

# Mathematics Minor

Iago Rossetto

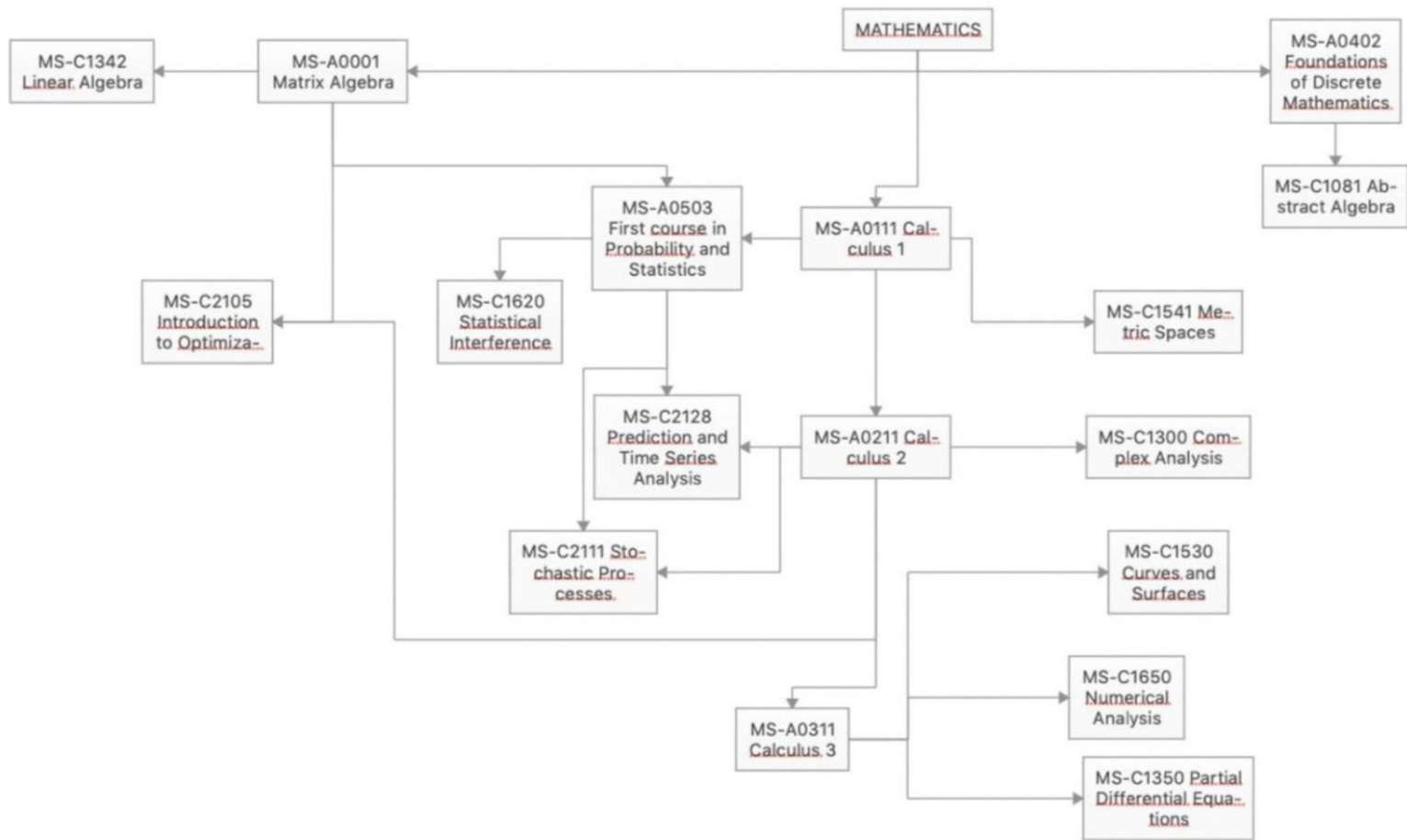
Telegram: @iagorst



# Mathematics Minor

Iago, 2nd year QT student

Code	Course name	ECTS credits	Period
MS-A00**	Matrix algebra	5	Fi: I, II, III, / Sv: II / En: II
MS-A01**	Differential and integral calculus 1	5	Fi: I, II, IV / Sv: I / En: I
MS-A02**	Differential and integral calculus 2	5	Fi: I, III, IV, kesä / Sv: III / En: III
MS-A03**	Differential and integral calculus 3	5	Fi: I, IV / Sv: IV / En: IV
MS-A040*	Foundations of discrete mathematics	5	Fi: I / Sv: II / En: IV
MS-A050*	First course in probability and statistics	5	Fi: I, II, IV, summer / Sv: III / En: III
MS-C1001 (A)	Shapes in Action	5	I
MS-C1081	Abstract Algebra	5	III
MS-C1300	Complex Analysis	5	II
MS-C1342	Linear algebra	5	V
MS-C1350	Partial Differential Equations	5	I-II
MS-C1420	Fourier-analyysi	5	I
MS-C1530	Curves and surfaces	5	I
MS-C1541	Metric Spaces	5	III
MS-C1650	Numerical analysis	5	V
MS-E1000 (A)	Crystal Flowers in Halls of Mirrors: Mathematics Meets Art and Architecture D	5–15	III-IV



\*Mindmap from my good friend Niko (not up-to-date)

# Aaltonaut Minor

Astrid Andersin

Telegram: @astridandersin



- Product Development Minor

# Courses

SELECTED 2/2 PC

i

Mandatory courses

Read more...

5 cr	4	<div><div>AAN-C2006</div><div>Product analysis</div></div> <div></div>
5 cr		<div><div>AAN-C2009</div><div>Designing an Electronic</div></div> <div></div>

SELECTED 15/MIN. 10 CR

i

Elective courses

(choose so many courses that the Minor will be at least 25 cr). If you want to study extra courses, you can add them to your elect

Read more...

5 cr	<div><div>AAN-C2012</div><div>ADD Basics - Additive m</div></div> <div></div>
5 cr	<div><div>AAN-C2007</div><div>Product Sustainability</div></div> <div></div>
5 cr	<div><div>AAN-C1013</div><div>Service design tools for</div></div> <div></div>
5 cr	<div><div>TU-C1020</div><div>Creating Value</div></div> <div></div>
1 cr	<div><div>AAN-A1001</div><div>Entrepreneurship in Aa</div></div> <div></div>



# Course work



Product Analysis



Designing an electronic device  
for business and production





# *Does Aaltonaut affect my future plans?*

- *Yes, kind of...*



## **Chemical and Process Engineering - Chemical, Biochemical and Materials Engineering, Master of Science (Technology)**

👤 Degree: Master studies

📅 Duration: 2 years, full-time

📅 Application period: 1.12.2022 – 2.1.2023

💬 Language: English

🎓 Study field: Technology and Engineering

€ Tuition fees:

For non-EU/EEA citizens, €15000/y (Master's studies)





# Astrophysics Minor

@Helsinki University

Meeri Mäkitalo

Telegram: @meerimakitalo

# Computer Science and Information Networks Minor

Veera Ihalainen

Telegram: @veliuh

# Computer Science Minor

advanced study path

Compulsory

Programming 1  
Programming 2  
Data Structures and Algorithms

+

Optional

Theory of Computation  
Computer Graphics  
**Human-Computer Interaction**  
**Machine Learning D**  
Operating Systems  
Web Software Development  
Information Security  
Software Engineering  
Programming Parallel Computers D  
Basic Course in C programming  
Object oriented programming with C++

# Why?

## 1. Widest array of choices for continuing to master's studies

Human-Computer Interaction

Computer Science

Machine Learning, Data Science and Artificial Intelligence

Security and Cloud Computing

Software and Service Engineering

## 2. Strong base for programming skills

Easy to continue to more demanding programming courses



## WHO WOULD WIN?

```
1 public class PublicationController : ApiController
2 {
3     private readonly Common.DS coreServiceClient = new Common.DS();
4
5     // GET api/publication
6     public IHttpActionResult Get()
7     {
8         return coreServiceClient.GetPublicationList();
9     }
10
11     // GET api/publication/{id}
12     public IHttpActionResult Get(string id)
13     {
14         return coreServiceClient.GetPublication(id);
15     }
16 }
```

**A large complex script of code written by  
Professional computer programmers  
And designers**

;

**One no-mouth winky boi**

# Information Networks



## Programming 1

### Human-Computer Interaction

Tieteen ja tiedon perusteet (only in Finnish)

Ihminen havaitsijana (only in Finnish)



Criterion for the Information  
Networks Master's programme



# Interested in getting new friends from other majors?

ETCo organizes events for english bachelor's  
students!

