannot judge	
v152	understand underlying principles		
v153	to develop own main interests		
v154	be able to analyze complex issues independently (wave 8-12)		
v155	To criticize teaching opinions		
v156	work a lot and intensively for the study		
v157	to provide regular proof of performance (exams, presentations)		
v158	Participate in discussions in courses		
v159	to cooperate with other students (wave 1-12)		
v160	Application of what has been learned to practical issues and applications (wave 8-13)		
v161	to be knowledgeable even in foreign fields of expertise (wave 1-9)		

v162	be interested in social and political issues from the point of view of your field of expertise (wave 1-11)		
v163	to deal with ethical issues of the subject (wave 8-13)		
v164	to deal with theories and theoretical systems (wave 10-12)		
v165	to be able to apply research methods independently (wave 10-13)		
Transition, information, strategies			
	x-x-x-x-x-x-x-x-x-13-9		
	What support did you receive during your transition to college and introduction to the program?	Offers of the university for introduction to the study	Wave 12 and 13
v166	Support during enrollment (registration, room search)	1 = did not exist	There are two additional items on this question in wave 12, but they were not repeated in wave 13 (v1175-v1178)
v167	study preparation days, camps or orientation weeks	2 = did exist, not participated	
v168	" Bridge courses" for working through gaps in specialist knowledge	3 = did exist, participated	
v169	Tutoring programs/student AGs at the beginning of studies		
v170	Mentoring programs (e.g. on study organization issues)		
v171	Introduction to the methods of scientific work		
v172	Introduction to subject-related basics of the study (propaedeutics)		
	How would you rate the usefulness of these offerings for your study progress?	If participated:	
		1 = useful	
v173	Support during enrollment (registration, room search)	2 = partly	
v174	study preparation days, camps or orientation weeks	3 = not useful	
v175	" Bridge courses" for working through gaps in specialist knowledge		
v176	Tutoring programs/student AGs at the beginning of studies		
v177	Mentoring programs (e.g. on study organization issues)		
v178	Introduction to the methods of scientific work		
v179	Introduction to subject-related basics of the study (propaedeutics)		
	16-18-20-20-14-15-16-15-14-14-12-12		
	How well informed do you feel about the following areas?		Wave 1-13
v180	Study and examination regulations in your field of study	I am informed about this	In addition, for this question, 5 items that were only collected once each in different waves (11, 5, 1) (v1180-v1184)
v181	Options for student advising at your university		
v182	Help/offers for financing studies (BAföG, scholarships, student loans) (wave 12-13)	1 = far too little	
v183	Application of multimedia/internet in studies and teaching (wave 7-10)	2 = a bit too little	
v184	Details of BAföG (wave 1-11)	3 = enough	
v185	Opportunities to study abroad	4 = good	
v187	new degrees such as Bachelor and Master (wave 8-11)	5 = very good	
v188	Labor market situation in your intended field of activity	6 = this area does not interest me	
v189	Possibility to become professionally self-employed (business start-up) (wave 7-10)		

v190	current political concepts of higher education development (wave 2-12)		
v191	Arguments for and against the constituted student body (wave 1-4)		
v192	Co-determination rights and decision-making structures at your university (wave 1-12)		
v193	Study opportunities in the other part of Germany (wave 5-6)		
v194	Living conditions of students in the other part of Germany (wave 5-6)		
	17-19-21-21-15-16-20-19-18-18-18-17-16		
	<i>To what extent do the following things seem useful to you for your own personal (wave 1-12: and mental) development?</i>		Wave 1-13
v195	to change the university in the course of the studies (wave 1-12)	(personal gain)	Wave 1: Question text: <i>In general, to what extent do the following things seem useful to you for the personal and intellectual development of students?</i>
v196	participate in a research internship/project	1 = rather disadvantageous	Wave 1-10: Category order in the questionnaire:
v197	study abroad temporarily	2 = not very useful	1 = very useful, 2 = useful, 3 = not very useful,
v198	specialize in a subject area at an early stage (wave 1-8)	3 = useful	4 = rather disadvantageous, 5= cannot judge
v199	participate in lectures and courses in other disciplines beyond one's own subjects (wave 1-9)	4 = very useful	was adjusted here!
v200	gain (practical) work experience outside the university during their studies	5 = cannot judge	v200: Text in wave 1: gaining practical experience outside of college
v201	to complete a professional apprenticeship prior to the studies (wave 2-12)		
v202	to work as a student assistant/tutor (wave 7-12)		
v203	get involved in university politics		
v204	complete the studies quickly and with determination		
v205	to have knowledge in EDP/computer usage (wave 6-11)		
v206	gain additional qualifications through second/ postgraduate studies (wave 1-8)		
v207	to achieve a good exam grade as possible (wave 7-13)		
v208	to do a doctorate (wave 1-12)		
v209	to complete a master's degree after the bachelor's degree (wave 10-13)		
v210	to acquire foreign language skills (wave 10-12)		
	<i>And on the other hand, to what extent do they seem useful to you in improving your career prospects?</i>		Wave 1-13
		(career prospects)	Wave 1: Question text: <i>In general, to what extent do the following things seem useful to you for the personal and intellectual development of students?</i>
v211	to change the university in the course of the studies (waves 1-12)	1 = rather disadvantageous	Wave 1-10: Category order in the questionnaire:
v212	participate in a research internship/project	2 = not very useful	1 = very useful, 2 = useful, 3 = not very useful,
v213	study abroad temporarily	3 = useful	4 = rather disadvantageous, 5= cannot judge
v214	specialize in a subject area at an early stage (wave 1-8)	4 = very useful	was adjusted here!
v215	participate in lectures and courses in other disciplines beyond one's own subjects (wave 1-9)	5 = cannot judge	v216: Text in wave 1: gaining practical experience outside of college
v216	gain (practical) work experience outside the university during their studies		
v217	to complete a professional apprenticeship prior to the studies (wave 2-12)		
v218	to work as a student assistant/tutor (wave 7-12)		
v219	get involved in university politics		
v220	complete the studies quickly and with determination		
v221	to have knowledge in EDP/computer usage (wave 6-11)		

v222	gain additional qualifications through second/ postgraduate studies (wave 1-8)		
v223	to achieve a good exam grade as possible (wave 7-13)		
v224	to do a doctorate (wave 1-12)		
v225	to complete a master's degree after the bachelor's degree (wave 10-13)		
v226	to acquire foreign language skills (wave 10-12)		
Teaching evaluation			
	x-x-x-x-20-21-21-20-19-19-18-17		
	<i>In your experience so far, what is the situation of teaching in your department?</i>		Wave 5-13
v227	Have any individual dates of courses important to you been cancelled in the last semester?	never ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	
v228	Are courses that are important to you at the same time, do they overlap in time? (waves 7-13)	very often ↓	
v229	Can you get personalized advice from your university teachers if it is necessary for your studies? (waves 5-9)		
v230	Do you have the impression that university teachers prepare well for their courses?		
v231	Are the results of your tests, exams or assignments explained by the university teachers in such a way that you know why you scored higher or lower?		
v232	When students have input and suggestions in courses: Do your university teachers then take these suggestions into account? (wave 5-12)		
v233	Do university faculty talk to students in classes about issues related to ongoing research?		
v234	Do the teachers give help/instructions in scientific work for writing scientific texts (presentations, term papers)? (wave 7-13)		
v235	Do the university teachers manage to teach the material of a course as announced within the lecture period?		
v236	Do instructors provide examples and concretizations from practice in the courses? (wave 10-13)		
	x-x-x-x-21-22-22-21-20-20-19-18		
	<i>To how many courses that you are taking this semester is the following true?</i>		Wave 5-13
v237	The learning objective of the course is clearly defined	Applies to courses	
v238	The lecturer's presentation is well understandable and accurate		
v239	The instructor makes sure that the material covered is understood	1 = none	
v240	The examples and concretizations of the lecturer promote the learning success (wave 5-9)	2 = few 3 = some	

v241	The instructor manages to interest and motivate for the area/subject matter (wave 7-13)	4 = most	
v242	The connection with other subjects is shown (wave 5-12)	5 = all	
v243	The connection with practice is shown at the appropriate point		
v244	The instructor will bring clear summaries and repetitions		
v245	The lecturer will point out what is important for the performance records/examinations (wave 7-13)		
v246	Lecturers encourage in-depth study of scientific problems (wave 10-12)		
v247	Instructors introduce the use of research methods (wave 10-13)		
v248	A good script is offered for the lecture (wave 5-8)		
	x-x-x-x-x-x-x-x-23-22-24		
	<i>To what extent do the following statements apply to your studies?</i>	does not apply at all fully applies ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	Wave 11-13
v249	Clear and coordinated course/module choices		
v250	Semester requirements that can be easily met in time		
v251	Examination system that is well adapted to the learning content		
v252	too many individual exams per semester		
v253	too much learning effort for exams		
Further education, research and practical references			
	x-x-x-x-x-23-23-22-21-21-21-20-19		
	<i>Which of the following opportunities for further education and qualification beyond your specialized studies have you taken advantage of so far?</i>		Wave 6-13
v254	Lectures or seminars from other fields of study	used so far :	In wave 6: additionally: v1185: other courses (please name:...)
v255	public lectures (e.g. in the context of the 'Studium Generale')	1 = no	
v256	Foreign language course (which language?)	2 = yes, from time to time	
v257	special course offerings (e.g. rhetoric, therapy training, etc.) (wave 6-9)	3 = yes, more frequently	
v258	Repetitorium (e.g. juridical) (wave 6-12)		V259: text in wave 6: EDP/Computer courses
v259	(general) EDP/computer courses ((e.g. text processing, statistics)) (wave 6-12)		
v260	special courses on the use of the Internet (wave 7-9)		
v261	Courses for the acquisition of key qualifications/competence training (wave 11-13)		
v262	Events on the transition to employment (e.g. job application training) (wave 8-13)		
v263	Events for professional self-employment/starting a business (wave 7-8)		V263: text in wave 8: special events
	... <i>or do you plan to use in the future?</i>		Wave 6-13
v264	Lectures or seminars from other fields of study	to be used in the future	In wave 6: additionally: v1186: other courses (please name:...)
v265	public lectures (e.g. in the context of the 'Studium Generale')		

v266	Foreign language course (which language?)	1 = no	V269: text from wave 6: EDP/Computer courses
v267	special course offerings (e.g. rhetoric, therapy training, etc.) (wave 6-9)	2 = maybe	
v268	Repetitorium (e.g. juridical) (wave 6-12)	3 = yes	
v269	(general) EDP/computer courses ((e.g. text processing, statistics)) (wave 6-12)		
v270	special courses on the use of the Internet (wave 7-9)		
v271	Courses for the acquisition of key qualifications/competence training (wave 11-13)		
v272	Events on the transition to employment (e.g. job application training) (wave 8-13)		
v273	Events for professional self-employment/starting a business (wave 7-8)		V273: text in wave 8: special events
	x-x-x-x-x-23-23-22-21-21-21-(20)-19		
v274k	Foreign language courses 1. Naming (27 categories)	See list 4 in the appendix	Wave 6-11, 13 (missing data for wave 12) Listing of open responses on <i>continuing education courses: Foreign language courses</i> at v256 and v266 (see list 4). Up to four mentions are recorded here. Mentions are grouped into 27 (for remote access) and 19 (for download files) categories.
v275k	Foreign language courses 2. Naming (27 categories)		
v276k	Foreign language courses 3. Naming (27 categories)	Code 1-27	
v277k	Foreign language courses 4. Naming (27 categories)		
v274z	Foreign language courses 1. Naming (10 categories)	See list 4 in the appendix	Wave 6-13 v274k - v277k summarized to 10 expressions (see list 4)
v275z	Foreign language courses 2. Naming (10 categories)		
v276z	Foreign language courses 3. Naming (10 categories)	Code 1-10	
v277z	Foreign language courses 4. Naming (10 categories)		
	x-40-43-43-34-28-24-23-22-22-22-21-20		
	<i>Are you or have you ever been employed as a student assistant/tutor?</i>	1 = no, never before and I am not interested in it either	Wave 2-13 In wave 1: question asked but no separation between student assistant and tutor, and asked with 5 categories (v1188) Number of semesters for v279 from 0-99, for v281 from 0-99 (after adjustment: 0-22 and 0-21 accordingly)
v278	as a student assistant?	2 = no, not yet, but would like to	
v279	Number of semesters (wave 2-12)	3 = yes	
v280	as tutor?	(0-99)	
v281	Number of semesters (wave 2-12)	(0-99)	
v279b	<i>Adjusted data for semester number of student assistant and</i>	0-22	Cleanup of v279 and v281
v281b	<i>Tutor</i>	0-21	Missing code -12 for invalid data
	x-x-x-x-x-x-x-x-x-x-x-23-21		
	<i>Are there any research-related courses in your program?</i>	1 = no	Wave 12-13 In wave 12, two additional items: - Collaboration in research projects (v285) - Research internship (v286) In wave 11: 5 items, but scale from 0-6, not considered here
v282	on research methods	2 = yes, a little	
v283	on current research work (also colloquia)	3 = yes, many	
v284	own events on teaching-learning research, project seminars	4 = don't know	
	x-x-x-x-x-x-x-x-x-x-x-24-22		
	<i>Does your program have any hands-on study opportunities?</i>		Wave 12-13

v287 v288 v289	for practicing practical occupational activities/tasks with lectures from practice about requirements and demands in different professional fields	1 = no 2 = yes, a little 3 = yes, many 4 = don't know	In wave 12, two additional items: - Projects at college (v290) - Internship at the university (v291) In wave 11: 5 items, but scale from 0-6, not considered here
Personal learning			
	24-31-33-33-24-25-25-24-23-23-26-25-23 <i>To what extent do the following statements about learning and studying apply to you personally?</i>		
v292 v293 v294 v295 v296 v297 v298 v299 v300 v301 v302 v303 v304 v305 v306 v307 v308	I am only really satisfied with my academic performance when I have the feeling that I can hardly do any better (wave 1-5) I often worry about whether I will be able to complete my studies at all When it comes to exams, the most important thing for me is to get particularly good grades (wave 1-5) If I don't succeed at something the first time, I try again with more effort (wave 1-5) I work very hard and a lot for my studies (wave 7-13) I work very hard to achieve a good exam (wave 1-6) I can study and complete work in a concentrated manner over a long period of time (wave 7-13) It is very important to me to achieve a good final grade (a good exam) (wave 7-13) I find it easy to learn and retain subject-related new content and facts I frequently deal with content problems and issues in my field of study beyond what is required (wave 1-5) In exam situations I often get so excited that I completely forget things I actually know I frequently participate in content-related discussions in courses (wave 1-5) When I'm facing an exam, I'm usually scared I would prefer it if the studies were less regulated and gave me more opportunities to shape them myself (wave 1-6) I can organize and organize my learning material well (wave 7-13) What matters to me is to complete my studies as quickly as possible Studying leaves me too little time for other things (wave 1-8)	does not apply at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 fully applies ↓	Wave 1-13 v294: Text in wave 1: In exam papers, what matters to me is the grade; what mistakes I made in detail is of little interest to me v299: Text in wave 1-11: It's very important to me to achieve a good exam score
	x-x-x-x-26-x-x-x-24-27-26-25 <i>In your studies, how often did you ...?</i>		
v309 v310	read literature (e.g. journals) beyond the recommended scope set their own points of interest and work on them independently	1 = never 2 = rarely 3 = sometimes	Wave 6, 10-13 In wave 6: additional item (v1191)

v311	developed own thoughts to solve a problem	4 = often	
v312	tries to find out how a certain research result was developed	5 = very often	
v313	conducted a small experiment/investigation on a specific topic themselves		
Study requirements and study achievements			
v314	25-32-34-34-25-29-29-28-27-26-28-27-26 <i>To what extent is your subject study at your university determined by study regulations, study plans?</i>	1 = not at all 2 = little 3 = partly 4 = predominantly 5 = completely	Wave 1-13
v315	26-33-35-35-26-30-30-29-28-27-29-28-27 <i>To what extent do you follow these orders/schedules in the conduct of your studies?</i>	1 = not at all 2 = little 3 = partly 4 = predominantly 5 = completely (6 = does not apply to me)	Wave 1-13 Wave 1-6: Text ... <i>planning and implementation</i> Only in wave 1 there is code 6 = does not apply to me
v316	x-x-36-36-27-31-31-30-29-28-30-29-28 <i>How many courses are required for students in your major semester according to the program regulations?</i>	ca ... Hours per week (0-99)	Wave 3-13 Values were not adjusted!
v317	x-x-37-37-28-32-32-31-30-29-31-30-29 <i>To what extent are you taking courses this semester as outlined in the course syllabus?</i>	I attend courses... 1 = much less 2 = a little less 3 = approximately as intended 4 = a little more 5 = much more	Wave 3-13 Wave 3-11: Text: <i>To what extent does your actual program of study this semester meet these requirements of the academic regulations?</i>
v319	28-35-39-39-30-34-34-33-32-30-x-x-x <i>Have you already taken the intermediate/preliminary exam in your major?</i>	1 = no 2 = yes, passed, but no grade received 3 = yes, passed and grade received 4 = tried but failed 5 = does not exist in my subject	Wave 1-10
v320	x-x-x-x-x-x-x-33-32-30-x-x-x <i>In which semester did you take or are you planning to take the intermediate exam/preliminary exam?</i>	Semester:	Wave 8-10 (1-20)
	x-34-38-38-29-33-33-32-31-x-x-x-x		

			limit to minimum=2 missing -12 for invalid data
	x-x-x-x-x-x-x-34-36-35		
v333	<i>If you are in a master's program ...</i> What degree did you obtain before that?	1 = Bachelor 2 = Diploma 3 = State Examination 4 = Magister 5 = other degree	Wave 10, 12-13 In wave 10: 1= Bachelor, 2=Magister/Diploma, 3= State Examination, 4= other degree -> was adjusted, 4=missing
v334	How much time was there between the first degree and the start of the master's program?	0-99 months	Month: Input only possible with two digits, therefore 99=maximum value.
v335	Is there a subject-related connection between your first degree and your master's degree? (wave 12-13)	1 = no 2 = partly 3 = yes	Wave 12-13 only In waves 10 (v1192) and 11 (v1193), additional individual items on the topic.
v333b	<i>Degree before (Master's students only), adjusted (filtering)</i>		Cleanup of v333, missing -11 for invalid data (not master students)
v334b	<i>Adjusted figure for time to master's degree</i>	0-99	Cleanup of v334, missing -12 for invalid data
	x-x-x-x-x-x-x-35-37-37-36		
v336	<i>If you are not in a master's program, do you want to follow up with a master's program after your first degree (bachelor's degree, diploma, state examination, master's degree, or other)?</i>	1 = no 2 = yes, right after 3 = yes, later on 4 = don't know (from wave 12)	Wave 10-13 In wave 10-11: no code 4
v336b	Intention to study for master's degree, adjusted	1-4 (see above)	Cleanup of v336, code -11 if master's students
	48-57-61-61-52-53-53-45-44-40-41-40-39		
v337	<i>In how many semesters do you plan to complete your studies in your subject, including the semester of exams? (please give an approximate estimate)</i>	in ... semester (1-99)	Wave 1-13
v337b	<i>Semester adjusted at graduation</i>	in ... semester (1-99)	Cleanup of v337, Missing code -12 for invalid data
	x-x-x-x-x-54-54-46-45-41-42-41-40		
v338	<i>Are you behind schedule from your original study schedule?</i>	1 = no 2 = little (approx. 1 semester) 3 = some (approx. 2-3 sem.) 4 = much (approx. 4 or more sem.)	Wave 6-13
	22-29-44-44-35-39-41-36-35-37-38-38-37		
v339	<i>In an average week of the current semester, how many hours do you spend on the following activities?</i> official courses (lectures, tutorials, seminars, internships)	Approx. ... hours per week (0-110)	Wave 1-13 In wave 1: Text: <i>In an average week of the current semester, how many hours do you estimate you spend on the following activities? (round to full hours) 1. lecture; 2. exercises, seminars, 5. hourly study groups, 6. own learning</i>
v340	student working groups/tutorials	(0-99)	

v341	Independent learning (e.g. preparation/review, presentations, specialized reading) total	(0-99)	<i>In addition, four other items (v1195-v1198)</i> For v339: 1st and 2nd combined, v340=5th, v341=6th. v344: until wave 10: study in the broader sense and other study activities; until wave 5: typing course instead of computer course. Values not adjusted! Hours: Input only possible with two digits, therefore 99=maximum value
v342	Independent learning at the university (wave 3-5)	(0-99)	
v343	Independent learning at home (wave 3-5)	(0-94)	
v344	(Study in the broader sense and) other study activities (lecture series, computer course) (wave 3-13)	(0-99)	
v345	Other study-related effort (e.g., borrowing books, office hours) (wave 3-13)	(0-90)	
v346	Travel time to and from college (total per week) (wave 3-9)	(0-90)	
v347	Taking care of own children (per week in total) (wave 12-13)	(0-99)	
v348	Child care (total per week) (wave 6-11)	(0-99)	
v349	Employment as an assistant/tutor (wave 3-13)	(0-83)	
v350	Gainful employment (without student assistant/tutor) (wave 3-13)	(0-80)	
v351	If you are employed this semester during the lecture period, how many hours do you work on average per week (including work as a student assistant/tutor)? (wave 1-2)	(0-80)	
v352	Time budget Study, hours summed (v339+v340+v341)	(0-152)	Values not adjusted!
v353	Time budget Acquisition, hours summed (v349+v350)	(0-130)	
v354	Time budget Study + Acquisition, hours summed (v352+v353)	(0-222)	
v355	Time budget Study extended, hours summed (v352+v344+v345)	(0-253)	
v352i	Indicator for time budget sum score: Study	0 = possible hours per week (<140) 1 = Extreme data (140-168) 2 = impossible data (>168)	Indicator indicates whether values are critical.
v353i	Indicator for time budget sum score: Acquisition		
v354i	Indicator for time budget sum score: Study + Acquisition		
v355i	Indicator for time budget sum score: Study extended		
	x-x-x-x-78-68-48-47-48-63-60-55		
v356	What would you consider yourself to be now? Feel like a ...	feel as 1 = full time student 2 = half time student 3 = Pro forma student	Wave 6-13
	70-79-84-84-75-79-69-49-51-53-53-64-62		
v357	All things considered, do you enjoy being a student?	not at all very much ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	Wave 1-13
Course of study			
	43-51-55-55-46-47-49-41-40-42-43-42-41		
	During the course of your studies, did you ...?		Wave 1-13
v358	changed your major (wave 2-13)	1 = no	v359: Specialty code: Code from v40 (11-98) v360: in wave 1: 4 expressions (no/once/twice/more than twice); was adjusted: 2-4=2
v359	If yes, subject code number of previous subject ... (wave 8-13)	2 = yes	
v360	changed the university (wave 1,2-5,6-13)		
v361	changed university (wave 2-5)		
v362	changed the university of applied sciences (wave 2-5)		

v363	Changed the type of university (from university to UAS or vice versa) (wave 2-5, 10-13)		In wave 2-5, v360 was not collected, is combined here from v361, v362, v364, and v365.
v364	transferred from a university to a university of applied sciences (wave 2-5)		In wave 2-5, v363 was not collected, is combined here from v364-v365.
v365	transferred from a university of applied sciences to a university (wave 2-5)		
v366	changed from the new to the old states or vice versa (wave 5-7)		
	43-52-56-56-47-48-50-42-41-43-44-43-42		
	<i>And have you previously ...? (please specify number of months, if applicable)</i>		Wave 1-13
v367	completed an internship (in Germany during studies) (wave 7-13)	1 = no	v367: Text from wave 10: ... in Germany ...
v368	months (wave 7-13)	2 = yes	Text in wave 13: ... in Germany during studies ...
v369	interrupted studies	months 1-99	
v370	months	months 0-594 (after adjustment semester to months)	V369 in wave 1: 4 responses (no/yes, and indeed one semester/yes, two semesters/yes, more than two semesters) was adjusted: 2-4=2
v371	worked on research projects at university (wave 2-13)	months 0-300 (after adjustment semester to months)	Months: input only possible with two digits, therefore 99 maximum value. After adjustment from semester to months, values above 100 are possible.
v372	Months (wave 2-13)		For v370 and v372, <i>semesters</i> were asked up to wave 11, and <i>months</i> from wave 12. Converted here to months (semester*6). The original data with different categories are available as variables v370o and v372o.
v370o	Semester / months, interrupted studies (wave 2-11 / 12-13)		
v372o	Semester / months, research projects (wave 2-11 / 12-13)		
v368b	Internship, months, adjusted	months 1-99	Cleanup for monthly data for v368, v370, v372
v370b	Interruption, months, adjusted	months 1-180	Code -12 for invalid data
v372b	Research project, months, adjusted	months 1-180	
v367b	Internship, adjusted by month		Adjustment of data for activities in the course of studies at home and abroad
v369b	Interruption, adjusted according to monthly data	1 = no	Conversion from answer "no" or missing to answer "yes" if monthly data available.
v371b	Research project, adjusted by month	2 = yes	
v383b	Internship abroad, adjusted by month		
v385b	Language course abroad, adjusted according to monthly data		
v387b	Internship/language course abroad, adjusted according to monthly data		
v389b	Study abroad, adjusted by month		
v391b	Abroad Degree		
	44-53-57-57-48-49-51-43-42-44-45-44-43		
	<i>As you continue your studies, do you plan to ...?</i>		Wave 1-13
v373	to change the university (wave 1, 8-13)	1 = no	
v374	to change the university location (wave 2-4)	2 = maybe	V375 text from wave 10: ... in Germany ...
v375	to complete an internship (in Germany) (wave 7-13)	3 = probably	
v376	to do a doctorate	4 = for sure	
v377	to interrupt their studies (wave 5-13)	5 = do not know yet	
v378	to interrupt their studies to earn money (wave 1-4)		
v379	to interrupt their studies in order to have a completely different experience (wave 1-4)		

v380	to change the type of university (from university to UAS or vice versa) (wave 2-7, 10-13)		
v381	to change to another university location in the old states (wave 5-7)		
v382	to change to another university location in the new states (wave 5-7)		
	43-52-56-56-47-48-50-42-41-45-46-45-44 <i>Have you (during your studies) (already abroad) ...?</i>		
v383	completed an internship (abroad) (wave 6,9-13)	1 = no	Question text wave 10, 12: <i>During your studies abroad, did you ...</i>
v384	months (wave 6,9-13)	2 = yes	Question text wave 11: <i>Have you already studied abroad ...</i>
v385	completed a language stay(/course) (abroad) (wave 6-13)	months 0-99	Question text wave 13: <i>During your studies, have you ...</i>
v386	Months (wave 6-13)	months 0-99	<i>v383, v385, v389: Text: ... abroad ...</i>
v387	completed a language course/internship (abroad) (wave 2-5)	months 0-99	Months: Input only possible in two digits, therefore 99
v388	months (wave 2-5)	months 0-99	maximum value. After adjusting from semester to months, values above 100 are possible.
v389	studied (abroad) for some time		
v390	Months (wave 2-13)	months 0-360 (after adjustment semester to months)	v389 in wave 1: 4 expressions (no/yes, and indeed one semester/yes, two semesters/yes, more than two semesters) was adjusted: 2-4=2
v391	Graduated (wave 10-13)		v389: until wave 9: studied abroad, from wave 10 on: studied for some time
v390o	Semester / months, studying abroad (wave 2-11 / 12-13)		For v390, up to wave 11 was asked about semesters, from wave 12 about <i>months</i> . Converted here to months (semester*6). The original data with different categories are preserved as variable v390o.
v384b	Internship abroad, months, adjusted	months 1-99	Cleanup for monthly data for v384, v388, v390
v386b	Language course abroad, months, adjusted	months 1-63	Code -12 for invalid data
v388b	Language course/internship abroad, months, adjusted	months 1-60	
v390b	Study abroad, months, adjusted	months 1-168	
	44-53-57-57-48-49-51-43-42-46-47-46-45 <i>(And) in the further course of your studies, do you plan to (include foreign activities such as...) (if applicable) ...?</i>		
v392	to complete an internship abroad (wave 6, 9-13)	1 = no	Wave 1-13
v393	to complete a language, stay abroad	2 = maybe	Question text from wave 10: <i>(Wave 11: And) In the further course of your studies, do you plan to engage in activities abroad such as...?</i>
v394	study abroad for one or more semesters (wave 1-9, 13)	3 = probably	Question text wave 13: <i>And do you plan in the further course of your studies if necessary ...?</i>
v395	study abroad during your (first) degree (wave 10-12)	4 = for sure	<i>v394: study abroad for some time</i>
v396	to obtain a degree abroad (wave 10-12)	5 = do not know yet	Wave 9: v394: one or more semesters of...
v397	to study abroad after (first) graduation (wave 10-12)		Wave 11: v395: ...first degree...
v398	to earn a doctorate abroad (wave 10-12)		v397: ...first degree ...
v394n	<i>Study abroad</i>	1 = no	Wave 1-13
		2 = maybe	Combination of v394, v395 and v397
		3 = probably	
		4 = for sure	
		5 = do not know yet	

v416	Want to earn extra money to be able to afford additional things (hobby, travel)		
v417	Preparation for later employment, additional qualification Through work contacts I have better chances in the later job search		
v418	x-45-45-45-36-40-43-38-37-x-x-x-x <i>If you are employed during the lecture period this semester: Is this work related to your studies?</i>	1 = not employed 2 = very narrow 3 = predominantly 4 = only little 5 = not at all	Wave 2-9 Own question in wave 2: <i>Is this work related to your studies?</i> (Pretext in question before)
v419	x-x-x-x-x-42-44-39-38-x-x-x-x <i>Are you satisfied with your current level of gainful employment or would you like to work more or less?</i>	1 = much less 2 = a little less 3 = just right 4 = a little more 5 = much more	Wave 6-9
v420	35-42-47-47-38-44-46-x-x-x-x-x-x <i>How much money do you have available on average each month for all your expenses this semester?</i>		Wave 1-7 Original data, not adjusted.
v421	<i>How much of this do you receive through BAföG? (wave 2-7)</i>	0-9999 DM 0-8020 DM	
v420b	<i>Adjusted figures for</i>		Cleanup of v420 and v421
v421b	<i>Total money supply</i> <i>Of which BAföG</i>	0-9999 DM 0-940 DM	Limitation to 940
v422	36-43-48-48-39-45-47-x-x-x-x-x-x <i>Do you get by with the money you have (available) each month (in total)?</i>	1 = no, not at all 2 = actually only when I restrict myself severely 3 = yes, actually quite good 4 = yes, completely	Wave 1-7
Contacts and consulting			
	49-58-62-62-53-56-56-50-48-50-50-49-47 <i>How often do you have contact with the following people?</i>		Wave 1-13
v423	Friends and acquaintances outside the university	To these persons I have contact	
v424	Parents and siblings	1 = never	
v425	other students (wave 1-13)	2 = rarely	v425: asked only in wave 13, for other waves v428-v431 are combined.
v426	(research assistants), (assistant) lecturers in your subject area	3 = sometimes	v426: Text up to wave 12: assistants, lecturers in your subject. Only in wave 13: research assistants, lecturers in your subject.
v427	Professors in your field of study	4 = often	
v428	Foreign students (wave 2-13)		
v429	Students of your own subject (wave 1-12)		
v430	Students from other subjects (wave 1-12)		
v431	Students from other parts of Germany (wave 5-7)		

v432	Professionals in their future field of work (wave 1-12)		
	49-58-62-62-53-56-56-50-48-x-x-x-x		
	<i>And which ones would you like to have more contact with?</i>		Wave 1-9
v433	Friends and acquaintances outside the university	more contacts desired	
v434	Parents and siblings		
v435	Students of your own subject	1 = no	
v436	Students of other subjects	2 = yes	
v437	Students from the other part of Germany (wave 5-7)		
v438	Assistants/lecturers		
v439	Professors of your own subject		
v440	Professionals in their future field of work		
v441	Foreign students (wave 2-9)		
	50-59-63-63-54-57-57-51-49-51-51-50-48		
	<i>How satisfied are you with the contacts with ...?</i>		Wave 1-13
v442	other students (wave 7-13)	very dissatisfied ↓	Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
v443	research assistants, lecturers in your department		
v444	professors of your subject		
v445	fellow students of your subject (wave 1-6)		
v446	fellow students of other subjects (wave 1-6)	1 - 2 - 3 - 4 - 5 - 6 - 7 ↓	
	54-62-67-67-58-66-78-52-50-52-52-51- 49		
	<i>The study situation can be experienced differently. To what extent do the following statements apply to your own situation?</i>		Wave 1-13
v447	I have enough contact persons at the university to whom I can turn with my problems	does not apply at all ↓	In wave 1 one additional item (v1201)
v448	I often have the feeling that my performance in my studies is the only thing that is in demand at the university		
v449	If I were not at the university for a week, no one there would notice it		
v450	I get lost in the mass of students at the university (wave 1, 4-8)	0 - 1 - 2 - 3 - 4 - 5 - 6 ↓	
v451	There are many opportunities at my university to find out what is happening in the committees, research, administration (wave 1-5)		
v452	If you want to, you can make a difference as a student with your ideas about your studies and the university (wave 1-2)		
v453	Contacts at the university are mostly superficial and non-binding, no real human relationships develop (wave 1-2)		
	53-61-66-66-57-61-62-57-x-x-x-x-50		
	<i>In what areas is supervision/advice (by instructors) important to you?</i>		Wave 1-8, 13
v454	(General) study planning and study structure	not important ↓	Question text: wave 1-8: ...by teachers ...
v455	Choice of specialization in studies (wave 7-8, 13)		
v456	Examination preparations, examination papers	very important ↓	In wave 8, one additional item (v1202)

v457	Scientific questions/content-related problems of the subject	0 - 1 - 2 - 3 - 4 - 5 - 6	
v458	Writing academic texts (presentations, term papers) (wave 7-8, 13)		
v459	personal learning and work difficulties		
v460	explanations of study and examination regulations (wave 7-8)		
v461	Feedback of performance results and their explanation (wave 7-8)		
v462	Social difficulties in studying (communication, anonymity) (wave 1-8)		
v463	help/support with job search/entering the job market (wave 1-8)		
v464	personal problems/difficulties that go beyond studies (wave 1-7)		
	(52-60-64-64-55-58-58-53-x-54-54-52)- 51		
	<i>Do you have the following faculty mentoring and advising opportunities in your subject and how often have you used them so far?</i>		Wave 1-8, 10-13 These answer specifications exist only in wave 13; for waves 1-12 they are combined from questions with separate answers, see v471-v482. Incorrect assignments were adjusted in the process.
v465	regular consultation hours at fixed times	1 = does not exist	
v466	informal counseling, support opportunities	2 = exists, but never used	
v467	Events for the introduction to studies (orientation events)	3 = used once or twice	
v468	Events for exam preparation for graduation (waves 7-8, 10-13)	4 = used more often	
v469	Advising by instructors by e-mail / via the Internet (wave 11-13)		
v470	Fixed assignment of students to university instructors with regular advising/supervision (wave 1-8)		v467: Text in wave 1-6: <i>specific events for study introduction, planning (orientation events)</i>
	52-60-64-64-55-58-58-53-x-54-54-52-x		
	<i>What faculty mentoring and advising opportunities are available in your subject?</i>	exists in my subject 1 = no 2 = yes	Wave 1-8, 10-12 Specifications are included for v465-v470
v471	regular consultation hours at fixed times		
v472	informal counseling, support opportunities		
v473	Events for the introduction to studies (orientation events)		
v474	Events for exam preparation for graduation (waves 7-8, 10-12)		
v475	Advising by instructors by e-mail / via the Internet (wave 11-12)		
v476	Fixed assignment of students to university instructors with regular advising/support (wave 1-8)		
	<i>And how often have you used them so far?</i>		Wave 1-8, 10-12
v477	regular consultation hours at fixed times	used by far: 1 = never	
v478	informal counseling, support opportunities	2 = once or twice	
v479	Events for the introduction to studies (orientation events)	3 = more often	
v480	Events for exam preparation for graduation (waves 7-8, 10-12)		
v481	Advising by instructors by e-mail / via the Internet (wave 11-12)		
v482	Fixed assignment of students to university instructors with regular advising/support (wave 1-8)		Data is included for v465-v470. Also used here are those entries that are present here but are missing or "no" in v271-v476.
	x-x-65-65-56-59-59-54-x-55-55-53-52		
	<i>Have you used other forms of counseling in the past?</i>		Wave 3-8, 10-13
v483	Central student advisory service		

v484	Student advisory service (also student council)	1 = never	v484: Text as of wave 6: ... (also department)
v485	International Office (wave 6-8, 10-13)	2 = once or twice	In wave 8 one additional item (v1203)
v486	Academic advising by lecturers (wave 6-8)	3 = more often	In wave 6 one additional item (v1204)
v487	Information event of the employment office (wave 7-8)		
v488	personal counseling by career counselor of the employment office (Vocational guidance/employment office) (wave 6-8)		v488: Text wave 6: <i>Vocational guidance employment office</i>
v489	special technical advice (EDP, statistics, etc.) (wave 6-7)		
v490	other (wave 3-5)		
	x-x-x-x-60-60-55-x-56-56-54-53		
	<i>How would you rate the benefits of consulting through ...?</i>		
v491	Central student advisory service	very bad very good	Wave 6-8, 10-13
v492	Student advisory service (also student council)	↓ ↓	Given in the questionnaire as a scale from -3 to +3, was
v493	International Office / Akademisches Auslandsamt	1 - 2 - 3 - 4 - 5 - 6 - 7	recoded to 1-7
v494	Academic advising by lecturers (wave 6-8)		In wave 8 one additional item (v1205)
v495	Information event of the employment office (wave 7-8)		In wave 6 one additional item (v1206)
v496	Personal counseling by career counselor of the employment office (career counseling/employment office) (wave 6-8)		v496: Text wave 6: <i>Vocational guidance employment office</i>
v497	Specialized subject advising (EDP, statistics, etc.) (wave 6-7)		
	x-x-x-x-x-61-56-x-57-57-x-x		
	<i>How important would counseling be to you in making a career decision regarding the following?</i>		
v498	whether I am personally suitable for the desired profession	not very	Wave 7-8, 10-11
v499	about the working conditions in the intended field of activity	important important	
v500	which additional qualifications increase my chances on the job market	↓ ↓	
v501	what other employment opportunities exist if I am unable to realize my career aspirations	0 - 1 - 2 - 3 - 4 - 5 - 6	
v502	what employment opportunities exist abroad		
v503	about career opportunities and prospects with a Bachelor's degree (wave 8, 10-11)		
v504	about the prerequisites for becoming self-employed (starting a business) (wave 7-8)		
Study Experiences: Assessment, yield, problems, demands			
	64-68-73-73-65-69-74-66-55-58-58-55-56		
	<i>What experiences have you had in the course of your studies so far with regard to the following aspects? How do you evaluate ...?</i>		
v505	d the design and structure of your course of study	very bad very good	Wave 1-13
v506	the quality of the content of the courses offered	↓ ↓	Given in the questionnaire as a scale from -3 to +3, was
v507	the way in which courses are taught	1 - 2 - 3 - 4 - 5 - 6 - 7	recoded to 1-7
v508	supervision and advising by lecturers (wave 3-13)		

v509	the spatial and material equipment in your subject (wave 4-13)		
v510	the usefulness of introductory courses in your subject (wave 2-13)		
v511	the knowledge and skills you have achieved so far (overall study yield) (wave 11-13)		In wave 10, one additional item (v1207)
v512	the opportunities for participation in the (content/organizational) planning of courses (wave 1-4, 6-9)		
v513	the possibilities of setting one's own focal points of interest in one's studies (pursuing one's own interests, dealing with certain ideas in detail) (wave 1-9)		
v514	(offer and) usefulness of (central) student advising (wave 1-5)		
	66-69-74-74-66-70-75-67-56-59-59-56-57		
	<i>Please indicate the extent to which you have been supported in the following areas by your previous studies.</i>		Wave 1-13
v515	Ability to continue learning independently (wave 12-13)	not promoted at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	
v516	technical knowledge		
v517	practical skills (occupational/practical relevance)		v517: Text until wave 9: (Occupational/practical relevance)
v518	interdisciplinary knowledge/interdisciplinarity (wave 8-13)		
v519	linguistic, rhetorical skills/discussion participation (wave 8-12)		In wave 12 two additional items (v1209 and v1210)
v520	intellectual abilities (logical, methodical thinking) (wave 1-12)		In wave 1 one additional item for open-ended query (v1211)
v521	ability to work in a team/collaboration with others (wave 8-13)		
v522	Planning, organizational skills (wave 8-13)		
v523	General education, broad knowledge		
v524	Autonomy and independence		
v525	Ability to analyze and solve problems (wave 8-13)		
v526	critical ability, critical thinking		
v527	personal development in general (wave 1-9, 13)		
v528	sense of social responsibility		
v529	ability to conduct independent research (wave 10-12)		
v530	knowledge of scientific methods (wave 11-13)		
v531	career preparation (wave 11-13)		
v532	work skills, systematic work (wave 1-11)		
v533	social skills, dealing with people (wave 1-7)		
	62-70-75-75-67-71-76-68-57-60-64-61-59		
	<i>Students experience the study situation differently. What causes difficulties for you personally?</i>		Wave 1-13
v534	the lack of fixed learning and working groups (wave 1-12)	This causes me difficulties	
v535	finding contacts to fellow students	1 = no	
v536	dealing with lecturers	2 = a little	
v537	competition among students (wave 1-12)	3 = a few	
v538	the performance requirements in (subject) studies	4 = great	
v539	preparing exams efficiently		v538: Text from wave 11: In the study

v540	preparing written assignments (e.g., term papers) (waves 7-13)		
v541	participating in discussions in courses		
v542	gaining their own orientation in the variety of subject content		In wave 1 four additional items (v1212 to v1215)
v543	planning my studies one to two years in advance		
v544	the regulations in my field of study (wave 4-13)		
v545	taking courses in English (wave 10-12)		
	63-71-76-76-68-72-77-69-58-61-65-62-60		
	<i>And to what extent do you feel personally burdened by ...?</i>		Wave 1-13
v546	the performance requirements in studies		
v547	orientation problems during studies		
v548	the anonymity at the university		
v549	upcoming exams		
v550	Your current financial situation		
v551	Your financial situation after graduation (wave 2-12)		
v552	personal problems (such as anxiety, depression)		
v553	the lack of a steady partner relationship (wave 2-13)		
v554	uncertain job prospects		
v555	large number of students (wave 4-13)		
v556	the time pressure due to many examination dates/achievement certificates (wave 11-13)		
v557	the amount of material to be covered in a semester (wave 11-12)		
v558	the difficulty of the course material (wave 11-12)		
v559	gainful employment alongside studies (wave 11-13)		
v560	your living conditions (wave 1-7)		
v561	your situation as a student in general (wave 1-7)		
	65-73-78-78-70-73-72-64-59-62-66-63-61		
	<i>What do you think is urgent to improve your personal study situation?</i>		Wave 1-13
v562	Changes in the course of study (examination regulations, study regulations, etc.) (wave 1-12)		
v563	Reduction of examination requirements		
v564	Concentration of study content		
v565	Stronger practical relevance of the course of study		
v566	Stronger research orientation of courses (wave 12-13)		
v567	More frequent courses in smaller groups		
v568	Intensive support by lecturers		
v569	(more help/offers) better support in financing studies (wave 12-13)		
v570	Improvement of job market opportunities for students of your subject		
v571	Establishment of "bridge courses" to catch up on gaps in school knowledge (in the early semesters) (wave 2-13)		
v572	Child care services for students with children (wave 6-13)		
v573	Alignment of course offerings with binding guidelines		

not burdened very much
at all burdened
↓ ↓
0 - 1 - 2 - 3 - 4 - 5 - 6

not at all very
urgent urgent
↓ ↓
0 - 1 - 2 - 3 - 4 - 5 - 6

v574	(wave 3-12) fixed student working groups/tutorials (wave 1-12)		
v575	More opportunities to participate in research projects (wave 2-12)		
v576	Extension of the bachelor's degree program to four years (wave 11-12)		
v577	Increase in BAföG/scholarship rates (wave 1-11)		
v578	More counseling and training in EDP and computer use (wave 6-10)		
v579	Abolition of standard periods of study (wave 1-2)		
	x-x-x-x-82-88-78-68-71-x-58-71		
	<i>Would you use and participate in the following forms of study organization at universities?</i>		Wave 6-10, 12-13
v580	special study organization for part-time students	1 = certainly not	v581: Text in wave 6-12: (Open University)
v581	Mixtures of classroom and distance learning ((Open University))	2 = rather not	v582: Text in wave 6-12: <i>study and work in alternating phases (sandwich study)</i> ; text in wave 13: ... (dual study)
v582	study and practical phases alternating (dual study) (sandwich study)	3 = maybe	v583: text in wave 7-10: <i>courses via multimedia/ Internet (virtual university)</i> ; text in wave 12: <i>virtual university (e-learning)</i> ; text in wave 13: <i>virtual university</i>
v583	virtual university (courses via multimedia/Internet (virtual university)) (wave 7-10, 12-13)	4 = rather yes	
v584	"free shot" rule for early registration for exams (wave 6-10)	5 = certainly yes	
v585	first degree after about six semesters as a bachelor's degree (wave 7-10)		In wave 6 two additional items (v1220 and v1221)
v586	examinations during the course of study with credit points (wave 7-10)		
Higher Education Policy			
	55-63-68-68-59-62-63-58-52-65-67-67-63		
	<i>How interested are you currently in the activities of the following groups at your university, and how intensively do you participate in them?</i>		Wave 1-13
v587	Student representative bodies	1 = not interested	Wave 1-4: 5 categories only, code 6 only from wave 5
v588	student self-administration/representation (AStA etc.) (wave 3-13)	2 = interested, but no participation	
v589	official self-governing bodies (senate, council, etc.)	3 = occasional participation	
v590	political student associations/university groups)	4 = participate often	
v591	student fraternities	5 = hold an office, a function	
v592	student sports, sports groups	6 = does not exist	
v593	cultural activities (e.g., theater, music, orchestra groups)		
v594	informal action groups (wave 1-12)		
v595	student community (wave 1-12)		
v596	other groups ((please name):) (wave 1-7)		
	56-64-69-69-60-63-64-59-53-66-68-68-x		
	<i>What tasks should student representatives at your university prioritize?</i>		Wave 1-12
v597	study counseling/study assistance	1 = not at all	
v598	collaborate on examination conditions/teaching content	2 = a little	
v599	internal university politics/influencing what happens in the university	3 = strongly	
v600	external political representation (/general political mandate)	4 = urgent	

v601	social issues (promoting contacts, finding housing, etc.)		v600: Text wave 1-10: ... /general political mandate
v602	cultural issues (theater, concerts, etc.)		
v603	better study conditions at the university (wave 4-12)		In wave 7 one additional item (v1222)
v604	Eliminate disadvantages for women at the university (wave 4-12)		
v605	Improving the quality of teaching (wave 5-12)		
v606	Support foreign students (wave 7-12)		
v607	Organize student body/build political awareness (wave 1-7)		
	73-82-87-87-78-83-67-61-54-67-69-70-64		
	<i>Which of the following ways of expressing criticism of higher education policy developments do you accept and which do you reject?</i>		Wave 1-13 Question text Wave 1: <i>There are various ways in which you can express criticism of developments in higher education policy. Which way of expressing criticism would you accept?</i>
v608	Discussions between teachers and students	1 = I accept in principle	
v609	Debate in student journals (print or online)	2 = Only in exceptional cases	
v610	Flyers and wall newspapers	3 = I reject in principle	
v611	Boycott of lectures		In wave 13 (v1223, v1224) and in wave 1 (v1225, v1226), two additional items each
v612	Occupation of institutes		
v613	Demonstrations and rallies		
	57-65-70-70-61-64-65-x-x-x-x-x		
v614	<i>To what extent do the current student representatives (Student Parliament/ASStA) at your university represent your personal higher education policy views, interests, and opinions?</i>	not at all fully I cannot judge ↓ ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 7	Wave 1-7
	x-x-x-x-62-65-66-x-x-x-x-x		
v615	<i>To what extent does your student council address and represent student concerns?</i>	not at all fully I cannot judge ↓ ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 7	Wave 5-7
European Higher Education Area			
	x-x-x-x-x-x-x-x-x-71-71-65		
	<i>How well or poorly are the following elements realized in your study? (How well or poorly has the implementation succeeded?)</i>		Wave 11-13
v616	modularization of study programs	very bad very good I cannot judge ↓ ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 7	Text Wave 11-12: <i>If realized, how well or poorly do you think the implementation succeeded?</i> (See v628-v639)
v617	international cooperation with foreign universities		
v618	general quality control and evaluation of teaching		
v619	(introduction of a) credit point system		Category 7 exists only in wave 13, was adjusted for wave 11-12: 7 if in question about realization 3=don't know and in evaluation = missing
v620	stay abroad (semester abroad) as an integral part of the study program		V620: Text in wave 11-12: Semester abroad...
v621	accreditation of your study program		
v622	financial aid, -offers for studying abroad (wave 12-13)		
v623	Recognition of work done abroad		
v624	Courses taught in English		
v625	simultaneous German and foreign degrees (double degree)		In wave 11 three additional items (v1231-v1233)

v626	Student participation in implementing the goals of the EHEA (wave 11-12)		
v627	Continuing education and lifelong learning opportunities (wave 11-12)		
	x-x-x-x-x-x-x-x-71-71-x		
	<i>There are a number of elements that should contribute to the realization of a European Higher Education Area (EHEA). Which elements are realized in your study?</i>		Wave 11-12
v628	modularization of study programs	realized:	
v629	international cooperation with foreign universities	1 = yes	In wave 11 three additional items (v1234-v1236)
v630	general quality control and evaluation of teaching	2 = no	In wave 12 one additional item (v636)
v631	student participation in the implementation of the objectives of the EHEA	3 = don't know	
v632	introduction of a credit point system		V633: Text in wave 11-12: <i>Semester abroad...</i>
v633	stay abroad (semester abroad) as an integral part of the study program		
v634	accreditation of your study program		
v635	Offers for continuing education and lifelong learning		
v637	Recognition of achievements at foreign universities		Item "Financial assistance, offers for studying abroad" was only asked in this way in wave 12, so it was not included here, see v622 for details
v638	individual courses in English		
v639	simultaneous German and foreign degree (double degree)		
	x-x-x-x-x-x-x-79-69-72-72-x-x		
	<i>How would you rate the following expectations (both positive and negative) associated with the Bachelor's degree?</i>		Wave 8-11
v640	Greater attractiveness of German universities for foreign students	does not apply at all	
v641	Good opportunities on the job market for Bachelor graduates	does apply fully	In wave 11 four additional items (v1237-v1240)
v642	Advantage of a shorter university education leading to a professional qualification	I cannot judge	In wave 10 one additional item (v1241)
		↓	
		0 - 1 - 2 - 3 - 4 - 5 - 6	
v643	Suitable degree for those not interested in scientific specialization		
v644	easy transfer between types of higher education institutions (from UAS to UI and vice versa) (wave 10-11)		
v645	better access to professional activities abroad (wave 8-10)		
v646	Insufficient scientific quality of apprenticeship (wave 8-10)		
v647	Too many restrictions on individual study design (wave 8-10)		
v648	unclear quantity of too specialized fields of study (wave 8-10)		
v649	too little promotion of general skills (key qualifications) (wave 8-10)		
v650	Leads to second-class graduates/academics (wave 8-10)		
Career choice and career expectations			
	82-89-94-94-85-92-90-81-71-74-74-72-66		
v651	<i>Do you already know what profession you would like to take up?</i>	1 = no, it is still open	Wave 1-13
		2 = yes, with some certainty	
		3 = yes, with great certainty	
	86-93-98-98-90-97-95-88-74-77-76-74-67		

v652	Which of the following is closest to your job opportunities after graduation?	1 = hardly any difficulties to find a point 2 = difficulties to find a job that really suits me 3 = difficulties in finding a job that corresponds to my apprenticeship 4 = considerable difficulties to find a job at all 5 = I do not know	Wave 1-13
	83-90-95-95-86-93-91-82-72-75-73-73-68		
	What is particularly important to you in a profession?		Wave 1-13
v653	working with people and not only with things (wave 1-12)	not important ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very important ↓ 	In wave 1 two additional items (v1263, v1264)
v654	job security		
v655	being able to realize own ideas (wave 2-13)		
v656	high income		
v657	being able to make decisions independently (wave 2-13)		
v658	a job that constantly presents me with new tasks		
v659	Possibility of scientific activity		
v660	Being able to help other people		
v661	good opportunities for advancement		
v662	opportunities to explore the unknown		
v663	a profession in which one can do something useful for the general public		
v664	flexible working hours (wave 8-13)		
v665	compatibility of private life (family) and job (wave 2-13)		
v666	possibility to lead other people (wave 1-12)		
v667	a lot of free time (wave 1-12)		
v668	work that doesn't require a lot of effort (wave 1-10)		
v669	tasks that require a lot of responsibility (wave 1-12)		
v670	being able to learn professionally (wave 1-7)		
	84-91-96-96-87-94-92-83-73-76-75-75-69		
	In which field would you like to work later on a permanent basis ?		Wave 1-13
v671	in the school sector	(on a permanent basis) 1 = yes, certainly 2 = yes, maybe 3 = rather not 4 = certainly not 5 = don't know	Text in wave 1: <i>In which field would you like to work later?</i>
v672	in higher education		
v673	in other public services		
v674	in non-profit organizations (e.g. trade unions, (UNICEF, BUND) (broadcasting))		v674: Text in waves 2-10, 13: ... (e.g., radio, unions); in wave 1 additionally: ...churches); In wave 11: ... (e.g., unions, UNICEF, BUND); In wave 12: ... (e.g., unions);
v675	in the private sector		
v676	as a freelancer (practice, law firm and similar) (wave 7-13)		In wave 13, one additional item (v1265)
v677	as an entrepreneur (own business, trade, service) (wave 7-13)		
v678	in alternative work projects (work collectives)		
v679	as a self-employed person (entrepreneur or freelancer) (wave 1-6, 7-13)		v679: for wave 7-13: combination of v676 and v677
	x-91-96-96-87-94-92-83-73-x-x-x-x		

	<i>What field would you like to work in permanently later on, and what about for a transitional period?</i>	(for a transitional period)	Wave 2-9
v680	in the school sector	1 = yes, certainly	
v681	in higher education	2 = yes, maybe	
v682	in other public services	3 = rather not	
v683	in non-profit organizations (e.g. broadcasting, trade unions)	4 = certainly not	
v684	in the private sector		
v685	as a freelancer (practice, law firm, etc.) (waves 7-9)	5 = don't know	
v686	as an entrepreneur (own business, trade, service) (wave 7-9)		
v687	in alternative work projects (work collectives)		
v688	as a self-employed person (entrepreneur or freelancer) (wave 2-6, 7-9)		v688: for wave 7-9: combination of v685 and v686
	87-95-100-100-91-98-96-89-75-80-79-78-70		
	<i>If you find it difficult to realize your career goal after graduation because of the job market situation, what will you do?</i>		Wave 1-13
v689	I will continue my studies (second, advanced, supplementary studies) in order to improve my career opportunities.	1 = very unlikely	In wave 13 one additional item (v1266)
v690	I am (would be) prepared to accept greater burdens (e.g. change of residence, longer travel times)	2 = less likely	v689: Text in wave 1-10: <i>(secondary, postgraduate, supplementary studies)</i> , ...
v691	I will try to find alternative occupations on the same professional and financial level.	3 = rather likely	v690: Text by wave 11: <i>I would be willing to...</i>
v692	If I can realize my professional ideas, I will accept financial losses	4 = very likely	
v693	I will accept a point in the short term that does not (necessarily) correspond to my professional apprenticeship (is related)		
v694	I am (would be) prepared to accept a point that does not correspond to my professional apprenticeship, even in the long term		
v695	Try to become self-employed (/start my own business) (wave 7-13)		v695: Text in wave 7-12: ... <i>/to start my own business.</i>
v696	I will stay in college to make good use of the waiting period (wave 1-12)		
v697	I will drop out of the entire traditional career spectrum and choose an alternative way of making a living (wave 1-4)		
v698	If I can realize my financial aspirations, I will also accept a point that is not necessarily (correspondingly) related to my professional apprenticeship (wave 2-4, 11-12)		v698: Text in wave 12: <i>does not match</i>
	x-x-x-x-88-95-93-85-x-78-77-76-x		
	<i>After graduation, how would you like to be employed, permanently or temporarily, in the regions listed?</i>		Wave 5-8, 10-12
	in the long run		
v699	in Germany (wave 10-12)	1 = yes, definitely	
v700	in Europe (wave 10-12)	2 = yes, maybe	
v701	in non-European countries (outside Europe)		v701: Text in wave 10-12: <i>outside Europe</i>

v702	in the new states (wave 5-8)	3 = rather not	v704: Text in wave 8: Union...; In wave 5-7: ... community... v705: Text in wave 8: EU; In wave 5-7: ...EC
v703	in the old states (wave 5-8)	4 = definitely not	
v704	in the European Union (Community) (outside the FRG) (wave 5-8)	5 = don't know	
v705	in Europe outside the EC (wave 5-8)		
	temporarily		
v706	in Germany (wave 10-12)	1 = yes, definitely	v708: Text in wave 10-12: <i>outside Europe</i> v711: Text in wave 8: Union...; In wave 5-7: ... community... v712: Text in wave 8: EU; In wave 5-7: ...EC
v707	in Europe (wave 10-12)	2 = yes, maybe	
v708	in non-European countries (outside Europe)	3 = rather not	
v709	in the new states (wave 5-8)	4 = definitely not	
v710	in the old states (wave 5-8)	5 = don't know	
v711	in the European Union (Community) (outside the FRG) (wave 5-8)		
v712	in Europe outside the EC (wave 5-8)		
	x-x-x-x-89-96-94-86-x-79-78-77-x		
	<i>How do you assess the career and job market opportunities in the next few years for graduates of your degree program?</i>		Wave 5-8, 10-12
v713	in Germany (wave 10-12)	very bad ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7 v718: Text in wave 8: Union...; in wave 5-7: ... community...
v714	in Europe (wave 10-12)	very good ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	
v715	outside Europe (wave 10-12)	can not judge ↓ 8	
v716	in the old states (wave 5-8)		
v717	in the new states (wave 5-8)		
v718	in the European Union (Community) (wave 5-8)		
	85-92-97-97-x-x-x-x-x-x-x-x-x		
	<i>In the job (occupation) you are likely to have, do you think you will once...</i>		Wave 1-4
v719	will realize own ideas	very unlikely ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	In wave 1 one additional item (v1267)
v720	be scientifically active	very likely ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	
v721	earn a lot of money	don't know yet ↓ 7	
v722	be promoted to a high position		
v723	be satisfied with your work		
	x-94-99-99-x-x-x-x-x-x-x-x-x		
v724	<i>Have you already looked for a possible job after graduation?</i>		Wave 2-4
	a) no, search not yet started	1 = a)	
	b) have so far only informed myself about job offers	2 = b)	
	c) yes, have already applied, but without success so far	3 = c)	
	d) yes, some preliminary clarifications (e.g. preliminary commitment)	4 = d)	
	e) yes, already firmly arranged	5 = e)	
Socio-political ideas			

v725	81-88-93-93-84-91-118-87-89-x-89-87-72 <i>In your opinion, are the opportunities for advancement in our society currently tending to get better, stay the same, or tend to get worse?</i>	1 = tend to get better 2 = remain the same 3 = worsen 4 = cannot judge	Wave 1-9, 11-13
v726	101-x-114-114-104-111-116-x-87-x-90-88-73 <i>Would you describe the social differences in the Federal Republic of Germany in general as large or small?</i>	low big ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	Wave 1, 3-7, 9, 11-13
v727	102-x-115-115-105-112-117-x-88-x-91-89-74 <i>Do you think that the social differences in the Federal Republic are fair or unfair on the whole?</i>	unfair fair ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	Wave 1, 3-7, 9, 11-13
v728 v729 v730 v731 v732	91-99-104-104-96-102-104-60-77-84-83-81-75 <i>How interested are you in ...?</i> the general political scene student politics at your university higher education policy issues and developments (wave 1-12) European politics and European unification (wave 5-7, 9-13) local politics in your community (wave 1-2)	not at all very much ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	Wave 1-13
v733 v734 v735 v736 v737 v738 v739	93-100-105-105-97-103-105-x-78-85-84-82-76 <i>How (What) do you feel about the following statements about our political system?</i> Disputes between various interest groups and their demands on the government are detrimental to the common good. Citizens lose the right to strike and demonstrate if they thereby endanger public order. In every democratic society, there are certain conflicts that must be settled by force. The task of the political opposition is not to criticize the government, but to support it in its work. Every citizen has the right to take to the streets for his convictions if necessary. Real democratization is only possible outside the existing institutions. (wave 1-7, 11) Our democracy has proven itself; it should therefore be protected from constant attempts at reform. (wave 1-7)	completely reject totally agree ↓ ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	Wave 1-7, 9-13 Question text in wave 1: <i>Here is a compilation of statements about our political system. To what extent do you agree or disagree with these statements?</i> Question text in wave 12-13: <i>What?</i> Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
v740	<i>Democratic principles (sum score v733-v737)</i>	5-35 (sum score)	Formed from v733-v737 Attention: v737 had to be reversed for sum score
v741	<i>Democratic principles (sum score grouped, 6 groups)</i>	1 = vehement (sum score 5-9) 2 = clearly (10-14)	

		3 = unstable (15-19) 4 = weakly (20-24) 5 = tends to be undemocratic (25-29) 6 = strongly undemocratic (30-35)	
	94-101-106-106-98-104-106-x-79-x-x-x-x		
	<i>Participation in political events is often talked about. How would you rate the following statements?</i>		Wave 1-7, 9
v742	Indifference to politics is irresponsible. (Wave 1-4, 6-7, 9)		
v743	For me personally, the current opportunities for political participation are satisfactory.		
v744	(Nowadays,) Political processes are so complicated that it is difficult for me to form a judgment. (Wave 1-4, 6-7, 9)		
v745	When I notice that those in charge of politics make mistakes or act arbitrarily, I would always join those who protest. (Wave 1-7)		
v746	Ordinary citizens do not have enough opportunity to influence political decisions. (Wave 1-2)		
v747	Politics is particularly characterized by dishonesty and unfairness. (Wave 1-2)		
		not true at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very true ↓	
	98-x-107-107-98-104-106-x-79-x-x-x-x		
	<i>To what extent do you think these statements apply to the current political situation?</i>		Wave 1, 3-7, 9
v748	The politicians of the established parties care too little about actually important and urgent problems. (Wave 1,3-7)		
v749	Parliamentarism offers sufficient opportunities for democratic representation of the population's interests. (Wave 1,3-7)		
v750	Current politics is too strongly oriented toward growth and the interests of industry and too little toward the quality of life of the people.		In wave 1 two additional items (v1271, v1272)
		not true at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very true ↓	
	(96)-103-109-109-101-108-109-x-83-88-87-85-77		
	<i>How do you feel about the policy goals listed: Which ones do you support, which ones do you oppose?</i>		Wave (1),2-7, 9-13
v751	Preservation of the family in its traditional form (waves 1-7, 9-12)		
v752	severe punishment of criminality		
v753	realization of full employee participation in the workplace (wave 1-7, 9-12)		
v754	increased promotion of technological development		
v755	limiting the immigration of foreigners (wave 5-7, 9-13)		
v756	Safeguarding the free market economy and private enterprise		
v757	Enforcing full equality for women in work and society		
v758	Abolition of private ownership of industrial enterprises and banks		
v759	Prioritizing environmental protection over economic growth		
		reject completely ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7 totally agree ↓	In wave 1: scale from 1-5! Expressions adjusted to 1-7: 1=1, 2=2, 3=4, 4=6, 5=7; expressions 3 and 5 of the scale of 7 are missing. Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7 In wave 1 one additional item (v1273)

v760	Completion of European political and economic integration (wave 5-7, 9-13)		
v761	Phasing out nuclear energy and abolishing nuclear power plants (wave 5-7, 9-12)		
v762	Greater financial and personnel support for developing countries		
v763	defense against cultural alienation (wave 5-7, 9-13)		
v764	Participation of the Bundeswehr in UN missions (waves 5-6, 9-11)		
v765	Reduction of the welfare state and social security systems (wave 7, 9-13)		
v766	Guarantee of the right to work for all (wave 7, 9-11)		
v767	(Rapid) equalization of living conditions in the old and new (federal) states (waves 5-7)		v767 Text in wave 5-6: fast Federal Lands
v768	Stability of social and economic conditions (waves 1-6)		
v769	Establishment of an income ceiling (around DM 5,000 net per month) (waves 1-4)		
v770	Increasing the defense force and military effort (wave 1-4)		
v771	(Maintaining) checks on constitutional fidelity in the civil service (wave 1-4)		
v772	Increased use of nuclear energy and construction of nuclear power plants (wave 1-4)		
	95-107-113-113-103-110-112-x-84-89-88-86-(C1)		
	<i>Although it may be a bit simplistic, how would you classify your political position between left and right?</i>		
v773	compared to most of the people in this country I am politically quite ...	left-winged	can not judge
v774	compared to most of my fellow students I'm politically quite ...	↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	↓ 8
	x-102-108-108-99-106-108-62-81-87-86-84-x		
	<i>Characterizing your overall political stance, to what extent do you agree with, and to what extent do you disagree with, positions of the following basic political tendencies?</i>		
v775	Christian-conservative	reject completely	agree completely
v776	green/alternative	↓	↓
v777	communist-Marxist	1 - 2 - 3 - 4 - 5 - 6 - 7	
v778	liberal		
v779	national-conservative		
v780	social-democratic		
	103-108-116-116-106-113-115-63-85-86-85-83-x		
	<i>How do you feel about the following statements?</i>		
v781	Mutual competition destroys people's solidarity		
v782	In our society, everyone has a fair chance to rise to the top.	does not	fully

v783	(Wave 1-7, 9-12) Without competition, people do not exert themselves.	apply at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	applies ↓ 7	don't know ↓ 7	In wave 12: no expression 7
v784	Eliminating social differences altogether is not possible. (Wave 1-7, 9-12)				
v785	Income in our society depends mainly on the individual's performance. (Wave 1-7, 9-12)				In wave 2 one additional item (v1278)
v786	Equality before the law exists in our country only on paper; in fact, the socially disadvantaged are also legally disadvantaged. (Wave 1-4, 11-12)				
v787	The differences in income between the old and new federal states are too great. (Wave 5-6)				
v788	The social differences lead to tensions and conflicts in the Federal Republic between those who are at the top of society and those who are at the bottom. (Wave 1-2)				
v789	Without mutual competition, social progress cannot be secured. (Wave 1-2)				
	75-83-88-88-79-84-101-63-x-x-x-x-x				
	How do they feel about the following statements on technological progress?				Wave 1-8
v790	Technical progress has brought people mostly good things. (Wave 1-5)	does not apply at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	fully applies ↓ 6		Text in wave 8: and to the competition?
v791	Today's problems, such as energy shortages or environmental pollution, can only be solved in the long run by technical progress.				
v792	With less technical progress, we could also live quite well, perhaps even better. (Wave 1-7)				
v793	In the meantime, technical progress is dangerous; it threatens people more than it benefits them.				
	98-105-111-111-x-105-107-x-80-x-x-x-x-x				
	In which of these activities (in groups or organizations) are you yourself involved?				Wave 1-4, 6-7, 9
v794	Participation in civic (or basis) initiatives				Text from wave 6: ... in groups or organizations ...
v795	Involvement in political parties (waves 6-7, 9)				v794: Text in wave 1-4: ... citizens' initiatives
v796	Participation in environmental groups (wave 6-7, 9)				
v797	Participation in women's/men's groups (wave 6-7, 9)				
v798	Participation in human rights groups (wave 6-7, 9)				
v799	Involvement in other political groups (wave 6-7, 9)				
v800	Participation in labor unions (wave 6-7)				
v801	Involvement in an autonomous labor collective (wave 1-4)				
v802	Living in an alternative housing community (wave 1-4)				
v803	Participation in a women's group (wave 1-4)				
v804	Involvement in the peace movement (wave 1-4)				
	97-104-110-110-100-107-110-x-82-x-x-x-x-x				
	To what extent do the following attitudes and behaviors correspond to your own orientations?				Wave 1-7, 9

v805	Questioning established political parties	reject completely ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	totally agree ↓	Text in wave 1: <i>Which of the following attitudes and behaviors do you disagree with and which do you agree with?</i>	
v806	Renouncing material prosperity			Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7	
v807	Self-realization and development of one's own personality as a primary goal in life				
v808	Exit from the professional constraints of the present society				
v809	Commitment to solving ecological/environmental problems				
v810	Refusal to accept traditional performance norms (wave 1-7)				
v811	Formation of autonomous life and work collectives (wave 1-7)				
v812	76-84-89-89-80-87-x-x-x-x-x-78				
	<i>Do you believe that college graduates have a special responsibility to the community because of their apprenticeship?</i>	1 = no 2 = yes, a little more 3 = yes, much more 4 = yes, very much more		Wave 1-6, 13	
v813	88-96-101-101-94-101-103-93-76-83-82-80-79				
	<i>(Check) (Indicate) how important each area of life is to you personally.</i>			Wave 1-13	
	Politics and public life	very unimportant ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	very important ↓	Text in wave 2-13: <i>Cross ...</i>	
	Art and cultural			Text in wave 1: <i>Below are different areas of life. Cross</i>	
	Leisure and hobbies			In wave 1 one additional item (v1279)	
	University and studies				
	Science and research				
	Profession and work				
	Parents and siblings				
	Partner/own family				
	(Sociability) Circle of acquaintances and friends				
	Religion and faith (wave 4-13)				v821: Text to wave 12: <i>Sociability and circle of friends</i>
	Nature and environment (wave 5-13)				
	Engineering and technology (wave 5-12)				
Economy and finance (wave 11-12)					
Questions and items that were only collected up to the 12th wave					
Internship utility, college choice, course evaluation, further development of universities					
v826	x-x-x-x-x-x-x-x-x-48-47-x			Wave 11-12	
	<i>What do you think are the benefits of an internship?</i>				
	Examination of professional suitability	no use at all ↓	very great use ↓		
	Securing the career decision				
	Application of the learned knowledge				
practical skills (acquire)					

very great

use

↓

v830	professional knowledge (acquire)	0 - 1 - 2 - 3 - 4 - 5 - 6	
v831	interdisciplinary competences (acquire)		
v832	contacts to later employers (obtain)		
v833	chance of later employment		
	x-50-54-54-44-x-x-x-x-73-x-57-x		
	<i>How important were the following reasons to you in choosing your current college?</i>		Wave 2-5, 10, 12
v834	tradition and reputation of the university	very unimportant	In wave 2 one additional item (v1280)
v835	personal contacts with friends/acquaintances		
v836	attractiveness of city and surroundings		
v837	regional proximity to home town		
v838	desired field of study (wave 10, 12)		
v839	financial considerations		
v840	good position of the subject in ranking lists (wave 10, 12)		
v841	international orientation of the study program (wave 10, 12)		
v842	conception and structure of the course of study (wave 2-5)		
v843	good and well-known professors in my field (wave 2-5)		
v844	housing options for students (wave 2-5)		
	x-x-x-x-x-x-x-x-x-x-60-66-x		
v845	<i>How often have you participated in course evaluations?</i>	1 = never 2 = 1-2 times 3 = 3-5 times 4 = 5-10 times 5 = over 10 times	Wave 11-12
	x-x-x-x-x-x-x-x-x-x-61-67-x		
v846	<i>In your opinion, have previous evaluations led to improvements in teaching?</i>	1 = not at all 2 = barely 3 = a little 4 = much 5 = don't know	Wave 11-12 In wave 11, question was expanded with six additional items for specific improvements (v1281-v1286)
	72-81-86-86-77-81-87-77-67-68-70-69-x		
	<i>In which areas do you think the universities should be developed further above all? How important do you consider ...?</i>		Wave 1-12
v847	Abolition of admission restrictions	very unimportant	Text in wave 1: <i>In your opinion, which areas should higher education reform concepts primarily focus on? How important do you consider...</i>
v848	Expansion of training capacities/more study places		
v849	content-related study reform/cluttering of study programs		
v850	Higher education didactic reforms and innovations		
v851	Participation of students in curriculum design		
v852	raising performance levels and examination requirements		
v853	stricter selection for admission to degree programs		

v854	early assessment of aptitude in the chosen field of study (by the 2nd semester) (wave 6-12)		In wave 6 three additional items (v1287-v1289)
v855	Establishment of special study programs for part-time students (wave 6-12)		In wave 2 one additional item (v1290)
v856	Equipping universities with more points (wave 4-12)		In wave 1 two additional items (v1291-v1292)
v857	Increased cooperation between universities and industry (wave 7-12)		
v858	An internship/practical phase as a fixed component of every course of study (wave 8-12)		
v859	Increased support for particularly talented students (waves 1-6, 10-12)		
v860	(Selection interviews/) admission tests by the individual universities (wave 2, 5, 10-12)		v860: Text from wave 10: <i>Selection interviews/admission tests ...</i>
v861	The charging of tuition fees/fees or their introduction (wave 11-12)		
v862	more frequent use of multimedia/Internet in teaching (wave 7-11)		
v863	more (stronger) competition among universities (wave 2-5, 10-11)		
v864	Increase in quality of teaching, better range of courses? (wave 1-9)		
v865	Enforcement of (planned) standard periods of study (university: 8-9, UAS: 6-7 semesters)? (wave 3-9)		v865: Text in wave 7-9: <i>...standard study periods ...</i> Wave 3-6: <i>...planned study times...</i>
v866	Examinations during studies with credit points, e.g. when changing universities and for graduation (credit point system)? (wave 7-9)		
v867	Possibility of first degree after 6 semesters as a bachelor's degree? (wave 7-9)		
v868	Master's degree programs after a first degree (duration approx. 4 semesters)? (wave 7-9)		
v869	Better integration of lecture-free time into the study program (wave 3-5)		
v870	Formation of special emphases in teaching and research at individual universities (wave 2-5)		
v871	Introduction of short courses (at universities) (approx. 6 semesters) (wave 1, 4)		
v872	Integration of courses of study within the framework of comprehensive universities (wave 1, 3)		
v873	Establishment of private universities (wave 2-3)		
Situation of women			
	60-66-71-71-63-67-79-x-x-x-x-x-x		
	<i>The following two questions address some aspects of the experience and behavior of men and women at the university. How do you see the situation in your subject?</i>		Wave 1-7
v874	(In my subject) Female students are expected to perform better than male students (wave 2-7)	does not apply at all ↓	
v875	Female students are not fully recognized by their male peers (wave 5-7)	fully applies ↓	
v876	Female university professors are less likely to encourage and support female students to pursue doctoral degrees (wave 5-7)	0 - 1 - 2 - 3 - 4 - 5 - 6	In wave 1 one additional item (v1293)

v877	Male students receive more support and encouragement from university teachers than female students (wave 1-6)		
v878	Female university teachers, through their role model function, contribute a great deal to female students considering an academic career (wave 5-6)		
v879	In courses, contributions from female students are taken less seriously than those from male students (wave 1-6)		
v880	Higher education is largely a male-dominated environment where female students have difficulty navigating and asserting themselves (wave 1-5)		
v881	How one gets along at the university does not depend on gender, but on oneself (wave 1-4)		
	61-67-72-72-64-68-80-80-70-82-81-79-x		
	<i>To what extent do you agree and to what extent do you disagree with the following requirements?</i>		Wave 1-12
v882	Women should organize themselves more strongly at universities and actively fight for their interests	reject completely ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7 ↑ totally agree	Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
v883	Women should be given preference when filling university teaching positions (with equal qualifications), as long as they form a minority among university teachers		v883: Text in wave 2-12: ... <i>with the same qualification...</i>
v884	There should be special scholarships for women for doctorates and post-doctorates (with no age limit after the family phase) (wave 5-12)		In wave 5 one additional item (v1294)
v885	Special focal points for research and teaching on women's issues should be established at universities (wave 1-6)		
	x-x-x-x-93-100-102-92-86-81-80-x-x		
	<i>Do you think that in the occupational field you are aiming for, the opportunities for women are better, equally good or worse than those for men with regard to ...?</i>		Wave 5-11
v886	Employment chances of getting a job	professional opportunities for women are there..... 1 = much worse 2 = worse 3 = equal 4 = better 5 = much better	
v887	Level of salary, payment		
v888	Support for career advancement and training		
v889	career, professional advancement		
v890	an activity as a self-employed person		
	x-98-103-103-92-99-x-x-x-x-x-x		
	<i>For many, especially if they are well educated, it is an open question how best to balance family, career and the necessary earning of money. What solution would you prefer for yourself and your partner if you had a child who was not yet in school?</i>		Wave 2-6
v891	For myself	My preference would be 1 = full occupation 2 = Part-time work 3 = occasional employment	
v892	for my partner:		

		4 = no professional activity	
Questions and items collected only up to the 10th wave			
Promotion			
	x-x-x-x-71-74-x-x-x-49-x-x-x		
	Do the following reasons for or against a doctorate apply in your case?		Wave 5-6, 10
v893	I would like to work on a topic in my subject in depth after my exams.	does not apply at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 fully applies ↓	In wave 10 two additional items (v1298-v1299) In wave 5 two additional items (v1300-v1301)
v894	I aspire to a career as a university lecturer.		
v895	Doctorate is practically necessary for the profession I am aiming for.		
v896	The doctorate would generally improve my chances on the job market.		
v897	The chance of successfully completing a doctorate is uncertain.		
v898	A doctorate would postpone entry into the profession too far.		
v899	A doctorate is difficult to reconcile with my plans for partnership and family.		
	x-x-x-79-72-75-x-x-x-x-x-x-x		
	Have you spoken with a university instructor about possible doctoral plans or becoming an assistant professor after graduation?		Wave 4-6
v900	Promotional intent	1 = no, I do not intend to do it either 2 = no, not yet, but still plan to do so 3 = yes, but advised me against it, did not support me 4 = yes, still left it open 5 = yes, advised me, will support me	
v901	Takeover assistant position		
Computer and Internet			
	x-x-x-x-x-84-74-64-64-x-x-x		
	For what purpose do you use the Internet?		Wave 7-10
v902	Access to lecture notes/teaching materials	1 = never 2 = rarely 3 = sometimes 4 = often	In wave 10 five additional items (v1302- v1306)
v903	Library research/literature search		
v904	Contact with lecturers/advice		
v905	Preparation of exams/credentials		
v906	(interactive) courses/exercises via multimedia/Internet		
v907	Information about other universities/study programs		
v908	information about job market (e.g. job offers, applications)		
v909	private use (e.g. surfing and games)		
v910	Contacts with students/teachers abroad (wave 7-9)		
v911	creating websites/homepages (wave 8-9)		
v912	other forms (please name:) (wave 7-9)		
	x-x-x-x-x-86-81-71-61-x-x-x-x		
	How often do you work with a computer?	1 = never	Wave 6-9

v913	at home (, private)	2 = rarely	v913: Text from wave 8: ..., <i>private</i>
v914	at the university	3 = sometimes	
v915	at another point (wave 8-9)	4 = often	
		5 = daily	
	x-x-x-x-x-82-72-62-x-x-x-x		
	<i>How good or bad is the access to the Internet for you?</i>	1 = no access	Wave 7-9
v916	at home (, private) (wave 8-9)	2 = very bad	In wave 7 one additional item (v1308)
v917	at the university	3 = rather bad	
v918	at another place	4 = rather good	
		5 = very good	
	x-x-x-x-x-83-73-63-x-x-x-x		
	<i>How often do you use the following Internet options?</i>	1 = never	Wave 7-9
v919	World Wide Web (WWW)	2 = rarely	In wave 7 an additional item (v1309)
v920	E-mail	3 = sometimes	
v921	Newsgroups/Chat	4 = frequently	
		5 = daily	
	x-x-x-x-x-85-75-65-x-x-x-x		
v922	<i>What do you personally think about the Internet and its use?</i>	very much against ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	Wave 7-9 Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
	x-x-x-x-x-86-76-66-x-x-x-x		
	<i>How useful do you think the use of the Internet or multimedia is for the following purposes?</i>		Wave 7-9
v923	Advice from teachers	not useful ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	can not judge ↓ 7
v924	Discussion of assignments	very useful ↓	
v925	Access to teaching materials, slides, scripts (also from other universities)		
v926	Access to libraries/databases		
v927	Obtaining information about other universities (teaching/study offers)		
v928	Presentation of assignments/speeches		
v929	Feedback of results/exams		
v930	Discussion of topics from courses		
v931	(interactive) courses/exercises via multimedia/Internet		
v932	Conducting examinations/credentials via the Internet		
v933	organizational regulations of the study (e.g. re-registration)		
Questions and items collected only up to the 9th wave			
Learning progress, impairments, study duration reduction			
	x-x-x-x-x20-26-25-24-x-x-x-x		

	<i>How would you rate the following forms in terms of your learning?</i>		Wave 6-9
v934	listen to the material in a lecture	This is for me ... completely very unsuitable suitable ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	
v935	discuss the material in lectures		
v936	doing exercises under the guidance of an assistant/lecturer		
v937	participate in student study groups		
v938	going over the material with a repetitor or similar		
v939	self-study of the material alone		
v940	use of learning software (wave 7-9)		
	x-x-x-32-23-24-27-26-25-x-x-x-x		
	<i>During this winter semester, how often did you experience impairments of the following types?</i>		Wave 4-9
v941	Delays in borrowing books (books were checked out, reserved or missing)	1 = never 2 = rarely 3 = sometimes 4 = often 5 = very often	
v942	desired office hours with university lecturer not received or postponed		
v943	in lectures it is difficult to follow the explanations (lack of space, unrest)		
v944	laboratory and workplaces not available or not available long enough or too cramped		
v945	not being able to attend an intended exercise/seminar because registration numbers had already been exceeded		
v946	Loss of time due to longer waiting times at offices/check-out/cafeteria (wave 4-6)		
	x-x-x-x-76-80-71-47-46-x-x-x-x		
	<i>Which of the listed measures do you consider suitable for shortening the duration of studies in your field?</i>		Wave 5-9
v947	in the case of failed exams/certificates, the possibility of repetition in the same semester	completely very unsuitable suitable ↓ ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6	In wave 5 one additional item (v1310)
v948	Obligation of academic advising for all students at the beginning and in the middle of their studies by professors of the department		
v949	Extension of the offer of tutorials and supervised working groups		
v950	Time frame for the diploma thesis/final paper maximum 6 months		
v951	Tuition fees for long-term students		
v952	Study and teaching offers during the previous semester breaks		
v953	reduction of gainful employment alongside studies		
v954	in case of early registration for the final examination additional possibility to repeat the exam ("free shot" regulation)		
v955	speedy examination procedure (faster assessment)		
v956	early performance reviews based on a midterm exam (wave 6-9)		
v957	the introduction of the new Bachelor's and Master's degrees (waves8-9)		
v958	other (please name:) (wave 5-6)		
Questions and items that were only collected up to wave 8			

Startup			
v959 v960 v961 v962 v963 v964 v965	x-x-x-x-x-73-65-x-x-x-x-x		
	How important do you think it is that the following career transition assistance services are offered at your university?		Wave 7-8
	Applicant training	not important ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very important ↓	
	Contact meetings with companies		
	Job placement/exchange		
	Exchange for trainee points, job shadowing, internships		
	Courses for professional skills and competences		
	Job offer and demand on the Internet		
Business start-up training			
v966	x-x-x-x-x-98-84-x-x-x-x-x		
	Have you already started a business yourself, alone or with others?	1 = no 2 = yes, alone 3 = yes, with others	Wave 7-8 In wave 7 another question
v967 v968 v969 v970 v971	x-x-x-x-x-99-90-x-x-x-x-x		
	How suitable do you consider the following measures to be for increasing the willingness to become professionally self-employed?		Wave 7-8
	Courses/events on start-up education (financing, marketing, law, business plan development, etc.)	not at all suitable ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very suitable ↓	In wave 8: scale labeling: not at all - very suitable
	Information (knowledge) about domestic and foreign sales markets		
	regional support programs (funds, infrastructure, spaces, etc.)		In wave 8 one additional item (v1313)
	supporting networks (consulting, chambers, universities etc.)		In wave 7 two additional items (v1314-v1315)
	reduction of personal risk in case of failure of business start-up (e.g. through public loans/guarantees)		
v972 v973 v974 v975 v976	x-x-x-x-x-100-91-x-x-x-x-x		
	What support from your university would you like to see if you were to start a business?		Wave 7-8
	Implementation of entrepreneurial and business-related events	not at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very urgent ↓	
	Guidance to implement scientific results in practice (science transfer)		
	Use of university-owned rooms and equipment for a transitional phase (laboratory, EDP, library, etc.)		
	Temporary partial employment with the university in order to be able to start your own business		
	Mediation of contacts to experts/institutions of the economy for a business start-up		
Questions and items that were only collected up to wave 7			

Exam preparation, activities during semester breaks, regular study times, life situation			
	x-x-x-x-38-38-x-x-x-x-x		
	<i>In what way do you prepare for exams?</i>		Wave 6-7
v977	Attending special courses at the university	1 = not at all	
v978	Reading textbooks and professional journals	2 = little	
v979	Work in self-organized student working groups	3 = partly	
v980	Preparation of lecture notes and lecture transcripts	4 = predominantly	
v981	Attendance of courses at the repetitor	5 = mostly	
	x-x-50-49-40-46-48-x-x-x-x-x		
	<i>What did you do during the last semester break after SS 19xx (if you were a student then)?</i>		Wave 3-7 v983: until wave 6: ... (<i>without Hiwi-...</i>); in wave 7 v983 and v989 were merged, hence text: ... (<i>also Hiwi...</i>) In wave 3 one additional (open) item (v1325) In wave 7 one additional item (v988) In wave 2, three of these items are present, but with only 3 expressions (without weekly data) and separately for SS and WS; were not included here.
v982	Traveling, relaxing, taking a real vacation	1 = not at all	
v983	earned money, had a job (without hiwi/tutoring)	2 = little (approx. 1-2 weeks)	
v984	completed internship	3 = partially (approx. 3-4 weeks)	
v985	learned languages, language course	4 = a lot (approx. 4-6 weeks)	
v986	Study offers of the university (compact courses)	5 = mainly (more than 6 weeks)	
v987	Self-study (e.g. preparation and follow-up work, presentations, specialist reading)		
v989	Student assistant/tutor activities (wave 3-6)		
	x-x-x-x-x-55-55-x-x-x-x-x		
	<i>In your opinion, how much do the following reasons contribute to not meeting the standard study time?</i>		Wave 6-7
v990	Type of study organization/structure	not at all	
v991	Scope and level of requirements	↓	
v992	Type and manner of intermediate examinations and examinations	0 - 1 - 2 - 3 - 4 - 5 - 6	
v993	Gainful employment in addition to studies		
v994	Other interests outside the university		
v995	Difficulties in finding a job/poor job prospects		
v996	Lack of guidance and support from instructors		
v997	Lack of sanctions (e.g., fees for overlong study)		
v998	Inadequate preparation by school		
v999	Inadequate study skills of many students		
	x-x-82-82-74-77-70-x-x-x-x-x		
v1000	<i>Which of the following descriptions would most closely characterize your current living situation?</i>		Wave 3-7 From wave 6 only expressions 1-4
	a) University and studies form the center to which almost all my interests and activities are directed.	1 = a) 2 = b)	

	b) I complete my studies like a normal job; when I have completed my workload, my free time has little to do with university and studies. c) Studying is not the only important occupation for me; other areas such as gainful employment or family are equally important. d) Studying is rather a secondary matter for me, as I have many other commitments and interests outside the university sector. e) I am actually only a pro forma student and I hardly concern myself with my studies anymore. (wave 3-5)	3 = c) 4 = d) 5 = e)	
Realization of social goals			
	100-106-112-112-102-109-111-x-x-x-x-x-x		
	<i>In your opinion, to what extent have these general social goals been realized in the old and new states (in the Federal Republic)?</i> old states v1001 material prosperity v1002 social equality v1003 individual freedom v1004 social peace v1005 democratic participation and co-determination v1006 social security v1007 economic stability v1008 solidarity v1009 tolerance of dissent (waves 5-7) new states (wave 5-7) v1010 material prosperity v1011 social equality v1012 individual freedom v1013 social peace v1014 democratic participation and co-determination v1015 social security v1016 economic stability v1017 solidarity v1018 tolerance towards dissenters	1 = far too little 2 = a bit too little 3 = just right 4 = a bit too much 5 = way too much 6 = I cannot judge	Wave 1-7 In waves 1-4 only for FRG; text: ... <i>in the Federal Republic of Germany</i> From wave 5 separated into old and new states new states only as of wave 5
European integration			
	x-x-x-x-110-117-113-x-x-x-x-x-x		
v1019	<i>To what extent do you feel informed about the state of European integration?</i>	not informed at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very well informed ↓	Wave 5-7
	x-x-x-x-111-118-114-x-x-x-x-x-x		

	<i>Do you expect European Integration to bring the following?</i>		Wave 5-7
v1020	overgrowth of central bureaucracy		
v1021	increasing unemployment		
v1022	more professional opportunities for university graduates		
v1023	cultural diversity and mutual stimulation of cultures		
v1024	increased risks of economic instability		
v1025	loss of national identity and over-foreignization		
v1026	more prosperity in all participating countries		
v1027	gain in democratic participation		
Questions and items that were only collected up to wave 6			
Graduate status			
	78-85-90-90-91-88-x-x-x-x-x-x		
	<i>In your opinion, how prepared are university graduates by their apprenticeship - compared to people without a degree - for the following tasks?</i>		Wave 1-6
v1028	define societal goals and tasks	1 = much better	In wave 1, one additional item (v1339)
v1029	critically assess political events and conditions	2 = better	
v1030	develop new ideas and plans	3 = not different	
v1031	hold leadership positions in politics, administration and business	4 = worse	
v1032	master unforeseen and difficult situations at work (wave 1-5)	5 = much worse	
v1033	inform the population about social and political developments (wave 1-5)		
	79-86-91-91-82-89-x-x-x-x-x-x		
	<i>Do they think that university graduates in our country, compared to people without a degree (in general) ...</i>		Wave 1-6
v1034	have a higher income?	1 = no	
v1035	have a higher reputation?	2 = yes, a bit more	
v1036	have a greater political influence?	3 = much more	
		4 = very much more	
	80-87-92-92-83-90-x-x-x-x-x-x		
	<i>Regardless of how things are today, it seems justified to you if college graduates compared to people without degrees ...</i>		Wave 1-6
v1037	have a higher income?	1 = no, not justified	
v1038	have a higher reputation?	2 = yes, a bit more	
v1039	have a greater political influence?	3 = much more	
		4 = very much more	
Reunification			
	x-x-x-x-107-114-x-x-x-x-x-x		

v1040	<i>Please think about the time since German unification in October 1990. When you weigh the advantages and disadvantages of German unification for your personal life, do the advantages or disadvantages outweigh the disadvantages?</i>	disadvantages outweigh ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7	advantages outweigh ↓	Wave 5-6 Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
	x-x-x-x-108-115-x-x-x-x-x-x-x			
	<i>How would you rate the following statements?</i>			Wave 5-6
v1041	In 40 years of the GDR, many things were created that should have been preserved in a united Germany.	does not apply at all ↓	fully applies ↓	In wave 5 two additional items (v1342-v1343) In wave 6 two additional items (v1340-v1341)
v1042	One should stop dealing with life in the former GDR.	0 - 1 - 2 - 3 - 4 - 5 - 6		
	x-x-x-x-109-116-x-x-x-x-x-x-x			
	<i>If you compare today's situation in the new states with the former GDR, to what extent do you think German unification has brought progress or regression in the following areas?</i>			Wave 5-6
v1043	democratic participation	major setbacks ↓	major progress ↓	Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
v1044	functioning economy	1 - 2 - 3 - 4 - 5 - 6 - 7	can not judge ↓	
v1045	social security		8	
v1046	solidarity among people			
v1047	study conditions at universities			
v1048	personal freedom of organization and movement			
v1049	constitutional legality			
Questions and items that were only collected up to wave 5				
Interest-job opportunities, attending other subjects				
	19-21-23-23- 17-x-x-x-x-x-x-x-x			
	How do you feel about the alternative:			Wave 1-5
v1050	[A] It is better to study a subject in which later career opportunities are good and secure, even if it is less interesting. [B] It is better to study a subject that really interests you, regardless of your future career prospects.	I prefer ... 1 = A 2 = B 3 = cannot decide		
	23-30-32-31-22-x-x-x-x-x-x-x-x			
	<i>In what areas - outside of your own subjects - have you taken courses during your previous studies?</i>			Wave 1-5
v1051	in the field of law, economics (also business administration)	1 = none 2 = one		
v1052	in the social sciences (also psychology, politics)	3 = 2 to 3		
v1053	in the humanities (including theology, art, languages)	4 = more than 3		

v1054	in the natural and engineering sciences (including medicine, mathematics)		
v1055	in other areas (wave 2-5)		
Housing situation			
	x-x-x-50-41-x-x-x-x-x-x-x		
v1056	<i>Did you have any difficulty finding housing this semester?</i>	1 = no apartment wanted Apartment searched and ... difficulties 2 = none 3 = low 4 = some 5 = large 6 = very large	Wave 4-5
	39-47-51-51-42-x-x-x-x-x-x-x		
v1057	<i>Where are you living this semester? And how would you prefer to live?</i>	1 = a) with parents/relatives 2 = b) Room in sublease 3 = c) alone in an apartment 4 = d) Student Residence 5 = e) Apartment with spouse or boyfriend/girlfriend 6 = f) in a shared apartment 7 = g) other	Wave 1-5
v1058	I currently live: I would love to live:		
	40-48-52-52-43-x-x-x-x-x-x-x		
	<i>We assess you the housing situation in terms of ...</i>		
v1059	contact opportunities with other students?	very inconvenient ↓ 1 - 2 - 3 - 4 - 5 - 6 - 7 very convenient ↓	Wave 1-5
v1060	concentrated learning and studying?		Given in the questionnaire as a scale from -3 to +3, was recoded to 1-7
v1061	Proximity, accessibility of the university?		
v1062	costs, financial effort?		
v1063	personal well-being?		
	x-72-77-77-69-x-x-x-x-x-x-x		
	<i>(New regulations have applied to BAföG funding since 1983). How would you rate the BAföG support under the following aspects?</i>		
v1064	Partial loan forgiveness for the best students in a graduating class	reject fully ↓ 1 - 2 - 3 - 4 - 5 - 6 – 7 fully agree ↓ can not judge ↓ 8	Wave 2-5
v1065	Partial loan forgiveness in the event of successful completion of studies before the end of the maximum funding period		Text until wave 3: <i>Since 1983</i>
v1066	Possibility to be sponsored for part of the studies at a foreign university (wave 4-5)		
v1067	Switch to full loans for students (wave 2-3)		
Questions and items that were only collected up to the 4th wave			

Study preparation			
v1068 v1069	x-26-28-27- x-x-x-x-x-x-x-x-x <i>Looking back, how would you rate the ...</i>		
	basic knowledge related to the subject of study? general knowledge	insufficient ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very good ↓	Wave 2-4
v1070	x-x-29-28- x-x-x-x-x-x-x-x-x <i>To what extent do you feel that the upper school ...</i>		
	Overall, well prepared for your studies?	not at all ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 very good ↓	Wave 3-4 In wave 4 one additional item (v1369)
v1071	x-27-30-29- x-x-x-x-x-x-x-x-x <i>Does your department have (so-called) (special) events (e.g. pre- or bridge courses) in which subject-related knowledge is taught to catch up on gaps in school knowledge?</i>	1 = no 2 = yes, have also attended such events/courses 3 = yes, but have not attended such events/courses 4 = don't know	Wave 2-4 Text from wave 3: ... <i>special events (e.g. pre- or...)</i> Text wave 2: ... <i>so-called pre- or bridge courses, ...</i>
v1072	x-x-31-30- x-x-x-x-x-x-x-x-x <i>If you have attended such events/courses, how have they benefited your studies?</i>		
		no benefit ↓ 0 - 1 - 2 - 3 - 4 - 5 - 6 big benefit ↓	Wave 3-4 In wave 2 this question is asked with four items.
v1073 v1074	42-49-53-53- x-x-x-x-x-x-x-x-x <i>Did you get to your current university through the ZVS (Dortmund)?</i>	1 = no Yes, and in fact, this university was my... 2 = 1. Option 3 = 2. Option 4 = 3. and another option 5 = none of the specified	Wave 1-4
	<i>If you did not get to your current universities through the ZVS, were you affected by local admission restrictions?</i>	1 = no 2 = yes, but was able to enroll at the university of my choice 3 = yes, had to switch to another university	Wave 3-4
Student life			
v1075 v1076	69-77-81-81- x-x-x-x-x-x-x-x-x <i>In your personal experience, to what extent are the following statements about students (undergraduates) true?</i>		
	Life as a student is preferable to that of non-students of the same age. There is a lack of contact with peers who are not students.	does not apply at all ↓ fully applies ↓	Wave 1-4 Text wave 1: <i>To what extent are statements about the position of students in society true according to your personal experience?</i>

v1077	As a student, I can realize my own ideas more easily than non-students of the same age.	0 - 1 - 2 - 3 - 4 - 5 - 6	Text wave 2-3: ... <i>about students</i> ...
v1078	The needs and interests of students are hardly taken into account in society.		
v1079	As a student, it is difficult to be accepted by the rest of the population. (wave 1-2)		
	68-78-83-83-x-x-x-x-x-x-x-x		
	<i>Do you personally rate the following aspects of student life more as advantages or disadvantages?</i>		Wave 1-4
v1080	separation from the professional world	1 = big disadvantage	
v1081	closer acquaintance with professors / contacts with academics	2 = certain disadvantage	
v1082	lack of contacts to (isolation from other) peers who do not study	3 = neither	
v1083	later family formation/marriage than peers who do not study	4 = certain advantage	In wave 1 one additional item (v1370)
v1084	Possibility to deal intensively with political issues	5 = big advantage	
v1085	Insecurity with life situation		
Tasks of university			
	71-80-85-85-x-x-x-x-x-x-x-x		
	<i>Tasks of the university can be seen in the following aspects. Indicate in each case, ...</i>		Wave 1-4
	<i>a) the importance the university currently attaches to this aspect,</i>		In wave 1 four additional items (v1371-v1374)
v1086	Promotion of personal education / general education	a) present importance	
v1087	Teaching the methods of scientific work (wave 2-4)	from wave 2:	Attention: from wave 2: scale from 0-6 +7; in wave 1 expressions: 1-4 +5, recoding for wave 1: 1= 0, 2=1, 3=5, 4=6, 5=7
v1088	imparting professional knowledge (/skills) (wave 2-4)	none very big don't know	
v1089	solid apprenticeship for the profession	↓ ↓ ↓	
v1090	encouragement to act responsibly in our society (wave 2-4)	0 - 1 - 2 - 3 - 4 - 5 - 6 7	
v1091	preservation and transmission of culture	In wave 1:	
v1092	continuing education for all who are interested	1 = none	
v1093	Basic research as an end in itself (for the advancement of knowledge)	2 = few	
v1094	Research that contributes to social progress	3 = big	
v1095	Research that contributes to technical progress	4 = very big	
		5 = don't know	
	<i>b) what importance you think the aspect should have.</i>		
v1096	Promotion of personal education / general education	b) Importance that the aspect should have	
v1097	Teaching the methods of scientific work (wave 2-4)		
v1098	imparting professional knowledge (/skills) (wave 2-4)	from wave 2:	Attention: from wave 2: scale from 0-6; in wave 1 proficiencies: 1-4, recoding for wave 1: 1= 0, 2=1, 3=5, 4=6
v1099	solid apprenticeship for the profession	none very big	
v1100	encouragement to act responsibly in our society (wave 2-4)	↓ ↓	
v1101	preservation and transmission of culture	0 - 1 - 2 - 3 - 4 - 5 - 6	
v1102	continuing education for all who are interested	In wave 1:	In wave 1 four additional items (v1375-v1378)
v1103	Basic research as an end in itself		

v1104	Research that contributes to social progress	1 = none	
v1105	Research that contributes to technical progress	2 = few	
		3 = big	
		4 = very big	
Questions and items that were only collected up to wave 3			
Self-assessment skills and attributes			
	x-24-26-x-x-x-x-x-x-x-x		
	<i>How well do you master the following skills and work techniques?</i>		Wave 2-3
v1106	Learning techniques, rational learning	not at all	very good
v1107	collecting and organizing information/documents for a work	↓	↓
v1108	structure the content of an extensive work	0 - 1 - 2 - 3 - 4 - 5 - 6	
v1109	develop and present own thoughts, points of view		
v1110	read and analyze scientific publications		
v1111	fill in gaps in understanding through independent work		
v1112	express myself precisely and concisely in discussions		
v1113	prepare protocols		
v1114	give presentations		
v1115	work together with others in groups		
v1116	cite meaningfully and correctly		
v1117	dealing with handbooks, dictionaries, registers etc.		
	x-25-27-x-x-x-x-x-x-x-x		
	<i>To what extent do you attribute the following qualities and skills to yourself?</i>		Wave 2-3
v1118	Ability to work intensively and with concentration over a longer period of time	not at all	fully
v1119	independent questions and work, own initiative	↓	↓
v1120	systematic and logical thinking, logical inference and reasoning	0 - 1 - 2 - 3 - 4 - 5 - 6	
v1121	comprehension, grasp of contexts		
v1122	intellectual curiosity, joy of discovery		
v1123	Ability to critically evaluate results		
v1124	accuracy and diligence in work		
	90-97-102-x-x-x-x-x-x-x-x		
	<i>Please tick how well these characteristics apply to you.</i>		Wave 1-3
v1125	knowledgeable, educated		
v1126	sociable		
v1127	self-critical (wave 2-3)		
v1128	adaptable		
v1129	understanding, empathetic	does not apply at all	fully applies

v1130	diligent	↓	↓	
v1131	responsible	0 - 1 - 2 - 3 - 4 - 5 - 6		
v1132	ambitious			
v1133	religious			
Questions and items that were only collected up to the 2nd wave				
Study success				
	32-39-x-x-x-x-x-x-x-x-x-x			
	<i>How much do the aspects listed contribute to whether you are successful in your studies?</i>			Wave 1-2
v1134	own effort, own endeavor	not at all	very strongly	
v1135	own abilities, professional talent	↓	↓	
v1136	own working styles, techniques, learning habits	0 - 1 - 2 - 3 - 4 - 5 - 6		
v1137	own performance expectations, goals			
v1138	own psychological condition (e.g. self-confidence)			
v1139	own financial situation			
v1140	professional skills of teachers			
v1141	didactic, pedagogical skills of teachers			
v1142	performance requirements/pressure in your subject			
v1143	professional help/support from others			
v1144	size of courses/seminars			
v1145	professional future prospects, job market opportunities			
v1146	own social background			
v1147	adaptation to expectations and wishes of professors			

List 1
Study subjects
New codes - multiwave file

Linguistics and cultural studies

- 11 Protestant theology, religious education
- 12 Catholic theology, religious education
- 13 Philosophy, ethics
- 14 History
- 15 Archaeology
- 16 Media studies, media science, library science, documentation
- 17 General and comparative literature/ linguistics
- 18 Latin, Greek, Byzantine studies
- 19 German studies, German, other Germanic languages (e.g. Danish)
- 20 English, American studies
- 21 Romance studies, French, other Romance languages
- 22 Slavic studies, Baltic studies, Finno-Ugrian studies, Russian, other Slavic languages
- 23 Ethnology, Folklore, Folk Studies
- 24 non-European linguistics, cultural studies
- 25 other subjects of linguistics, cultural studies

26 Psychology

27 Sports science, sports pedagogy

Social and educational sciences

- 30 Educational science, pedagogy, educational science
- 31 Special education, education for the disabled
- 32 Social welfare, social work, social pedagogy
- 33 Political science, political science, administrative science
- 35 Sociology, social science, social studies
- 36 Journalism, Public Relations, Communication Science
- 37 other social sciences, regional science

39 Law, Jurisprudence

40 Business Law

Business Engineering

- 41 Industrial Engineering (without focus)
- 42 Focus on economics
- 43 Focus on engineering

44 Business Informatics

Economics

- 45 Economics
- 46 Political Economics
- 47 Business Administration/Management
- 48 Business education, industrial education, business studies
- 49 other subjects of economics

Mathematics, natural sciences

- 50 Mathematics, Statistics
- 51 Informatics
- 52 Physics, Astronomy
- 53 Chemistry, biochemistry, food chemistry
- 54 Pharmacy
- 55 Biology
- 56 Biotechnology
- 57 Geosciences, Geology
- 58 Geography, Earth science
- 59 other subjects of natural sciences

Medicine / Health Sciences

- 60 Human Medicine
- 61 Dentistry
- 62 Veterinary Medicine
- 63 Health Science/ Management/ -education, non-physician health care professions, nursing science

Agricultural, forestry, nutritional sciences

- 70 Agricultural science, horticulture, food technology
- 71 Land management, landscaping, nature conservation
- 72 Forestry, wood industry
- 73 Nutrition, household sciences
- 74 other subjects of agricultural, forestry, nutritional sciences

Engineering

- 80 Engineering in general (mechatronics, interdisciplinary studies)
- 81 Mining, metallurgy
- 82 Mechanical engineering, production engineering, process engineering (physical, precision, chemical, supply, reproduction, environmental, health engineering, materials science)
- 83 Electrical engineering, electronics, communications engineering
- 84 Transport engineering, nautical engineering, shipbuilding, marine engineering, vehicle, aerospace engineering
- 85 Architecture, interior design
- 86 Spatial planning, environmental protection
- 87 Civil engineering, structural engineering
- 88 Surveying, cartography
- 89 other subjects in engineering

Art, art science, music

- 90 Art science, art history, art education
- 91 Fine arts, design, graphics, design, new media
- 92 Performing arts, film, television, theater studies
- 93 Music, musicology, music education
- 94 other subjects of art, art science, music

98 other fields of study, not to be classified

List 2

Areas of professional apprenticeship of parents

(please think about the professional direction of your father's and mother's education)

Degree from universities (Uni, UAS, or similar)

- 01 Humanities/Cultural Studies, Theology, Languages
- 02 Social and educational sciences, pedagogy, psychology, social services
- 03 Law
(also UAS of administration, police)
- 04 Economics,
Industrial Engineering
- 05 Human, dental and veterinary medicine, Pharmacy
- 06 Natural sciences, mathematics, Computer science
- 07 Engineers: mechanical engineering, electrical engineering, traffic engineering
- 08 Engineers: civil engineering, structural engineering, architecture, spatial planning, mapping
- 09 Agricultural, forestry, nutritional sciences, horticulture, landscape conservation
- 10 Art, music, theater, film schools, design, graphics
- 11 other specialization at universities

Other degrees / apprenticeships

- 21 Printing, media, librarianship, foreign languages (e.g. journalist, typesetter)
- 22 Education and social services (e.g. kindergarten teacher, welfare, youth welfare)
- 23 Administration, law, security (e.g. paralegal, police, air traffic controller)
- 24 Commercial area / trade / banks (e.g. commercial apprenticeship, insurance, salesperson)
- 25 Health care, nursing professions, optics, pharmacy (e.g. medical assistant, MTA, optician, dental technician)
- 26 Natural sciences (e.g. chemical assistant, laboratory assistant, techn. assistant)
- 27 Technical, electrical, IT fields (e.g. mechanic, electronics technician, systems IT specialist)
- 28 Metal, construction, wood (e.g. locksmith, bricklayer, painter, carpenter)
- 29 Nutrition, hotel industry, agriculture and home economics (e.g. baker, butcher, cook, waiter, gardener)
- 30 Art, design, music (e.g. photographer, decorator, editor)
- 31 other professional specialization

40 no vocational apprenticeship

50 don't know

List 3

Occupational status of parents

Workers

- 01 unskilled / semi-skilled workers
- 02 Skilled workers, dependent manual workers (with apprenticeship)
- 03 Master craftsmen, foremen

Employees

- 04 executive employees (e.g. typist, salesperson)
- 05 qualified employees (e.g. clerk, accountant, foreman, nurse)
- 06 Senior/highly qualified employees (e.g. head of department, authorized signatory, managing director, scientific employee)

Civil servants/officials

- 07 in simple/medium service (e.g. conductor, administrative assistant, secretary)
- 08 in the higher service (e.g. inspector, bureaucrat, assessor)

Independent

- 10 smaller self-employed (e.g. retailer, craftsman)
- 11 medium-sized self-employed (e.g. large retailer, main agent)
- 12 larger self-employed (e.g. factory owner)
- 13 Liberal professions, self-employed academics (e.g. lawyer, practicing doctor, artist)
- 14 independent farmers

Other

- 15 in apprenticeship
- 16 never been employed, housewife/househusband
- 17 other
- 18 don't know

List 4
Foreign languages
for v274 to v277

Foreign languages 27 Categories

For v274k to v277k

- 1 Greek
- 2 Latin
- 3 Dutch
- 4 Scandinavian languages
- 5 Danish
- 6 English
- 7 French
- 8 Italian
- 9 Portuguese
- 10 Spanish
- 11 Russian
- 12 West and South Slavic languages
- 13 Baltic languages
- 14 Finnish/Hungarian
- 15 African
- 16 Ancient Egyptian
- 17 Arabic languages
- 18 Hebrew languages
- 19 Indian languages
- 20 Persian languages
- 21 Japanese languages
- 22 Chinese languages
- 23 Turkish
- 24 Gaelic, Indian, Akkadian, Yiddish
- 25 "World languages"
- 26 Signed/deaf language
- 27 Other languages

Foreign languages 10 categories

for v274z to v277z

- 01 Latin/Greek
- 02 Germanic languages
- 03 Anglican languages
- 04 French
- 05 Italian
- 06 Spanish/Portuguese
- 07 Russian
- 08 other European languages
- 09 non-European languages
- 10 other