

### **2023 survey of students** Winter semester 2023/24 State examination and bachelor's courses

## Survey

Dear student,

We are delighted that you are participating in our UDE survey. Answering the survey will take approximately 30 minutes.

You can pause the completion of the survey and continue at a later time. There will not be any adverse effects for you or your studies if you do not complete the survey or do not participate at all.

Any information you provide in the context of this survey will be handled in strict compliance with data protection regulations. The findings will be published in such a way that it will not be possible to make any inferences about the identity of individuals. Please note the more detailed <u>data protection information</u>. On this page, you will also find extensive background information about UDE's surveys for this year.

As a token of our appreciation, we will hold a prize draw where all participants have a chance to win one of: 1 x Apple MacBook Air.

- 2 x Dell Tablet,
- 3 x Apple AirPods or
- 4 x 1TB external hard drive.

You can find further information on the prize draw at the end of the survey.

#### Please click 'NEXT' to start the survey.

Your UDE Survey team

If you have any questions or suggestions, please contact: ZHQE | *UDE-Umfrage* Universität Duisburg-Essen Keetmanstr. 3–9 | 47058 Duisburg Email: <u>ude-umfrage@uni-due.de</u> Phone: +49 203 379 7021 Web: <u>https://www.uni-due.de/zhqe/ude\_umfrage</u>

O I have read the information on data protection and give my consent.



Survey contents	Notes A <sup>1</sup> B <sup>2</sup> C <sup>3</sup>	1
Your degree programme at the University of Duisburg-Essen In order to be able to have only those questions displayed to you that are relevant for you, we would like to request some general information about your current studies at the University of Duisburg-Essen.		
<ul> <li>Intended degree</li> <li>What degree do you pursue in your current programme at the University of Duisburg-Essen?</li> <li>Single-subject Bachelor of Arts</li> <li>Dual-subject Bachelor of Arts</li> <li>Bachelor of Science</li> <li>Bachelor with a teaching option for primary schools (<i>Grundschulen</i>)</li> <li>Bachelor with a teaching option for secondary schools (<i>Haupt-, Real-, Sekundar- und Gesamtschulen</i>)</li> <li>Bachelor with a teaching option for secondary schools offering university qualification (<i>Gymnasien und Gesamtschulen</i>)</li> <li>Bachelor with a teaching option for vocational schools (<i>Berufskollegs</i>)</li> <li>Bachelor with a teaching option for special needs education (<i>sonderpädagogische Förderung</i>)</li> <li>State examination in medicine</li> </ul>		AB
<ul> <li>Faculty</li> <li>Which faculty are you enrolled in?</li> <li>Humanities (BA)</li> <li>Social Sciences (BA)</li> <li>Educational Sciences</li> <li>Economics and Business Administration (Essen) (BSc)</li> <li>Business Administration – Mercator School of Management (Duisburg) (BSc)</li> <li>Mathematics (BSc)</li> <li>Physics (BSc)</li> <li>Chemistry (BSc)</li> <li>Biology (BSc)</li> <li>Engineering (BSc)</li> <li>Computer Science (BSc)</li> </ul>	Filter: Sin- gle-subject Bachelor of Arts/Bach- elor of Sci- ence (Display criteria)	AB
<ul> <li>Single-subject Bachelor of Arts programme/subject</li> <li>Please specify your degree programme:</li> <li>Humanities (Humanities)</li> <li>Kulturwirt Englisch</li> <li>Kulturwirt Französisch</li> <li>Kulturwirt Niederländisch</li> <li>Kulturwirt Spanisch</li> <li>Kulturwirt Türkisch</li> </ul>	Filter: Sin- gle-subject Bachelor of Arts (Display criteria)	A B

 <sup>&</sup>lt;sup>1</sup> Group A: All students in the 5th semester
 <sup>2</sup> Group B: 1/3 of the students in the 3rd/4th/6th/7th semester
 <sup>3</sup> Group C: 1/3 of the students in the 3rd-7th semester

		:	
So	cial Sciences (Social Sciences)		
	Globale und Transnationale Soziologie		
	Moderne Ostasienstudien		
	Politikwissenschaft Soziologie		
	ucational Sciences (Educational Sciences) Erziehungswissenschaft		
	Soziale Arbeit		
Otl	ner		
0	Namely:		
			A
Ba	chelor of Science programme/subject	Filter: Bachelor of	В
Ple	ase specify your degree programme:	Science	
Ed	ucational Sciences (Educational Sciences)	(Display	
0	Psychologie	criteria)	
Bic	ology (Biology)		
	Aquatische Biologie		
	Biologie		
	Medizinische Biologie Molekularbiologie		
	emistry (Chemistry)		
	Chemie		
-	Water Science, Wasser: Chemie, Analytik, Mikrobiologie		
Co	mputer Science (Computer Science)		
0	Software Engineering		
En	gineering (Engineering)		
0	Angewandte Informatik – Schwerpunkt Ingenieur- oder Medieninformatik (Eng/CS)		
	Angewandte Kognitions- und Medienwissenschaft (Eng/CS)		
	Bauingenieurwesen (End) Computer Engineering (Eng/CS)		
	Electrical and Electronic Engineering (Eng)		
	Elektrotechnik und Informationstechnik (Eng)		
	Maschinenbau (Eng)		
	Mechanical Engineering (Eng)		
	Medizintechnik (Eng) Metallurgy and Metal Forming (Eng)		
õ			
	Nano Engineering (Eng)		
	Structural Engineering (Eng)		
0	Wirtschaftsingenieurwesen (Eng)		
_	thematics (Mathematics)		
0	Mathematik (mit Anwendungsfach)		
	Technomathematik Wirtschaftsmathematik		
	rcator School of Management – Business Administration (Duisburg) (MSM)		
0			
	Wirtschaftspädagogik		
Ph	ysics (Physics)		

-	<ul><li>Energy Science</li><li>Physik</li></ul>		
Е	conomics and Business Administration (Essen) (Economics and Business Administration)		
C	<ul> <li>Angewandte Informatik – Systems Engineering (Eco/SC)</li> <li>Betriebswirtschaftslehre (Essen) (Eco)</li> <li>Volkswirtschaftslehre (Eco)</li> <li>Wirtschaftsinformatik (Eco/CS)</li> </ul>		
С	ther		
C	Namely:		
	ual-subject BA programme/subject	Filter: Dual-sub-	A B
	lease specify the <u>two</u> subjects you study:	ject Bache- lor of Arts	
Н	lumanities		
	<ul> <li>Anglophone Studies</li> <li>Christliche Studien (Schwerpunkt: evangelisch)</li> <li>Christliche Studien (Schwerpunkt: katholisch)</li> <li>Französische Sprache und Kultur</li> <li>Germanistik</li> <li>Geschichte</li> <li>Kommunikationswissenschaft</li> <li>Kunstwissenschaft (an der Folkwang Universität)</li> <li>Niederlandistik</li> <li>Spanische Sprache und Kultur</li> </ul>		
	art-time studies re you officially enrolled for a part-time programme?	Filter: Dual-sub- ject BA or	A B
C	Yes No	B.Sc. Eng., Ph., Bio.	
Т	hird subject for the teaching option for primary schools	Filter: Teaching	A B
	lease specify the subject that will be included in your final mark in addition to your man- atory subjects:	option for primary schools	
	<ul><li>Englisch</li><li>Kunst</li></ul>	5010015	
	ubjects for the teaching option for secondary schools lease specify the <u>two</u> subjects that will be included in your final mark: Biologie	Filter: Teaching option for secondary schools	A B
Ē		SCHOOIS	

Deutsch Englisch Geschichte Kunst Mathematik Musik Physik Praktische Philosophie Evangelische Religionslehre Katholische Religionslehre Sport Technik Türkisch Wirtschaft-Politik/Sozialwissenschaften		
piects for the teaching option for secondary schools that offer university qualification	Filter:	A B
	option for	_
Biologie Chemie Deutsch Englisch Französisch Geschichte Informatik Kunst Mathematik Musik Philosophie/Praktische Philosophie Physik Evangelische Religionslehre Katholische Religionslehre Spanisch Sport Technik Türkisch	secondary schools that offer university qualifica- tion	
pjects for the teaching option for vocational schools	Filter: Teaching	A B
ase specify the <u>two</u> subjects that will be included in your final mark:	option for	
Bautechnik (große berufliche Fachrichtung) Biologie Biotechnik (gleichgewichtete berufliche Fachrichtung) Chemie Deutsch Englisch Evangelische Religionslehre Finanz- und Rechnungswesen (kleine berufliche Fachrichtung) Französisch Katholische Religionslehre Kunst Mathematik Physik Produktion, Logistik, Absatz (kleine berufliche Fachrichtung) Sektorales Management (kleine berufliche Fachrichtung)	schools	
	Englisch Geschichte Kunst Mathematik Musik Physik Praktische Philosophie Evangelische Religionslehre Katholische Religionslehre Sport Technik Türkisch Wirtschaft-Politik/Sozialwissenschaften jetst for the teaching option for secondary schools that offer university qualification ase specify the <u>two</u> subjects that will be included in your final mark: Biologie Chemie Deutsch Englisch Französisch Geschichte Informatik Kunst Mathematik Philosophie/Praktische Philosophie Physik Evangelische Religionslehre Sport Technik Türkisch Wirtschaft-Politik/Sozialwissenschaften Spott for the teaching option for vocational schools ase specify the <u>two</u> subjects that will be included in your final mark: Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie Biologie	Englisch Geschichte Kunst Mathematik Musik Prysik Prysik Prysik Katholische Religionslehre Spott Technik Türkisch Wirtschaft-Politik/Sozialwissenschaften Siologie Chemie Deutsch Englisch Französisch Geschichte Informatik Kunst Mathematik Musik Philosophie/Praktische Philosophie Physik Philosophie/Praktische Philosophie Physik Physik Philosophie/Praktische Philosophie Physik Philosophie/Praktische Philosophie Physik Physik Philosophie/Praktische Philosophie Physik Physik Philosophie/Praktische Philosophie Physik Physik Philosophie/Praktische Philosophie Physik Physik Physik Philosophie/Praktische Philosophie Physik Physik Philosophie/Praktische Philosophie Physik Physik Philosophie/Praktische Philosophie Physik Physik Physik Philosophie/Philosophie/Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Physik Phy

Wirtschaftswissenschaf	perufliche Fachrichtung) t (gleichgewichtete berufliche Fachrichtung) t (große berufliche Fachrichtung) leine berufliche Fachrichtung)		
	ption for special needs education pulsory elective focus and your teaching subject/field within your alisation:	Filter: Teaching option for special	A B
Primary school specialisa specialisation)	tion (cannot be combined with subjects from the secondary school	needs edu- cation	
, ,	e Grundbildung (cannot be combined with Lernbereich Mathematische		
0,	sche Grundbildung (cannot be combined with Lernbereich Sprachliche		
0,	Gesellschaftswissenschaften (Sachunterricht)		
Evangelische Religions			
<ul><li>Katholische Religionsle</li><li>Sport</li></ul>	nie		
Secondary school special mary school specialisation)	lisation (cannot be combined with subjects/learning fields from the pri-		
Hochschulsemester			A B
What semester of enrolme	ent (total period of study) and study are you currently in?		
Please specify your semest	er as a whole number.		
Semester of enrolment	Semester of study		
(total period of study)	(study time in your subject)		
Identification with the Univ	versity	Source:	AB
	ree with the statements below?	Postmes, Haslam & Jans 2013	Þ

	Strongly lisagree	2	3 4	5	6	Strongly agree		
I identify with the University of Duis- burg-Essen.	0	0	•	o 0	0	0		
The campus is a place where I like to spend time.	0	0	0	0	0	0		
I can imagine working in the Ruhr Area after my studies.	0	0	•	0	0	0		
Suggestions for improvement of the can	npus life						Filter: spend time	
Is there anything that you think could i	on campus							
<ul> <li>Yes, namely:</li> <li>No</li> </ul>	-	-	-	-	-		under 5	
Settling in at university								
With the following questions, we would lik tled with regard to the University and you			at extent	you are a	lready fee	ling set-		
Social integration							Source:	
The statements below concern your re To what extent do the statements belo			eaching	staff and	fellow st	udents.	Dahm, Lauterbach & Hahn	
		Strongl y disa- gree	Disa- gree	Par- tially	Agree	Strongl y agree	2016 Abbrevia- tions:	
I have been able to establish good conta other students during my studies to date		0	•	0	0	0	S: Interac- tions with	
I know a lot of fellow students with whon discuss subject-specific questions. (S)	n I can	0	0	0	0	0	fellow stu- dents	
					$\sim$	0	L: Interac- tions with	
I have a lot of contact with students from	n my se-	0	0	0	0		toopland	- 3
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in	•	0	0	0	0	0	teaching staff	
I have a lot of contact with students from mester. $(\mathbb{S})$	•						-	
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in gramme. $(T)$	my pro-	0	0	0	0	0	-	
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in gramme. (T) Most teaching staff treat me fairly. (T)	my pro- ff. (⊤)	0	0	0	0	0 0	-	
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in gramme. (T) Most teaching staff treat me fairly. (T) I feel acknowledged by the teaching staff The teaching staff are interested in what to say. (T) Academic integration	my pro- ff. (⊤) t I have				0		-	
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in gramme. (T) Most teaching staff treat me fairly. (T) I feel acknowledged by the teaching staff The teaching staff are interested in what to say. (T)	my pro- ff. (⊤) t I have		O O O O d your s	O O O O tudies?	0		staff Sources: Dahm, Lauterbach & Hahn	
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in gramme. (T) Most teaching staff treat me fairly. (T) I feel acknowledged by the teaching staff The teaching staff are interested in what to say. (T)	my pro- ff. (⊤) t I have	o you an Strongl y disa-			0		staff Sources: Dahm, Lauterbach & Hahn 2016	
I have a lot of contact with students from mester. (S) I get along well with the staff teaching in gramme. (T) Most teaching staff treat me fairly. (T) I feel acknowledged by the teaching staff The teaching staff are interested in what to say. (T)	my pro- ff. (T) t I have w apply t	o you an Strongl	O O O O d your s Disa-	U U U U tudies? Par-		) ) ) Strongl	staff Sources: Dahm, Lauterbach & Hahn	

I set very high demands on myself when it comes to my study performance. $(T)$	0	0	0	0	0	involve- ment	
To be honest, I do not enjoy my studies very much. $(A)$	0	0	•	0	0		
I invest a lot of energy in order to be successful in my studies. (L)	0	0	0	0	0		
I can fully identify with my studies. (A)	0	0	0	0	0		
n-class experience							
Through the following questions, we would like to fi classes of your degree programme.	nd out wh	nat your ex	kperience	e was like i	in the		
Discourse-focused formats and problem-oriented	learning					Sources: Centeno	
n the classes you attended, to what extent were	e you abl	e to				Gracia	
	Not at all	To a small extent	Par- tially	To some extent	To a great extent	2019; Jahn 2019; Reusser	
develop your own academic questions?	0	0	0	0	0	2005	
develop solutions to academic questions step by step?	0	0	0	0	0		
link theoretical knowledge to practical situa- tions?	0	0	0	0	0		
research further sources in addition to the lit- erature provided?	0	0	0	0	0		
become familiar with multiple perspectives on a topic?	0	0	0	0	0		
critically assess different academic perspec- tives?	0	0	0	0	0		
debate academic topics with your fellow stu- dents?	0	0	0	0	0		
discuss with your fellow students?	0	0	0	0	•		
receive feedback?	0	0	0	0	•		
give feedback to your fellow students?	0	0	0	0	•		
give feedback to the teaching staff?	0	0	0	0	0		
Key skills classes						Filter:	••••
From which of the fields below have you attend	ed classe	es offered	l throual	n the Insti	itute for	Bachelor	
Optional Studies (IOS) in the course of your stu			J				
Multiple selections are allowed.							
<ul> <li>Foreign-language courses (E1)</li> <li>Methodological competence, personal and soci</li> <li>Writing lab (E1)</li> <li>UNIAKTIV</li> </ul>	ial skills (I	Ξ1)					
<ul> <li>Studium Liberale (E3)</li> <li>I have not attended any IOS classes yet. (exclu</li> <li>I do not know (exclusive)</li> </ul>	isive)						

Evaluation of E1 courses offered (key ski Reflecting upon the classes you attend	led in the						Filter: at- tend E1- course	A
cal competence, personal and social sl the statements below?	kilis, wri	ting lab) to	o what e	extent do y	you agre	e with		
The class(es) I attended								
	Fully disa- gree	Rather disa- gree	Par- tially	Rather agree	Fully agree	l could not say.		
was/were consistent with my personal interests and/or needs.	0	0	0	0	0	0		
allowed me to draw links to the content of my study programme.	0	0	0	0	0	0		
met my expectations regarding the re- quirements of the field I aim to work in.	0	0	0	0	0	0		
Other topics (E1)							Filter: Bachelor	A
Would you want other topics to be offe	red in th	e E1 field	? If so, v	which one	s?		Dacheioi	
<ul><li>Yes, namely:</li><li>No</li></ul>								
Evaluation of E3 courses offered (Studiu	Filter: at- tend UNI-	A						
Reflecting upon the classes you attend what extent do you agree with the state			(Studiur	n Liberale	)/UNIAK	TIV, to	AKTIV- or E3-course	
The class(es) I attended	inents i	Jeiow :					(Display	
	Fully disa- gree	Rather disa- gree	Par- tially	Rather agree	Fully agree	l could not say.	criteria)	
allowed me to draw links to the content of my study programme.	0	0	0	0	0	0		
was/were too demanding for me.	0	0	0	0	0	0		
covered topics that are relevant to cur- rent issues in society (e.g. questions of sustainability).	•	0	0	0	0	0		
provided insights into other disciplines and their methods.	0	0	0	0	0	0		
encouraged critical thinking.	0	0	0	0	0	0		
was/were designed in a way that also addressed students from other disci- plines appropriately.	0	0	0	0	0	0		
allowed me to engage in social activities. (UNIAKTIV)	0	0	0	0	0	0		
Other topics (E3) Would you want other topics to be offe	red in th	e E3 field	? If so, v	which one	s?		Filter: Bachelor	A
• Yes, namely:								

O No							
Internationalisation in teaching							А
Which international offers and elements were o							
Multiple selections are allowed.							
<ul> <li>International guest lecturers</li> <li>Foreign-language classes and events</li> <li>The course flow chart allows a window of time for a study-related period abroad.</li> <li>Content/topics with an international focus (e.g. global migration, international comparisons, international case studies, examples from other countries)</li> <li>Intercultural content/topics (preparation for an intercultural work environment, examples from other cultures)</li> <li>Technical language course options</li> <li>Virtual mobility options</li> <li>Options for intercultural exchange (e.g. buddy programmes)</li> <li>Other:</li> <li>No international offers or elements at all (exclusive)</li> </ul>							
Learning							
The following questions concern your current attitud learn and how you deal with stress during your stud		s your studi	ies, whe	ere and ho	w you		
Preferred places for learning If you can freely choose the place for your self- listed below do you prefer?	learning	Plausibility check: maximum of three entries	A				
Please select a ranking of a maximum of your three	e favoured	places for	learning	y by clickir	ng them.	entries	
<ul> <li>Group workspaces in the University Library</li> <li>Individual workspaces in the University Library</li> <li>LuDi learning and discussion centres</li> <li>Workspaces provided by the faculty/department</li> <li>Other places at UDE (e.g. canteen, cafés)</li> <li>ZIM PC pools</li> <li>Personal workspace (e.g. at home)</li> <li>Another place</li> </ul>	t						
Academic resilience (RAU) (1)						Sources: Turner,	С
To what extent do you agree with the statement	s below?					Holdsworth	
	Fully disagree	Rather disagree	Par- tially	Rather agree	Fully agree	& Scott- Young 2017; Sim-	
My university is somewhere where I feel that I belong. (FYC)	0	0	0	0	0	mons, Chau &	
The university work that I do fits well with my personal values and beliefs. (FYC)	0	0	0	0	0	Turner 2022	
Generally, I appreciate what I have in my univer- sity environment. (FYC)	0	0	0	0	0	Abbrevia- tions: FYC: find-	
The university work that I do helps to fulfil my sense of purpose in life. (FYC)	0	0	0	0	0	ing your calling	

I have developed some reliable ways to relax when I am under pressure at university. (MS)		0	0	0	0	0	MS: man- aging	
I take breaks to maintain my strength and energy when I am working hard at university. (N		•	0	0	0	0	stress	
I have developed some reliable ways to deal with the personal stress of challenging events university. (MS)	s at	0	0	0	0	0		
Academic resilience (RAU) (2)							Sources:	с
To what extent do you agree with the stater	nents b	elow?					Turner, Holdsworth	
		Fully sagree	Rather disagree	Par- tially	Rather agree	Fully agree	& Scott- Young 2017; Sim-	
I have a strong and reliable network of suppo ive fellow students at university. (BN)	rt-	0	0	0	0	0	mons, Chau &	
I have friends at university whom I can rely of support me when I need it. (BN)	n to	0	0	0	0	0	Turner 2022	
When things go wrong at university, they do not overshadow the other parts of my life. $(MP)$	not	0	0	0	0	0	Abbrevia- tions:	
Negative people at university do not pull me down. $({\sf MP})$		•	0	0	0	0	BN: build- ing net-	
Nothing at university ever really 'fazes me' fo long. $(\ensuremath{\mathbb{MP}})$	r	0	0	0	0	0	works MP: main- taining per-	
I am careful about eating well and healthy. (S	SH)	0	0	0	0	0	spective	
I have a good level of physical fitness. (SH)		0	0	0	0	0	SH: stay- ing healthy	
Teaching and learning media (1/2)							Source: Weber	С
In your experience, to what extent do the for senting learning material (in both self-study personal learning success?							2023	
,	Not at all	To a smal exter	ll Par- tially	To some extent	To a great extent	l do not know/l am not fa- miliar with this.		
Primary texts (academic articles, books,)	0	0	0	0	0	0		
Secondary texts (textbooks,)	0	0	0	0	0	0		
Asynchronous material prepared/com- mented on by teaching staff (presentations, handouts,)	0	0	0	0	0	0		
Synchronous material presented/com- mented on by teaching staff (talks,)	0	0	0	0	0	0		
Interactive material (simulations, software, models, simulation games,)	0	0	0	0	0	0		

I am worried about whether I will even be able to finish my studies. (P)	d g	ully isa- ree	Rather disa- gree	Par- tially	Rather agree	Fully agree	behavior	
To what extent do the statements below apply eral?	to yo	ou with	regard to	o your s	tudies in	gen-	P: exam nerves L: learning	
Managing your studies: anxiety when facing exa	amina	tions ar	nd learnir	ng behav	viour		Abbrevia- tions:	A B
I can usually solve demanding and complicated tasks well.	(	C	0	0	0	0		
I can resolve most issues well by myself.	(	C	0	0	0	$\bigcirc$		
I can rely on my abilities in difficult situations.		C	0	0	0	0		
	d	ully isa- ree	Rather disa- gree	Par- tially	Rather agree	Fully agree		
To what extent do the statements below apply	to yo	ou?					al. 2017	
Perceived self-efficacy							Source: Multrus et	A B
Testing options (tests, quizzes, polls/choice activities,)	0	0	0	0	0	0		
Content-creation options (wikis, blogs, AV media products,)	0	0	0	0	•	0		
Discussion options (chats, video confer- ences, forums,)	0	0	0	0	0	0		
Collaboration options (analogue/digital whiteboards, flipcharts, boards, Padlet,)	0	0	0	0	0	0		
Practice material (worksheets, digital prac- tice exercises,)	0	0	0	0	0	0		
Ν	Not at all	To a small extent	Par- tially	To some extent	To a great extent	l do not know/l am not fa- miliar with this.		
In your experience, to what extent do the follo ing on study material as well as for collaborati your personal learning success?							2023	
Teaching and learning media (2/2)	_						Weber	
Practical material (samples, laboratories,)	•	•	•	0	•	•	Source:	с
dios, podcasts,) Practical material (samples, laboratories,)	0	0	0	0	0	0		
Audio(-visual) material (films, videos, au-	$\circ$		0	0	0	$\circ$		
Visual material (pictures, illustrations, draw- ings, infographics, photos,)	0	0	0	0	0	0		

I can concentrate time and complete	on studying for long e a task. $(T)$	periods of	0	0	0	0	0		
	o learn new subject-s and remember them		0	0	0	0	0		
	n examinations that I gs that I usually know		0	0	0	0	0		
	ed before an examina	. ,	0	0	0	0	0		
I am good at orga workload. $(T)$	nising study material	and	0	0	0	0	0		
Artificial intelli	gence (AI) as p	part of yo	our stu	dies					
	would like to ask you nce (AI) in your studi		experient	ce with ar	nd your op	oinions of	the use		
Al: opportunity or	risk							Source: TU Dresden 2023	С
	cial intelligence (Al hat is your general						over the		
l see its use									
as an oppor- tunity.	as an oppor- tunity to a certain extent.	as a risł certain ex		as a	risk.	l do not (y an opi			
0	0	0		0		0			
Al as an opportuni	ty							Filter: Al not as a	С
What opportunitie	es do you think Al o	ffers in uni	versity te	eaching i	n genera	I?		risk	
									_
AI as a risk								Filter: Al not as an	С
What risks do you teaching in genera	ı see/what concerns al? 	s do you ha	ve in ter	ms of the	e use of <i>I</i>	Al in univ	ersity	opportunity	
Al in classes: encou	uragement from tea	ching staff						Source: Hoffmann	С
In how many class writing tools in the	ses during the winte e class context?	er semeste	r 2023/24	were yo	ou encoui	raged to u	use Al	et al. 2023	
• In no classes									
<ul><li>In one class</li><li>In two classes</li></ul>									
<ul><li>In three classes</li><li>In more than th</li></ul>	-								
	<del>-</del>								

<ul> <li>AI in classes: bans from teaching staff</li> <li>In how many classes during the winter semester 2023/24 were you forbidden to use AI writing tools in the class context?</li> <li>In no classes</li> <li>In one class</li> <li>In two classes</li> <li>In two classes</li> <li>In three classes</li> <li>In more than three classes</li> </ul>	Source: Hoffmann et al. 2023	C
Number of classes attended		С
How many classes are you actively attending in the winter semester 2023/24?		
Use of AI writing tools Have you already used an AI writing tool (e.g. ChatGPT) in your studies? Yes No	Source: Hoffmann et al. 2023	С
Ways of using AI writing tools         For what purposes have you used an AI writing tool for written work in the context of your studies?         Multiple selections are allowed.         Generating research questions         Finding sources         Summarising sources         Analysing (raw) data         Translating literature         Developing an outline         Developing arguments         Formulating my notes as complete sentences or paragraphs         Correcting my text on the content level         Improving my text on the language level         Translating my text         Creating a bibliography         Other:	Filter: Uses Al in stud- ies Source: Hoffmann et al. 2023	C
<ul> <li>Use of other AI tools</li> <li>Have you already used other (not purely text-generating) AI tools to assist with your writing in your studies?</li> <li>Multiple selections are allowed.</li> <li>No, I have not used any other applications. (exclusive)</li> <li>Yes, for literature research (e.g. Elicit, ResearchRabbit, Semantic Scholar, Connected Papers)</li> <li>Yes, for text comprehension (e.g. ChatPDF, Explainpaper)</li> <li>Yes, for editing language (e.g. DeepL, DeepL Write, LanguageTool, Grammarly)</li> <li>Yes, for other purposes, namely:</li></ul>	Source: Hoffmann et al. 2023	С

						1	1
Digitalisation							
The following questions concern your skills with reg	ard to dia	italisation					
		tansation.					
Perceived digital self-efficacy							A B
Please indicate to what extent the statements be	elow appl	y to you p	personal	ly.			
	Not at all	To a small extent	Par- tially	To some extent	To a great extent		
I am convinced I can keep up with the progress of digitalisation.	0	0	0	0	0		
I am confident that I can handle the digital re- quirements of my studies.	0	0	0	•	0		
I am comfortable using digital technology.	0	0	0	0	0		
Digital competencies: data processing and analysi	c					Source:	С
To what extent are the following skills currently		our repert	oire?			Krempkow 2022	
,,	Not at all	To a small	Par- tially	To some	To a great		
		extent	,	extent	extent		
I am able to							
apply advanced search techniques to refine a web search.	0	0	0	0	0		
use criteria to establish the reliability of infor- mation on the Internet.	0	0	0	0	0		
adapt online search techniques to suit my per- sonal needs.	0	0	•	0	0		
Digital competencies: communication/cooperatio	n & provis	sion of cor	ntent			Source: Krempkow	С
To what extent are the following skills currently	part of yo	our repert	oire?			2022	
	Not at all	To a small extent	Par- tially	To some extent	To a great extent		
I am able to							
distinguish which tools are suitable for jointly creating/managing content.	0	0	0	0	0		
overcome unexpected difficulties when using communication tools.	0	0	0	0	0		
use advanced formatting functions (e.g. mail merge, macros).	•	0	0	0	0		
find out how to apply licenses and copyrights.	0	0	0	0	0		
determine the most suitable (instruction) man- ual for a computer tool for a specific task.	0	0	0	0	0		
							1

Digital competencies: security & problem solving						Source: Krempkow 2022	С
To what extent are the following skills currently	part of yo	our repert To a	oire? Par-	То	То а	2022	
	all	small extent	tially	some extent	great extent		
I am able to							
configure/change the security settings of digi- tal devices.	•	0	0	0	0		
distinguish between security risks in various digital environments.	0	0	0	0	0		
determine the most suitable way to protect my privacy in digital environments.	0	0	0	0	0		
avoid (physical and mental) health risks in digital environments.	0	0	0	0	0		
select the right application to solve a problem for myself and others.	0	0	0	0	0		
identify needs for development with regard to digital skills for myself or another person.	0	0	0	•	0		
adapt digital technologies/services to be more socially responsible.	0	0	0	0	0		
Studying is not just about structuring the subject studies also require funding. If you work during reconciled. Therefore, the following questions of Paid work	your stu	dies, thes	se two a	reas nee	d to be		A
Have you worked during the current semester of	r are you	currently	working	a to earn	money?		
Here, 'work to earn money' refers to employment, a	-	-			-		
<ul> <li>Yes, in one job.</li> <li>Yes, in two different jobs.</li> <li>Yes, in three or more jobs.</li> <li>No</li> </ul>							
Paid work dichotomously							В
Have you worked during the current semester of	r are you	currently	working	g to earn	money?		
Here, 'work to earn money' refers to employment, a	sideline jo	ob, freelan	ice work,	etc.			
<ul><li>Yes</li><li>No</li></ul>							
Type of work						Filter: paid work	A B
Please select the type of work that best describe	es the wo	rk you do					
• Work as a student assistant/graduate assistant							

QUESTIONNAIRE FOR THE 2023 SURVEY OF STUDENTS IN BACHELOR'S AND STATE EXAMINATION COURSES

<ul> <li>Work that requ</li> </ul>	g. in a factory, an office, uires a university degree uires a completed apprer	(except g			bs)				
• Substitute tead									
								Filter: paid	A
Reconciliation of				_				work	В
How well can you	u reconcile your work v	with you	r studies'		_	-			
			Poorly	Rather poorly	Par- tially	Rather well	Well		
	ny work with my current s of Duisburg-Essen	tudies	0	0	0	0	0		
Relation with side	eline job							Filter: Ko- media	С
To what extent is	s this job related to the	subject(	(s) you ar	e studying	<b>j</b> ?			B.Sc. &	
Not at all	To a small extent	Partial	lly	To some e	xtent	To a grea	t extent	paid work	
0	0	0		0		0			
	of paid work s per week do you estin d during the non-teach			orking thi	s seme	ster durin	ig the	Filter: paid work	A B
	5 = 90 minutes; 9999 = 1	•	fied; 9998	8 = don't kn	ow				
	veek during the lecture p veek during the non-teac		iod						
Substitute teache	er in schools: subjects ta	ught						Filter: Sub-	С
What subjects do type(s) of school	o you teach in your role  ?	e as a su	ıbstitute t	eacher in	school	s, and in v	what	stitute teacher in schools	
Type(s) of school:		<del></del>							
Substitute teache	er in schools: contractua	lly agree	d weekly	working h	ours			Filter: Sub-	С
Please specify th your contract.	ne number of periods th	nat you a	agreed to	teach in c	ore sub	ojects per	week in	stitute teacher in schools	
9999 = not specifi 	ed; 9998 = don't know								
Reasons for empl	oyment							Filter: paid	A B
To what extent d studies	o the statements below	/ apply t	o you? l v	work/woul	d like to	o work du	ring my	work Source: SiD 2021	

	Not at all	To a small extent	Par- tially	To some extent	To a great extent		
because it is necessary for me to earn a liv- ing.	0	0	0	0	0		
in order to acquire additional qualifications alongside my studies.	0	0	0	0	0		
in order to be able to afford more things.	0	0	0	0	0		
in order to gather practical experience.	•	0	0	0	0		
in order to build contacts for future employ- ment.	0	0	0	0	0		
in order to be financially independent from my parents.	0	0	0	0	0		
because I have to help provide for others (partner/child(ren)).	0	0	0	0	0		
to make sure I will find employment later on, rrespective of whether or not I finish my studies.	0	0	0	0	0		
in order to conduct my final thesis project at he relevant company.	0	0	0	0	0		
in order to prepare for my future work as a teacher. (Bachelor with a teaching option)	0	0	0	0	0		
What is/are the reason(s) why you are not working	ng to earı	n money i	n the cu	rrent ser	nester?	Filter: no paid work	(
<ul> <li>What is/are the reason(s) why you are not working <i>Multiple selections are allowed.</i></li> <li>I do not want to.</li> <li>I do not have a work permit.</li> <li>I have sufficient funds at my disposal.</li> <li>My studies do not allow me the time to do that.</li> <li>I have not yet found anything that suits me.</li> <li>I am worried that that would make me take long</li> </ul>	-			rrent ser	nester?		C
<ul> <li>I do not have a work permit.</li> <li>I have sufficient funds at my disposal.</li> <li>My studies do not allow me the time to do that.</li> <li>I have not yet found anything that suits me.</li> <li>I am worried that that would make me take long</li> </ul>	er to finisł	n my studie	es.				Α
<ul> <li>What is/are the reason(s) why you are not working <i>Multiple selections are allowed.</i></li> <li>I do not want to.</li> <li>I do not have a work permit.</li> <li>I have sufficient funds at my disposal.</li> <li>My studies do not allow me the time to do that.</li> <li>I have not yet found anything that suits me.</li> <li>I am worried that that would make me take long</li> <li>Other reasons, namely:</li></ul>	er to finisł	n my studie	es.			paid work Filter: no paid work; wish paid	Α
What is/are the reason(s) why you are not working Multiple selections are allowed. I do not want to. I do not have a work permit. I have sufficient funds at my disposal. My studies do not allow me the time to do that. I have not yet found anything that suits me. I am worried that that would make me take long Other reasons, namely: ceasons for employment To what extent do the statements below apply to be because it would be necessary for me to earn	er to finish <b>you? I w</b> Not at	n my studie <b>vould like</b> To a small	es. <b>to work</b> Par-	during n To some	<b>ny stud-</b> To a great	paid work Filter: no paid work; wish paid work Source:	F
What is/are the reason(s) why you are not working <i>Multiple selections are allowed</i> . I do not want to. I do not have a work permit. I have sufficient funds at my disposal. My studies do not allow me the time to do that. I have not yet found anything that suits me. I am worried that that would make me take long Other reasons, namely:	er to finish <b>you? I w</b> Not at all	n my studie rould like To a small extent	es. <b>to work</b> Par- tially	during n To some extent	<b>T</b> o a great extent	paid work Filter: no paid work; wish paid work Source:	F
What is/are the reason(s) why you are not working Multiple selections are allowed. I do not want to. I do not have a work permit. I have sufficient funds at my disposal. My studies do not allow me the time to do that. I have not yet found anything that suits me. I am worried that that would make me take long Other reasons, namely: Reasons for employment To what extent do the statements below apply to es because it would be necessary for me to earn a living.	er to finish <b>you? I w</b> Not at all	rould like To a small extent	es. to work Par- tially	during n To some extent	ny stud- To a great extent	paid work Filter: no paid work; wish paid work Source:	ρ

in order to build contacts for future employ- ment.	0	0	0	0	0		
in order to be financially independent from my parents.	0	0	0	0	0		
because I have to help provide for others (partner/child(ren)).	0	0	0	0	0		
to make sure I will find employment later on, irrespective of whether or not I finish my studies.	0	0	0	0	0		
in order to conduct my final thesis project at a relevant company.	0	0	0	0	0		
in order to prepare for my future work as a teacher. (Bachelor with a teaching option)	0	0	0	0	0		
Substitute teacher in schools: plans						Filter:	С
<ul> <li>Do you plan to apply for a position as a substituties?</li> <li>I have already applied.</li> <li>Yes, definitely.</li> <li>I am considering it.</li> <li>Probably not.</li> <li>Definitely not.</li> <li>I have no opinion.</li> </ul>	te teach	er during t	the cours	se of you	ur stud-	Teaching option and not substi- tute teacher in schools	
Application for a grant							A
Have you ever applied or been nominated for a g	grant?						
<ul><li>Yes</li><li>No</li></ul>	-						
Grants received						Filter: grant application	A
Have you received one/multiple grant(s)?							
<ul> <li>Yes</li> <li>No</li> <li>Decision still pending</li> </ul>							
Financing of studies							A B
How do you finance your living expenses this se	emester	?					
Living expenses include, in particular, costs for food products, household goods, heating and personal ne you live with your parents (in that case, your parents Multiple selections are allowed.	eeds for	everyday li	ife. Pleas	e also re			
<ul> <li>Allowances from your parents</li> <li>Child benefits for yourself (unless included in the Allowances from your partner</li> <li>Allowances from other relatives (e.g. grandpare</li> <li>Own earnings from study-related work</li> <li>Own earnings from work outside your training conduct of the study of the stud</li></ul>	ents, sibli ompany/	ngs) or friei ⁄your educa	nds				
						:	

<ul> <li>Child benefits for your own child(ren)</li> <li>BAföG-based training assistance</li> <li>Bildungskredit educational loan (application with the Federal Office of Administration, paid out by the KfW promotional bank)</li> <li>Studienkredit student loan from the KfW promotional bank</li> <li>Loans for financing your studies from another bank/savings bank</li> <li>Orphan's allowance or pension</li> <li>Grant (if received)</li> <li>Other source(s) of funding, namely:</li> </ul>		
<ul> <li>Main source of funding</li> <li>What is your main income used to finance your living expenses?</li> <li>Allowances from your parents</li> <li>Child benefits for yourself (unless included in the allowance from your parents)</li> <li>Allowances from your partner</li> <li>Allowances from other relatives (e.g. grandparents, siblings) or friends</li> <li>Own earnings from study-related work</li> <li>Own earnings from work outside your training company/your education institution</li> <li>Own funds that you acquired/saved up before your studies</li> <li>Child benefits for your own child(ren)</li> <li>BAföG-based training assistance</li> <li>Bildungskredit educational loan (application with the Federal Office of Administration, paid out by the KfW promotional bank)</li> <li>Studienkredit student loan from the KfW promotional bank</li> <li>Loans for financing your studies from another bank/savings bank</li> <li>Orphan's allowance or pension</li> <li>Grant</li> <li>Other: #Placeholder#</li> </ul>	(if not named, the answer op- tion is hid- den)	C
Financial resources          On average, how much money do you have at your disposal per month during the winter semester 2023/24?         Please only include the amounts received as remuneration for work, allowances from your parents, BAföG or other grants, loans, etc. that you actually have at your free disposal. If you also finance your living expenses through income at irregular intervals (e.g. earnings from work during holidays) or money that you received earlier (savings, assets), please specify only the amount that you use per month on average.         9999 = not specified; 9998 = don't know         Average money available per month: € per month	Source: SiD 2021	C
<ul> <li>Financial resources - categorised</li> <li>It would be helpful if you could at least roughly assign the financial resources at your disposal per month to one of the categories below.</li> <li>Up to €500</li> <li>€501-700</li> <li>€701-900</li> <li>€901-1,100</li> <li>€1,101-1,300</li> <li>More than €1,300</li> </ul>	Filter: missing value un- der income	C

Required financial resources	4. •						
How much money do you currently need per me         Up to €500         €501-600         €601-700         €701-800         €801-900         €901-1,000         €1,001-1,100         €1,201-1,300         More than €1,300	onth in or	der to get	by finar	ncially?			
Financial situation						Sources:	
To what extent do the statements below apply t	to you and	l your fina	incial sit	uation?		SiD 2021; R+V Info-	
	Not at all	To a small extent	Par- tially	To some extent	To a great extent	center 2022 Items ran-	
The financing of my living expenses during my studies is ensured.	0	0	0	0	0	domised	
I am currently experiencing financial difficulties.	0	0	0	0	0		
All in all, I can manage with the money I have.	0	0	0	0	0		
I am worried that my living expenses will rise significantly.	0	0	0	0	0		
I am worried that the government will increase tax rates or cut benefits for the long term.	0	0	0	0	0		
I am worried that I will have to quit my studies due to my financial situation.	0	0	0	0	0		
I am worried about what my financial situation will be like in three years' time.	0	0	0	0	0		
Reasons for financial difficulties Please give reasons why you are currently expe	eriencina	financial d	difficulti	es.		Filter: cur- rently fi- nancial dif-	
	C C					ficulties to some/great extent	
Further comments Do you have any further comments on your fina	ancial citu	ation/fina	ncina v	our etudi	nc?		
	uncial Silu			Jui stuur			
Future prospects							
The following questions concern your assessment	of your pro	nenacte in :	the ich n	narket and	dvour		

	ospects in the w would you		spects of gra	duates of your pro	ogramme in	the job market?	Filter: Bachelor	A
	Poor	Rather poor	Partially	Rather good	Good	l could not say.		
	0	0	0	0	0	0		
Wł 0 0 0	Taking up m Starting a ca No plans ye	plans for after the naster's studies in areer immediately	nmediately	of your current d	egree progr	amme?	Filter: Bachelor	A B
0	Other, name	ely:						
Wh 0 0 0	At the Unive At another u	<b>plan to take up y</b> ersity of Duisburg- university in the R university outside	Essen uhr Area				Filter: tak- ing up master's studies	A B
Th				education and worl n.	k experience	before taking up		
Tvi	pe of qualific	ation						A
	-	niversity entrand	e qualificatio	n do you have?				
	Abitur/gener Subject-spe Specialised plines Aptitude tes Other Germ	ral higher educati cific university en variant ( <i>Fachgeb</i>	on entrance qu trance qualific undende Hoch ance qualificat	ualification ation <i>ischulreife</i> ) allowin tion	g admission t	to particular disci-		
Ed	ucational pat	:h						A B
			otain your uni	versity entrance o	qualification	?		
	Vocational t Abitur throug Abitur obtain Fachgymna Vocational o Apprentices	ule including univ raining including gh evening class ned through a cou sium offering gen	Abitur universi es urse at a Volks eral education training	tion equivalent to g ty entrance qualific hochschule adult c in combination wit	ation			

Place where the university entrance qualification Where did you obtain your university entrance							A B
<ul> <li>In Germany</li> <li>Please enter the relevant licence plate code:</li> <li>In another country</li> </ul>							
Grade of the university entrance qualification							A B
What was the average grade of the certificate we entrance qualification?	vith which	n you wer	e awarde	ed your ι	university		С
If your qualification was obtained in another countr German number format; e.g. 2,3).	y, please	enter the	grade as	recognis	ed (in		
Situation before studying							A
What did you do between obtaining your univers studies you currently pursue?	sity entrar	nce qualif	ication a	nd taking	; up the		
Multiple selections are allowed.							
<ul> <li>Applied for a study place immediately after obt</li> <li>Work experience placement</li> <li>Pursued a professional career (full time)</li> <li>Took on casual jobs</li> <li>Military/community service</li> <li>Voluntary work in social/ecological/cultural org</li> <li>Spent time abroad</li> <li>Completed vocational training</li> <li>Started vocational training without completing</li> <li>Took time to start a family</li> <li>Took a language course</li> <li>Took some time off</li> <li>Other, namely:</li> </ul>	anisations			·	ation		
Vocational qualification							В
Did you complete a vocational training program	nme befo	re taking	up your	studies?	•		
<ul><li>Yes</li><li>No</li></ul>							
Confidence with decisions						(display criteria)	A
How confident are you currently about your de	cision					ontonia)	
	Not at all con- fident	Rather not confi- dent	Unde- cided	Some- what confi- dent	Ex- tremely confi- dent		
to study?	0	0	0	0	0		
to study your chosen degree programme?	0	0	0	0	0		
to study the subjects you selected? (only dual-subject)	0	0	0	0	0		

to study at the University of Duisburg-Essen?	0	0	0	0	0		
Preparedness for studies						Items ran- domised	A
To what extent do the statements below apply to eral?	o you wit	th regard	to your :	studies in	gen-		
	Fully disa- gree	Rather disa- gree	Par- tially	Rather agree	Fully agree		
It is very important to me to achieve a good re- sult in my degree.	0	0	0	0	0		
What matters to me is that I am able to complete my studies as quickly as possible.	0	0	0	0	0		
I am sufficiently familiar with the methods re- quired for my studies (proper citation, writing es- says, planning experiments, etc.).	0	0	0	0	0		
My knowledge and skills are sufficient to keep up with the content taught without many prob- lems.	0	0	0	0	0		
All in all, I feel well prepared for my further stud- ies.	0	0	0	0	0		
The following questions refer to the course of your s Student satisfaction						Source: Dahm,	A B
To what extent do the statements below apply to	o your cu	urrent stu	dies?			Lauterbach & Hahn	
	Not at all	To a small extent	Parti- ally	To some extent	To a great extent	2016 Abbrevia-	
I am currently content with my personal study situation. (S)	0	0	0	0	0	tions: S: general	
My interest in my studies has lessened over time. $(\ensuremath{\mathbb{S}})$	0	0	0	0	0	student satisfaction L: Aca-	
I am content with my level of achievement so far. $(\ensuremath{\mathbb{S}})$	0	0	0	0	0	demic achieve-	
My performance in my studies is better than I originally expected. (L)	0	0	0	0	0	ment	
I am satisfied with my performance in my stud- ies. (Repetition) (L)	0	0	0	0	0		
My expectations and ambitions in terms of performance in my studies have been completely fulfilled. $(L)$	0	0	0	0	0		
Difficulties in the course of studies							Α

Looking at the course of your studies to date, to what extent have there been difficulties with regard to the aspects listed below?

	N	lot at	To a small extent	Parti- ally	To some exten	0		
Settling into an academic environment		•	0	0	0	0		
Forming learning and working groups		•	0	0	0	0		
Getting into contact with fellow students		•	0	0	0	0		
Communicating with teaching staff		0	0	0	0	0		
Competition among students		•	0	0	0	0		
Falling behind in studies								
Have you fallen behind in your studies ba chart?	ased on th	e timefra	ime pla	anned i	in the co	ourse flow		
<ul> <li>No, I am faster than intended.</li> <li>No, I am in line with the course flow chan</li> <li>Yes, I am about one semester behind.</li> <li>Yes, I am about two or three semesters</li> <li>Yes, I am more than three semesters be</li> <li><i>I could not say.</i></li> </ul>	behind.							
Reasons for falling behind (1)							Filter: fall- ing behind	
To what extent do the reasons below con pared to the timeframe planned in the co			ing beł	hind in	your stu	udies com-	1	
To what extent do the reasons below con pared to the timeframe planned in the co			-		<b>your stu</b> To some extent	To a great ex- tent		
	urse flow o	<b>chart?</b> To a small ex	- Parl		To some	To a great ex-		
Poor coordination of classes offered (timetable clashes, too few classes of- fered and/or classes not offered fre-	urse flow o	<b>chart?</b> To a small ex tent	- Parl	tially	To some extent	To a great ex- tent		
Poor coordination of classes offered (timetable clashes, too few classes of- fered and/or classes not offered fre- quently enough, etc.) Put off mandatory classes to later semes- ters as they were too difficult/had too	Not at all	chart? To a small ex tent	- Parl	tially	To some extent	To a great ex- tent		
Poor coordination of classes offered (timetable clashes, too few classes of- fered and/or classes not offered fre- quently enough, etc.) Put off mandatory classes to later semes- ters as they were too difficult/had too much content Voluntary attendance of additional clas- ses outside the curriculum (classes from	Not at all	chart? To a small ex tent	- Parl	tially	To some extent	To a great ex- tent		
Poor coordination of classes offered (timetable clashes, too few classes of- fered and/or classes not offered fre- quently enough, etc.) Put off mandatory classes to later semes- ters as they were too difficult/had too much content Voluntary attendance of additional clas- ses outside the curriculum (classes from other subjects, language courses, etc.) Chose to take more time for studies to make room for other areas of life that are	Not at all	chart? To a small ex tent	- Part ( (	tially C C	To some extent	To a great ex-tent		
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#### Reasons for falling behind (2)

### To what extent do the reasons below contribute to your falling behind in your studies compared to the timeframe planned in the course flow chart?

	Not at all	To a small ex- tent	Partially	To some extent	To a great ex- tent	
Other responsibilities beside my studies (work, children, etc.)	0	0	0	0	0	
Issues with my own organisation of my studies	0	0	0	0	0	
Had to make up a lack of basic knowledge and skills	0	0	0	0	0	
Undertook one or more voluntary work placement(s)	0	0	0	0	0	
Difficulties with the mathematics compo- nents of my studies	0	0	0	0	0	
Difficulties with the language require- ments of my studies (German)	0	0	0	0	0	
Difficulties with the language require- ments of my studies (other language(s))	0	0	0	0	0	
Failed (partial) examination(s)	0	0	0	0	0	
Involvement in bodies of academic self- governance at my university	0	0	0	0	0	
Socio-political activities outside of my studies	0	0	0	0	0	
<ul> <li>Taking longer than the standard period of Reflecting upon your studies to date, do cordance with the standard period of stusemesters for examinations and practical of the semesters for examinations and practical experience).</li> <li>No, I will complete my studies within the aminations and practical experience).</li> <li>No, I will need about one semester long</li> <li>No, I will need about two or three semester</li> <li>No, I will need more than three semester</li> <li>I could not say.</li> </ul>	you think dy defined al experience e standard er. sters longer	for your s ce)? period of st	study prog	gramme (ir	ncluding	A
Change of subjects studied						A
Have you ever changed the subject or th	e subjects	you study	?			
<ul><li>Yes</li><li>No</li></ul>						
Wish to change the subject studied Have your ever thought about changing	the <u>subjec</u>	<u>t</u> you curre	ently stud	y?		A

Filter: falling behind

А

D No								
Reasons for changing subjects							Filter: wish to change	
Fo what extent did the reasons listed be subject that you currently study?	low contrik	oute to	you cor	nsiderin	g changir	ng the	the subject studied	
	N	ot at all	To a small extent	Par- tially	To some extent	To a great extent		
False expectations about the subject(s)		0	0	0	0	0		
Was waiting for a place in my desired pro- gramme		0	0	0	0	0		
Dissatisfaction with the conditions of study	/	0	0	0	0	0		
Dissatisfaction with the quality of the class fered		0	0	0	0	0		
Subject(s) not challenging enough		0	0	0	0	0		
Subject(s) too challenging		0	0	0	0	0		
Intention of changing universities		0	0	0	0	0		
Lack of prospects in the job market for my ject(s)	′ sub-	0	0	0	0	0		
Lessened interest in the subject				~				- 1
houghts of withdrawing from studies	ng up you	• currer	⊃ nt studie	⊙ ∋s?	0	0		
<ul> <li>houghts of withdrawing from studies</li> <li>lave you ever seriously considered givi</li> <li>Yes, frequently.</li> <li>Yes, sometimes.</li> <li>No</li> </ul>	n studies	<sup>.</sup> currer	nt studie	es?			Filter: thoughts of	
<ul> <li>houghts of withdrawing from studies</li> <li>lave you ever seriously considered givi</li> <li>Yes, frequently.</li> <li>Yes, sometimes.</li> <li>No</li> </ul>	n studies	<sup>.</sup> currer	nt studie	es?			thoughts of withdraw- ing from	
<ul> <li>houghts of withdrawing from studies</li> <li>lave you ever seriously considered givi</li> <li>Yes, frequently.</li> <li>Yes, sometimes.</li> <li>No</li> </ul>	n studies	<sup>.</sup> currer	nt studie you cor a ex- Pa	es?			thoughts of withdraw-	
houghts of withdrawing from studies lave you ever seriously considered givi ) Yes, frequently. ) Yes, sometimes. ) No ceasons for considering withdrawing from to what extent did the reasons listed be urrent studies? Dissatisfaction with the quality of the	n studies Iow contrik	oute to	nt studie you cor a ex- Pa	es?	<b>g giving u</b> To some	J <b>p your</b> To a great ex-	thoughts of withdraw- ing from	
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<ul> <li>choughts of withdrawing from studies</li> <li>lave you ever seriously considered giving</li> <li>Yes, frequently.</li> <li>Yes, sometimes.</li> <li>No</li> </ul> Reasons for considering withdrawing from the reasons listed be current studies? Dissatisfaction with the quality of the classes offered Dissatisfaction with the conditions of study	n studies Iow contrik Not at all	oute to	nt studie you cor a ex- Pa	es? nsiderin artially	g giving u To some extent	Jp your To a great ex- tent	thoughts of withdraw- ing from	
<ul> <li>choughts of withdrawing from studies</li> <li>lave you ever seriously considered giving</li> <li>Yes, frequently.</li> <li>Yes, sometimes.</li> <li>No</li> </ul> Reasons for considering withdrawing from the reasons listed be surrent studies? Dissatisfaction with the quality of the classes offered Dissatisfaction with the conditions of study Subject(s) not challenging enough	n studies low contrik Not at all	oute to To a small ten	nt studie you cor a ex- Pa	es?	g giving u To some extent	Jp your To a great ex- tent	thoughts of withdraw- ing from	
<ul> <li>houghts of withdrawing from studies</li> <li>lave you ever seriously considered givi</li> <li>Yes, frequently.</li> <li>Yes, sometimes.</li> </ul>	n studies low contrik Not at all O	oute to To a small ten	nt studie you cor a ex- Pa	es?	g giving u To some extent	Jp your To a great ex- tent	thoughts of withdraw- ing from	

to the diversity of its members and sees this diversity as an enrichment. I experience that people in my study environment, e.g. my fellow students and lecturers, share this view. (Intention) "In my direct study environment, students are supported and fostered with their diversity char- acteristics <sup>4</sup> in mind." I agree with this statement (Process) "In my direct study environment, nobody is treated unfairly because of their diversity charac- teristic <sup>4</sup> ." I agree with this statement (Practice) Appreciation Climate To what extent do you agree with the following statements? In my perseption Fully Rather Par Rather Fully	c
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to the diversity of its members and sees this di- versity as an enrichment. I experience that peo- ple in my study environment, e.g. my fellow stu-	
The University of Duisburg-Essen is committed	
Fully Rather Par- Rather Fully disa- disa- tially agree agree gree gree	
If you have not been at the university that long, please only rate the period of your affiliation.	
To what extent do the following statements match your perception over the last 12 Unger 2023	
Diversity Climate Source	
Before we conclude with the socio-demographic characteristics, we would now like to use two questions to take a closer look at your perception of the general approach to diversity and the feedback culture at the University of Duisburg-Essen.	
Diversity Climate	
Desire to work/pursue practical activities • • • • • • • •	
Doubts about the purpose of studying O O O O O	
Lessened interest in studying O O O O O	
False expectations about studying   O   O   O   O	

<sup>&</sup>lt;sup>4</sup> e.g., age, gender, skin color, health, life and family models, ethnical, national, social or economic background, gender identities or sexual orientation.

… the feedback culture between students and lecturers at the University of Duisburg-Essen is constructive.	0	0	0	0	0		
conflictual situations between students and teaching staff at the University of Duisburg-Essen are resolved respectfully.	0	0	0	0	0		
Socio-demographic information							
In the following, we would like to ask you a few ques	tions abc	out yourse	elf.				
Gender							A B
Please specify your gender.							
<ul> <li>Female</li> <li>Male</li> <li>Other</li> <li>I do not wish to be categorised.</li> </ul>							
Age							A B
Please specify your age.							
<i>- Please select</i> Younger than 17 17							
 35 Older than 35							
Relocation for studies							A B
Did you move for your studies?							
<ul><li>Yes</li><li>No</li></ul>							
Residence during studies							A B
Where do you live during the lecture period?							
Please specify the relevant licence plate code:							
Living situation (1)						Source: SiD 2021	в
What is your main living situation during the lect	ure perio	od of the	current	semeste	r?	51D 202 1	
If you mainly live with your parents or other family m your parents or other family members/friends.	embers,	please sta	ate the liv	ing situai	tion of		
<ul> <li>In a flat, a room or a house</li> <li>that is rented (including shared accommodation)</li> <li>that is sublet</li> <li>that is (co-)owned</li> </ul>							
In a student residence hall in a single room (shared floor)							

<ul> <li>in a single room (shared flat)</li> <li>in a studio flat</li> </ul>		
<ul> <li>in a studio flat</li> <li>in a flat with multiple rooms (for couples or students with children)</li> </ul>		
Living cituation (2)	Source: SiD 2021	
Multiple selections are allowed.		
<ul> <li>I live</li> <li> alone. (exclusive)</li> <li> in shared accommodation with flatmates/housemates.</li> <li> with my parents (or one parent).</li> <li> with my spouse/partner.</li> <li> with my child/children.</li> <li> with other family members.</li> <li> with other people.</li> </ul>		
Father's highest vocational qualification		
What is your father's highest vocational qualification?		
Please select an equivalent German qualification for qualifications obtained abroad.		
<ul> <li>Doctorate</li> <li>University/academy of fine art degree (including teacher training)</li> <li>Degree from a university of applied sciences</li> <li>Completed course at a specialist, trade, technical or professional college or a healthcare</li> </ul>		
<ul> <li>school</li> <li>Completed apprenticeship or graduation from any type of vocational or further training college</li> <li>Other vocational qualification</li> <li>Has not completed any vocational qualification</li> <li>I do not know.</li> </ul>		
Mother's highest vocational qualification		
What is your mother's highest vocational qualification?		
Please select an equivalent German qualification for qualifications obtained abroad.		
<ul> <li>Doctorate</li> <li>University/academy of fine art degree (including teacher training)</li> <li>Degree from a university of applied sciences</li> <li>Completed course at a specialist, trade, technical or professional college or a healthcare school</li> <li>Completed apprenticeship or graduation from any type of vocational or further training college</li> <li>Other vocational qualification</li> <li>Has not completed any vocational qualification</li> <li>I do not know.</li> </ul>		
Immigration background		/
To what extent do the statements below apply to you and your parents?		
Applies apply know.		
(Also) holds a citizenship other than German Myself		

My mother My father		-				
Acquired German citizenship through natu Myself My mother My father	ıralisation.⁵	C				
Belongs to the group of ethnic German re Myself My mother My father	patriates. <sup>6</sup>	C	] ] ]			
Citizenship						A B
What citizenship do you hold?						
<ul> <li>German citizenship only</li> <li>Another or multiple other non-German</li> <li>German and another citizenship</li> </ul>	ı citizenship(s)					
Country of birth						A B
In which country were you born?						
<ul><li>In Germany</li><li>In another country</li></ul>						
Linguistic environment						A
What languages are spoken in your imp family/relatives in Germany or with you						
	Exclusively or predominantly German	Both Ge and (an) languag	erman Jother	Exclusively dominar (an)other guage(s) tha man	itly lan-	
Family/relatives in Germany	•	C	)	0		
Friends/acquaintances	0	C		0		
Assessment of language proficiency						A
How would you assess your German la	nguage skills in	the follow	wing field	ls?		
	Very poor	Rather poor	Partially	Rather good	Very good	
Grammar and orthography skills	0	0	0	0	0	
Composing academic texts/papers	0	0	0	0	0	

<sup>&</sup>lt;sup>5</sup> 'Naturalisation' means that foreign nationals acquire German citizenship upon submitting an application to the responsible immigration authority.

<sup>&</sup>lt;sup>6</sup> According to Section 4 of the Federal Expellees Act (*Bundesvertriebenengesetz*; BVFG), 'ethnic German repatriates' (*Spätaussiedler*) are ethnic Germans who suffered the consequences of the war, left the emigration regions specified in the BVFG (in particular, the republics of the former Soviet Union, but also a number of other countries) after 31 December 1992 in the framework of an admission procedure and established their permanent residence in the Federal Republic of Germany within six months. Individuals who immigrated on the basis of the BVFG before the end of 1992 are referred to as '*Aussiedler*' (repatriates). In addition, individuals born after 31 December 1992 can no longer be considered 'ethnic German repatriates'.

0	0	0	0	0		
0	0	0	0	0		
						A B
e from the	aroups li	sted bel	ow?			
	3					
ı. e for family	members					
					(Display criteria)	A B
npletes th	ne stateme	ent.			,	
Badly	Rather badly	Par- tially	Rather well	Well		
0	0	0	0	0		
О	O	0	0	0		
						A B
					Filter: chronic ill-	A B
t below?						
Not at all	To a small extent	Par- tially	To some extent	To a great extent		
0	0	0	0	0		
ernational	experienc	e if you h	nave spen	t time		
						A
	e from the a for family mpletes th Badly D t below? Not at all O	e from the groups li a for family members npletes the stateme Badly Rather badly O O O O O O O O O O O O O	e from the groups listed bel  a. be for family members.  mpletes the statement. Badly Rather Par- badly Caller Cal	e from the groups listed below? he for family members. mpletes the statement. Badly Rather badly tially Rether badly 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e from the groups listed below?	o       o       o       o       o         o       o       o       o       o       o         o       o       o       o       o       o       o         o       o       o       o       o       o       o       o         o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o       o

<ul> <li>Yes, I have already completed a study-ingramme.</li> <li>Yes, I am planning to complete a study-ingramme.</li> <li>No, I am not interested in going abroad</li> <li>No, I do not see how I could make this with a log of the study of</li></ul>	related p	period abro	oad durii	ng my cur		•		
Opportunities for study-related periods abr To what extent to you agree with the state		elow with	n regard	l to the or	oportuni	ties for	(Display criteria)	Α
study-related periods abroad?	Fully disa- gree	Rather disa- gree	Par- tially	Rather agree	Fully agree	l do not know.		
I am convinced that a study-related period abroad will help me start my career.	0	0	0	0	0	0		
The course flow chart for my study pro- gramme provides at least one window of time where I could spend a study-related period abroad.	0	О	0	0	0	0		
I think I would be able to get assistance with the planning of a study-related period abroad from my faculty/department. (nein)	0	0	0	0	0	0		
I have received/am receiving assistance with the planning of a study-related period abroad within my study programme. (ja)	0	0	0	0	0	0		
I have the impression that credits earned abroad are recognised by the University of Duisburg-Essen. (nein)	0	0	0	0	0	0		
The credits I earned abroad were recog- nised by the University of Duisburg-Es- sen. (ja)	0	0	0	0	О	О		
Support services for periods abroad Do you see any opportunities for improvir available at your faculty/in your departme		upport fo	r study-	related pe	eriods al	oroad	Filter: as- sistance fully/rather disagree	A
<ul> <li>Yes, namely:</li> <li>No</li> </ul>								
Social engagement In which groups or organisations are you	regularl	y actively	, involve	ed?				A
Multiple selections are allowed.								
<ul> <li>Multiple selections are allowed.</li> <li>Political activities at UDE/student represe General Student Committee, Senate, Fac</li> <li>Student initiatives (e.g. IFN e.V., Arbeiter</li> </ul>	ulty Cou	ncil)	tmental	student o	rganisati	on, AStA		

<ul> <li>Cultural activities (e.g. theatre, music, orchestra groups)</li> <li>Involvement in citizens' initiatives</li> <li>Involvement in political parties</li> <li>Involvement in environmental, nature or animal welfare organisations</li> <li>Social work (e.g. youth work, welfare, fire brigade, Red Cross, THW disaster relief, refugee support)</li> <li>Work in the healthcare sector (e.g. nursing, self-help groups)</li> <li>Trainer/instructor in a sports club</li> <li>Work in churches or other religious communities</li> <li>Other, namely:</li> <li>None (exclusive)</li> </ul>		
<ul> <li>Future social engagement</li> <li>Could you imagine engaging in one of these fields during your studies in future?</li> <li>Multiple selections are allowed.</li> <li>None (exclusive)</li> <li>Political activities at UDE/student representation (e.g. departmental student organisation, AStA General Student Committee, Senate, Faculty Council)</li> <li>Student initiatives (e.g. IFN e.V., Arbeiterkind.de, act e.V.)</li> <li>Cultural activities (e.g. theatre, music, orchestra groups)</li> <li>Involvement in citizens' initiatives</li> <li>Involvement in political parties</li> <li>Involvement in environmental, nature or animal welfare organisations</li> <li>Social work (e.g. youth work, welfare, fire brigade, Red Cross, THW disaster relief, refugee support)</li> <li>Work in the healthcare sector (e.g. nursing, self-help groups)</li> <li>Trainer/instructor in a sports club</li> <li>Work in churches or other religious communities</li> <li>Other, namely:</li></ul>	Filter: no social en- gagament	A
Comments If you have any suggestions and/or comments regarding the survey, you can leave them here:		A B
End of the survey You have reached the end of the survey. If you do not wish to participate in our prize draw, you can now close this page. As a token of our appreciation for your participation in this survey, you have a chance to win a physical prize or a gift card. All participants have a chance to win one of 1 x Apple MacBook Air, 2 x Dell Tablet, 3 x Apple AirPods and 4 x 1TB external hard drive. If you would like to participate in the prize draw, we need your email address so that we may contact you if you win. For reasons of data protection, we will request your email address in a separate survey. Your email address will exclusively be used for the purpose of the prize draw and deleted afterwards. If you would like to participate in the prize draw, please click here. (linked)		

# Literaturliste

Beierlein, C., A. Kovaleva, C.J. Kemper, B. Rammstedt, 2012: Ein Messinstrument zur Erfassung subjektiver Kompetenzerwartungen. Allgemeine Selbstwirksamkeit Kurzskala (ASKU). (<u>https://www.ssoar.info/ssoar/han-dle/document/29235</u>)

Centeno Gracia, A., 2019: Das Seminar als Denkschule. Eine diskursbasierte Didaktik für die Hochschule. UTB, Stuttgart.

Dahm, G., Lauterbach, O. & Hahn, S., 2016: Measuring Students' Social and Academic Integration – Assessment of the Operationalization in the Nation Educational Panel Study. In H.-P. Blossfeld, J. von Maurice, M. Bayer & J. Skopek (Hrsg.), Methodical Issues of Longitudinal Surveys. The Example of the National Education Panel Study. Springer VS, Wiesbaden, 313-329 (<u>https://doi.org/10.1007/978-3-658-11994-2\_18</u>).

Die Studierendenbefragung in Deutschland (SiD), 2021: Befragungsaufbau und Befragungsmodule.

Hoffmann, N., Grünebaum, H., Kaib, A. & Kamps, S., 2023: Fragebogen zur bundesweiten Studierendenbefragung: Schreiben mit KI (https://www.starkerstart.uni-frankfurt.de/140191787.pdf)

Jahn, D., 2019: Verantwortung für das eigene Denken und Handeln übernehmen: Impulse zur Förderung von kritischem Denken in der Lehre. In D. Jahn, A. Kenner, D. Kergel & B. Heidkamp-Kergel (Hrsg.), Kritische Hochschullehre. Impulse für eine innovative Lehr- und Lernkultur, Springer VS, Wiesbaden, 19-46 (<u>https://doi.org/10.1007/978-3-658-25740-8\_2</u>).

Jerusalem, M. & Schwarzer, R., 2002: SWE. Skala zur Allgemeinen Selbstwirksamkeitserwartung. In E. Brähler, J. Schumacher & B. Strauß (Hrsg.), Diagnostische Verfahren in der Psychotherapie Diagnostik für Klinik und Praxis, Band 1. Göttingen: Hogrefe.

Postmes, T., Haslam, S.A. & Jans, L., 2013: A single-item measure of social identification: Reliability, validity, and utility. British Journal of Psychology 52(4), 597-617 (<u>https://doi.org/10.1111/bjso.12006</u>).

R+V Infocenter, 2022: Die Ängste der Deutschen 2022. Untersuchungsmethode der Studie. https://www.ruv.de/dam/jcr:f5002b69-96a6-4a7b-b3a5-5bd0c789b27b/ruv-aengste-untersuchungsmethode.pdf

Reusser, K., 2005: Problemorientiertes Lernen – Tiefenstruktur, Gestaltungsformen, Wirkung. Beiträge zur Lehrerbildung 23 (2), 159-182.

TU Dresden, 2023. Fragebogen zur Lehrendenbefragung 2021. <u>https://tu-dres-</u> den.de/zga/ressourcen/dateien/ga/LB/Musterfragebogen\_LB\_2023\_de.pdf?lang=de\_

Turner, M., S. Holdsworth & C.M. Scott-Young, 2016: Resilience at University: the development and testing of a new measure. Higher Education Research & Development 36(2). (<u>https://doi.org/10.1080/07294360.2016.1185398</u>)

Simmons, D.R., A.D. Chau & M. Turner, 2022: Validating Resilience at University Scale with Future Civil Engineering and Construction Professionals. Journal of Management in Engineering 38(5). (<u>https://doi.org/10.1061/(ASCE)ME.1943-5479.0001073</u>)