**Elective Form Joint Bachelor Data Science**

**Instructions:**

1. Fill out the fields below to submit your elective choices to the Bachelor Data Science Exam Committee.
2. Include a screenshot of your PlanApp overview on the last page.
3. When complete, send the form to electivesapprovalMCS@tue.nl

**Part 1: Automatically approved coherent packages**

1. **Enter your full name and ID number in the fields below.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name:** |  | **ID Number:** |  |

1. **Review the requirements:**
* The Bachelor Data Science degree program requires you to choose at least 45 credits worth of electives.
* Course levels are described as the following in the TU/e course catalogue: Introductory (level 1); Deepening (level 2); and Advanced (level 3). At Tilburg, course levels equate to the year that the course is offered (e.g. first-year Tilburg courses are level 1 courses).
	+ The maximum of level 1 electives you can take is three = 15 credits.
	+ The minimum of level 3 electives you need is two = 10 credits.
* Do not select courses that appear on the [overlap list](https://educationguide.tue.nl/programs/bachelor-college/elective-courses/overlap-courses/) as part of your elective choices. The overlap list is a living document and is updated throughout the year.
* Check the prerequisites and timeslot for each elective to ensure you in scheduling your courses appropriately.
1. **In the first column below, indicate with an ‘X’ the automatically approved coherent package(s) you would like to take.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | **Elective Package (TU/e)**  | **Course codes within package** | **Level** | **What is your motivation for choosing this elective package?** |
|  | Computer Science for Data Science | 2IT60 | 1 |  |
| 2IL50 | 2 |
| JBI045 | 3 |
|  | Data Modeling Foundations | 2DBI00 | 1 |  |
| JBI050 | 2 |
| 2IIG0 | 3 |
|  | Statistics for Data Science | JBM210 | 2 |  |
| JBM200 | 3 |
| JBM220 | 2 |
|  | Technology Entrepreneurship | 1ZEUB0 | 1 |  |
| 1ZSUC0 | 2 |
| 1ZAUB0 | 3 |

**Part 1: Automatically approved coherent packages (continued)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | **Elective Package (TU/e)**  | **Course codes within package** | **Level** | **What is your motivation for choosing this elective package?** |
|  | Analysis of Information Systems for DS | 2IIG0 | 3 |  |
|  | 2ID70 | 3 |
|  | 2IX30 | 3 |
|  | Finance and Risk | 2DF20 | 2 |  |
|  | 2DF30 | 3 |
|  | 2DF40 | 3 |

**V**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | **Minor (TiU)**  | **Course codes within package** | **Level** | **What is your motivation for choosing this elective package?** |
|  | Minor Business Analytics *(Note: select a minimum of 3 courses)* | JBM060 | 2 |  |
| JBM035 | 2 |
| JBM080 | 3 |
| JBM090 | 3 |
| JBM100 | 3 |
|  | Minor Business and Entrepreneurship for Data Science*(Note: select a minimum of 3 courses)* | JBM110 | 2 |  |
| JBM120 | 1 |
| JBM130 | 2 |
| JBM145 | 3 |
| JBM150 | 3 |
| JBM165 | 3 |
|  | Minor Cognitive Science & Artificial Intelligence*(Note: select a minimum of 3 courses)* | 822047 | 2 |  |
| 810031 | 2 |
| 800882 | 2 |
| 800829 | 2 |
| 800883 | 3 |
| 822188 | 3 |  |
|  | Minor Marketing Analytics | 324064 | 2 |  |
| 324067 | 2 |  |
| 325223 | 3 |  |
| 324066 | 2 |  |
| 324068 | 2 |  |

1. **After choosing the elective package(s)/minor(s) above:**

|  |  |
| --- | --- |
| * How many Level 1 electives can you still take?
 |  |
| * How many Level 3 electives do you still need?
 |  |

**Part 2: Additional Electives**

1. **Which additional elective courses (might be part from a package or minor) do you want to choose?** Remember to review the [overlap list](https://educationguide.tue.nl/programs/bachelor-college/elective-courses/overlap-courses/) to find an overview of the excluded courses for each major and provide a motivation for taking electives outside of the automatically approved coherent packages.

If you don’t know the level of a TiU course please write down the year it is taught.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | TU/e or TiU | Course Code | Course Name | Level (TU/e) or year (TiU) | Motivation |
| Elective 1 |  |  |  |  |  |
| Elective 2 |  |  |  |  |  |
| Elective 3 |  |  |  |  |  |
| Elective 4 |  |  |  |  |  |
| Elective 5 |  |  |  |  |  |
| Elective 6 |  |  |  |  |  |
| Elective 7 |  |  |  |  |  |
| Elective 8 |  |  |  |  |  |
| Elective 9 |  |  |  |  |  |

**Part 3: Further Comments and Questions**

Please add any additional comments or questions that are required to understand your choices.

|  |
| --- |
|  |

**Key Rules from** [**Bachelor Program and Examination Regulations Data Science 2020-2021**](https://assets.studiegids.tue.nl/fileadmin/content/Faculteit_WenI/JADS/Major_Data_Science__joint_bachelor_TiU_/2020-2021/PER%20DS%202020-2021%20def.pdf)

In the composition of the elective part of the program, the following conditions apply: sufficient connection between the chosen study components (coherence); and no overlap between major study components and elective study components or between elective study components themselves.

Students who commenced the degree program on or after September 1, 2015, are subject to the following conditions: the degree program must include at least 45 credits worth of level 3 study components; the general program has 35 credits of level 3 study components which means two level 3 courses as electives are required. The elective parts of the degree program (including USE study components) must include at least 30 credits worth of level 2 or 3 study components.

*Signature for approval on behalf of the Examination Committee:*

|  |  |
| --- | --- |
| Name: | Signature: |

**After submitting this form, you will hear within four weeks whether your package is approved. You will also get notice when the Elective Package is processed in Osiris so you can check your SVO and let us know if you have any questions.**

**Part 4: PlanApp Screenshot**

Please insert a screenshot of your PlanApp for the upcoming year(s) here.