Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

MASTER DATA SCIENCE AND ARTIFICIAL INTELLIGENCE APPLICATION COVER FORM 2025

INSTRUCTIONS (READ THIS FIRST!)

- This is a PDF form. Please fill it using a PDF viewer **by typing your information into the respective fields**. Do not print the form. Do not use a stylus to write on the PDF form.
- After filling the form, make sure to save it in PDF format **preserving the editable fields**. After saving and before uploading, open the form with a PDF viewer and make sure everything is readable and has been saved properly.
- This cover form includes three parts:
    1. Summary of application information (Table A), along with conversion of your final grade to the German scale(Table B), and credit conversion (Table C).
    2. Standardized list of courses you took to show you fulfill the minimum requirements (Tables D and E).
    3. Standardized list of elective modules, internships and other experience that could count towards admission criterion 3 (Table F).
- Some fields in this form will be filled in automatically. These fields are clearly marked. **Please do not edit these fields**.
- "Reference" fields: Please point us to a document (included in your application) supporting the information provided (for example "Transcript of Records, page 4" or "Degree description, page 2").
- You can use the "Comments" fields to elaborate or explain inconsistencies.
- **See also the notes below each table**.
- For further information regarding the program, the application process, minimum requirements and admission, please visit our website.
- In case of technical problems with this form or other questions, you can contact us at dsai-info.inf@uni-hamburg.de.

TABLE A: GENERAL INFORMATION

First name	
Last name	
Application number	BW-
Title of your Bachelor's degree	
University (name and country)	
Have you completed your Bachelor's degree?	
Proof of English language proficiency (type of certificate)	**Score (if applicable)**
Comments	

Note: the information in Table A must be identical to the information entered into the STiNE application portal.

TABLE B: GRADE CONVERSION

Final grade of your Bachelor's degree (in numbers)		**Reference →**	
The best possible final grade		**Reference →**	
The minimum passing final grade		**Reference →**	
Grade converted to German scale (*automatic*)			
Comments			

Notes: the information in Table B pertains to the final grade of your Bachelor's degree and to the grading scale of the university that awarded your Bachelor's degree. If you have multiple Bachelor's degrees, enter the grade of the degree most likely to fulfill the minimum requirements for the DSAI program. If your university does not use numerical grades, please convert your grade and the grading scales into numbers and briefly explain how you did so in the comments.

Please provide a reference for your final grade and best/minimum grades. These can appear on your transcript or degree description, for example. If you have a seperate official letter from your university with this information, you can include it in the additional documents.

TABLE C: CONVERSION TO ECTS CREDITS

☐ **My university uses ECTS credits. (*In this case please leave the table blank).*

My university provides an official way to convert credits to **ECTS**		**Reference →**	
Describe the conversion method you use in the following tables to convert from your university's credits to ECTS			
Comments			

TABLE D: COMPUTER SCIENCE COURSES (60 ECTS REQUIRED)

Course name[1]	Description [2]	Local credits [3]	ECTS credits [4]	Ref.[5]	Comments
CS101 Introduction to Computers	How computers work, different processor architectures, history of computer science	2	4	2	This row is just an example.

Course name[1]	Description [2]	Local credits [3]	ECTS credits [4]	Ref.[5]	Comments
		Total Computer Science ECTS (*automatic*)			

TABLE E: MATHEMATICS COURSES (24 ECTS REQUIRED, 6 ECTS REQUIRED IN STOCHASTICS)

Course name[1]	Description [2]	Local credits [3]	ECTS credits [4]	ECTS Stoch. [6]	Ref.[5]	Comments
MAT245 Differential Equations	Ordinary differential equations, ODE systems and how to solve them	3	6	0	3	This row is just an example.
	Total Mathematics ECTS (*automatic*)		Total Stochastics ECTS (*automatic*)			

Footnotes for Tables D and E:

1. *The name of the course as it appears in the transcript, including course code/number if applicable.*
2. *Brief description of the main content, 1 sentence max.*
3. *The number of credit points or credit hours for this course, as it appears on the transcript. If your transcript uses ECTS, leave this blank.*
4. *The number of ECTS credits for this course, either directly or after the conversion described in Table C. If the conversion to ECTS results in a non-integer number of ECTS credits, we allow rounding up to the next integer for each course separately (for example, if after conversion a course has 5.4 ECTS credits, you may count it as having 6 ECTS credits in tables D and E).*
5. *Please only specify the page number of the transcript where this course is listed. If your transcript has a single page, leave it blank. If a different reference is needed, add a comment.*
6. *Please indicate how many of this course's ECTS credits should count towards the stochastics requirement. Courses on topics such as "Probability" or "Statistics" can fully count. If the course also covers other topics, please estimate the portion of the course content related to stochastics.*

TABLE F: RELEVANT ELECTIVE MODULES, INTERNSHIPS, PROFESSIONAL EXPERIENCE OR OPEN SOURCE PROJECTS

Type[1]	Description [2]	Duration	Reference[3]	Comments
Internship	Paid internship at Company Ltd., fine-tuning LLMs for astronomy applications	10 weeks	Additional documents, page 3	This row is just an example.

Please do include include more than 5 entries in Table F. Further entries will be ignored.

Footnotes for Table F:

1. *Internship, project, elective module, etc.*
2. *Brief description. 1-2 sentences.*
3. *For internships and other professional experience, please include a certificate or a letter from the employer in the additional documents. For open source projects, a URL suffices (the project page must clearly state who are the authors of the project).*