**MathGeAr**

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| **NAME** | **HOME UNI** | **HOST UNI** |
| Narine Avetisyan | ASPU | TUC |
| Mane Sevachyan | ASPU | TUC |
| Kiladze Akaki | ATSU | TUC |
| Goga Gorelishvili | ATSU | UdS |
| Tamar Khiladze | BSU | UdS |
| Tamta Kakhidze | BSU | UdS |
| Lasha Losebidze | GTU | UdS |
| Davit Sirbiladze | GTU | UCBL |
| Ani Mehrabyan | NPUA | TUT |
| Lilit Pahlevanyan | NPUA | UdS |
| Georg Tsikarishvili | UoG | TUC |
| Salmone Gabisonia | UoG | TUC |

**Pre-Analysis**

**General information**

* Nearly all students have experience abroad
* all have good to excellent knowledge of language of study
* Very good to excellent in general in school and university
  + all participated in Olympiads: some are winner

**expectations and motivation, courses**

Get more independent

Challenges with language

Practical-oriented and applied courses

Boost for future carrer

Get more familiar with german culture, history, traditions and language

Computer Science based: mix of new and known courses f.e. Cryptography, Distributed Systems

Selection difficult due to different names

**Post-Analysis**

* Differences compared to home universities

Freedom of course selection

Online portals for e.g. e-Learning, study documentation

Assignment and assessment system

* Major advantages

New education system experience

Meeting people with different cultures

Improving self-dependency in studying

* Major challenges

Document preparation, administrative effort for visa

Adapting to the new education system

Language barrier (especially at the beginning)

* Student Suggestions

Extension of program’s period length (currently one semester)

Introduction of expected challenges

Majority of students experience that math in Europe is

More practical and application-related

More modern than in home universities

**Summary**

* Gaining new and modern knowledge in information technologies (IT) from famous IT-developing countries: achieved
* Challenges with language and culture: experienced
* Practically-oriented and applied courses: experienced
* Boost for future career: not measurable yet
* Getting experience with study processes in other countries: achieved
* Improve foreign language (English): achieved
* Computer science-related: Artificial Intelligence, Parallel Programming, and Optimisation: attended

all expectations are fulfilled

difficulties regarding attended courses:

* language barrieres
* registration for courses
* many difficult algorithms
* strong background necessary 🡪 many things are taught in schools before universities (in particular in Germany), but not in Georgia/Armenia

**MetaMath**

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| **NAME** | **HOME UNI** | **HOST UNI** |
| Vladimir Esenin | KNRTU | UdS |
| Tagirov Mikhail | KNRTU | UdS |
| Aleksandr Pavlov | KNRTU | UdS |
| Kseniia Nikolaeva | LETI | UdS |
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| Valeriia Sidorova | OMSU | TUT |
| Ivan Kopeykin | OMSU | UdS |
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| Margarita Ryzhova | TSU | UdS |
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| Kuzenkov Gleb | NNSU | UdS |
| Nikolai Plokhoi | LETI | UdS |

**Pre-Analysis**

**General information**

* half of students have experience abroad

• all have good to excellent knowledge of language of study (f.e. TOEFL certificate)

• Very good to excellent in general in school and university

* One-third participated in Olympiads: 3. math1. Computer Science

**Expectations and motivation**

* Gain modern and new knowledge in IT from famous IT-developing countries

•Challenges with language and culture

•Practically-oriented and applied courses

•Boost for future carrier

•Get experience with study process in other country

•Improve english

•Computer Science based: Artificial Intelligence Parallel Programming, Optimization

**Post-Analysis**

• Differences compared to home universities

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Online portals for e.g. e-Learning, study documentation

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• Major advantages

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**Summary**

• Gaining new and modern knowledge in information technologies (IT) from famous IT-developing countries: achieved

• Challenges with language and culture: experienced

• Practically-oriented and applied courses: experienced

• Boost for future career: not measurable yet

• Getting experience with study processes in other countries: achieved

• Improve foreign language (English): achieved

• Computer science-related: Artificial Intelligence, Parallel Programming, and Optimisation: attended

Difficulties with attended courses:

* Needs a strong background
* Needs a good Mathematical English language
* very hard homework
* Not given enough time for the exam