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|  | **IDS TUL** |
|  |  |

**INDIVIDUAL RESEARCH PLAN**

**Interdisciplinary Doctoral School**

**Lodz University of Technology**

List of appendixes:

|  |  |
| --- | --- |
| To be submitted in set within 5 months from the start of doctoral training | Appendix 1 Personal informationAppendix 2 Research Plan & MethodologyAppendix 3 Research & Skills workshopAppendix 4 Data Management PlanAppendix 5 Mobility protocolAppendix 6 Approval |
| To be submitted until the end of the 2nd year of doctoral training | Appendix 7 Teaching course & practiceAppendix 8 Visiting professors’ lectures |

**Appendix 1 Personal information**

Name:

Surname:

Discipline:

TUL email address:

Mobile:

**IDS Training information**

Supervisor/Supervisors (max. 2 supervisors):

……………………………………………………………………………………………………………………………………………………

Ancillary Supervisor (promotor pomocniczy)

Entity at TUL (Faculty, Institute/Department):

Industrial doctorate (doktorat wdrożeniowy): YES/NO1

1 Delete as appropriate

**Appendix 2 Research Plan & Methodology**

|  |
| --- |
| Description of the planned research including methodology (up to 5 000 characters with spaces) |
| Aims and research problem:Justification of the choice of subject:Research methods and techniques:Schedule for the preparation of a doctoral dissertation: Semester 1:Semester 2:Semester 3: ….The date of submission of doctoral thesis:……………………………………………………………………………. |
| SeminarsFaculty: Entity (Institute/Department): Frequency1:  |
| Other key arrangements including but not limited to the specification of the preferred form of collaboration between the doctoral candidates and his/her supervisor, supervisors or his/her supervisor and ancillary supervisor.The type of contact (email, phone, personal meetings, on-line tools):Frequency:  |

1 At least one per semester

**Appendix 3**

 **Research & skills workshop – elective courses**

A list of elective courses in different disciplines (4 ECTS) called "the research workshop”:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Subject | ECTS | Faculty/Entity of TUL (Institute/Department) | Semester and academic year | Lecturer |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| … |  |  |  |  |  |
| … |  |  |  |  |  |
| … |  |  |  |  |  |

**Research & skills workshop – soft &transferable skills**

A list of selected soft and transferable skills courses in (45 hours) called „the skills workshop”:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Subject | hrs | Faculty/Entity of TUL (Institute/Department) | Semester and academic year | Lecturer |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| … |  |  |  |  |  |
| … |  |  |  |  |  |
| … |  |  |  |  |  |

**Appendix 4 Data management plan**

|  |  |
| --- | --- |
| **1** | **DATA COLLECTION, DOCUMENTATION AND METADATA** |
|  | 1.1 Type of research[[1]](#footnote-1) 1.2 Types of data[[2]](#footnote-2)1.3 Format of the data[[3]](#footnote-3)1.4 Data quality and standards[[4]](#footnote-4) |
| **2** | **DATA STORAGE AND BACKUP[[5]](#footnote-5)**  |
|  |  |
| **3** | **DATA SECURITY AND CONFIDENTIALITY OF POTENTIAL DISCLOSURE OF INFORMATION[[6]](#footnote-6)**  |
|  |  |

**Appendix 5 Mobility protocol**

|  |  |
| --- | --- |
| Mobility protocol1 |  |
| The planned destination (country)  |  |
| Duration: |  |
| Stage of doctorate: |  |
| Possible source of funding:  |  |
| Type of mobility (education, research project): |  |
| Other arrangements |  |

1 Indicate your planned mobility for at least 3 months (possible division into several shorter trips), its destination (country, if possible please indicate the entity e.g. university, institute, company), planned duration (in months) and possible sources of financing (e.g. financing agencies - NCN, NCBiR, NAWA, others) and stage of training when approximately you plan to go for mobility.

**Appendix 6 Approval**

***I hereby submit my individual research plan.***

**Doctoral Candidate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***I approve this individual research plan.***

 **Supervisor’s name/Supervisors names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Comments:**

 **Ancillary supervisor’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Comments:**

|  |
| --- |
| **IDS OFFICE** |
| Checklist and date of submission to IDS Office:

|  |  |  |
| --- | --- | --- |
| Appendix | Check-list | Date of submission and comments |
|  1 – 6 | Personal information |  |  |
| Research Plan & Methodology |  |
| Research & Skills workshop |  |
| Data Management Plan |  |
| Mobility protocol |  |
| Approval |  |
| 7 | Teaching course & practice |  |  |
| 8 | Visiting professors’ lectures |  |  |

 |
| Individual Organisation of Training (IOT): YES/NO1Justification: |
| Other comments: |
| Approved by Scientific Council of IDS TUL: YES/NO1, date: …………………………………Stamp and signature of the ISD Director |

**Appendix 7 Teaching course & practice**

|  |
| --- |
| Teaching course & practice1: YES/NO2 |
| Name of subject: |  |
| Type of activities3: |  |
| Semester and academic year: |  |
| Number of hours: |  |
| Faculty |  |
| Entity (Institute/Department):  |  |
| Other arrangements |  |

**Doctoral Candidate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***I approve this Teaching course & practice arrangements.***

 **Supervisor’s name/Supervisors names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Ancillary supervisor’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1 Can be defined until the end of the 2nd year of training

2 Delete as appropriate

3 Tutorials, laboratory, project etc.

**Appendix 8 Visiting professors’ lectures**

The list of visiting professors’ lectures1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Lecturer | Subject | hrs/ECTS | Semester and academic year | Faculty/Entity of TUL (Institute/Department) |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| … |  |  |  |  |  |
| … |  |  |  |  |  |
| … |  |  |  |  |  |

**Doctoral Candidate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***I approve this visiting professors’ lectures list.***

 **Supervisor’s name/Supervisors names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Ancillary supervisor’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1 Can be defined until the end of the 2nd year of training

1. Describe the nature of the research e.g.: empirical or nonempirical study, quantitative or qualitative research, comparative study, review works, cross-sectional study, preclinical research, descriptive research, policy-oriented research, theory-testing research, theory-building research, and the type of research: fundamental (basic) research or applied research, mixed etc. [↑](#footnote-ref-1)
2. Indicate the types of data that are expected to be collected and processed during the study e.g. quantitative, qualitative, generated from surveys, clinical measurements, interviews, medical or electronic health records, administrative records, genotypic data, images, tissue samples, apparatus data etc. [↑](#footnote-ref-2)
3. File formats, software, number of records (if possible), databases, repetitions (in terms that are meaningful in your field of research). Do formats and software enable sharing and long-term validity of data? [↑](#footnote-ref-3)
4. Describe how consistency and quality of data collection/generation will be controlled and documented (e.g. by calibration, repeat samples or measurements, standardised data capture or recording, data entry validation, peer review of data etc.). [↑](#footnote-ref-4)
5. Briefly describe how data will be stored, backed-up and managed. [↑](#footnote-ref-5)
6. Summarise the main risks to the confidentiality and security of information related to human participants, the level of risk and how these risks will be managed. [↑](#footnote-ref-6)