Open Science-related transferable skills are important for Early Career Researchers

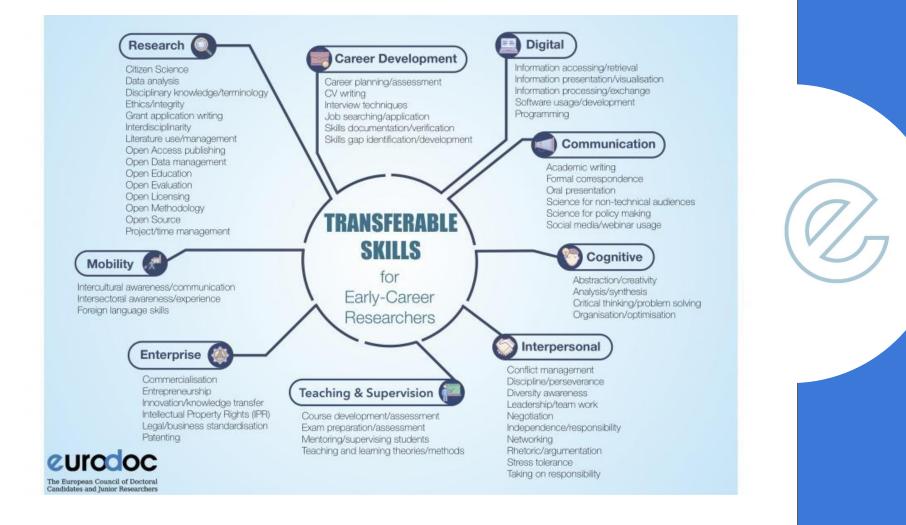
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#### **Open Science Skills**

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#### Occupations

### Qualifications





#### Skills/competences

#### Occupations

### Qualifications





#### Skills/competences

- S1 communication, collaboration and creativity
- S2 information skills
- S3 assisting and caring
- S4 management skills
- S5 working with computers
- S6 handling and moving
- S7 constructing

S8 - working with machinery and specialised equipment





S1 - communication, collaboration and creativity

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S8 - working with machinery and specialised equipment



#### Table 1: Example of classification of skills from the Foster course.

Source	Name of course	Skills (implicitly described) in the course syllabus	Corresponding ESCO classification
Foster	Best Practices	Developing an open research workflow	S4.2 - organising, planning and scheduling work and activities
Foster	Managing and Sharing Research Data	Writing a data management plan	S4.2 - organising, planning and scheduling work and activities
Foster	Managing and Sharing Research Data	Understand FAIR principles	S2.0 - information skills
Foster	Managing and Sharing Research Data	Select data for retention	S2.7 - analysing and evaluating information and data
Foster	Managing and Sharing Research Data	Maximize impact of data	S1.6 - promoting, selling and purchasing

## Conclusion

We find conclusive evidence that Open Science training enables early career researchers to develop skills that meet the ESCO definition of skills. This evidence adds to the list of arguments in favor of Open Science training.

## Outlook

ESCO's classification of skills is due for revision this year, and the next step for our report is to compare our results against the revised ESCO classification. We also intend to publish a recommendation of FOSTER open science courses, encouraging institutions to include open science training into their activity.

Eurodoc's report on transferable skills: <u>http://www.eurodoc.net/news/2018/press-release-eurodo</u> <u>c-report-on-transferable-skills-and-competences</u>

The European Skills, Competences, Qualifications and Occupations <u>https://ec.europa.eu/esco/portal/home</u>



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