1.s rank.

Czech Technical University in Prague
International Computer Science Program
Faculty of Electrical Engineering

OPEN INFORMATICS

bachelor and master

guarantor: prof. Michal Pěchouček

- interdisciplinary (close to robotics, embedded systems, …)
- connected to world class research
- students may participate on bleeding edge projects
- connected to many companies around the globe
- courses, textbook, tools … compatible with top US, EU or Asia universities

BACHELOR

Computer and Information Science
Computer Systems
Software Systems

MINORS

Mathematics
Computer Graphics
Embedded Systems
Artificial Intelligence
Economics, ...

1 (winter)	**AE0B01LAG** 4p+2s Linear Algebra	**AE4B01DMA** 2p+2s Discrete mathematics	**AE0B36PR1** 2p+2c Programming 1	**AE4B99RPH** 1p+3c Solving problems and other games	Humanistic, economy, management courses
2 (summer)	**AE4B01MA2** 4p+2s Calculus	**AE0B01LGR** 3p+2s Logic and Graph Theory	**AE0B36PR2** 2p+2c Programming 2	**AE4B33ALG** 2p+2c Algorithms	Humanistic, economy, management courses
3 (winter)	**AE0B01PSI** 4p+2s Probability, Statistics, and Theory of Information	**AE4B01JAG** 2p+2s Languages, automata and grammars	**AE0B35SPS** 3p+2l Computer Systems Structures	**AE4B33OSS** 2p+2c Operating systems and networks	**AE4B01NUM** 2p+2c Numerical Analysis
4 (summer)	**AE4B02FYZ** 2p+2l Physics for Informatics	**AE0B36APO** 2p+2l Computer Architectures	**AE4B33DS** 2p+2c Database Systems	**AE4B33FLP** 2p+2c Functional and Logic Programming	**AE4B33ZUI** 2p+2c Introduction to Artificial Intelligence
5 (winter)	**AE4B33OPT** 4p+2c Optimization	**AE4B33RPZ** 2p+2c Pattern Recognition and Machine Learning	**AE4B99SVP** TBD Software or Research Project		
6 (summer)			Humanistic, economy, management courses		**AE4B99BAP** TBD Bachelor Project

Computer and Information Science

MASTER

Artificial Intelligence
Computer Vision and Digital Image
Computer Graphics
Software Engineering and Interaction
Computer Engineering

MINORS

Robotics
Management
… (all branches)

major: Artificial Intelligence

1 (winter)	**AE4M33PAL** 2p+2c Advanced algorithms	**AE4M33RZN** 2p+2c Advanced Methods for Knowledge Representation	**AE4B33RPZ** 2p+2c Pattern Recognition and Machine Learning	**AE4B33OPT** 4p+2c Optimization	
2 (summer)	**AE4M01TAL** 3p+1s Theory of Algorithms	**AE4M35KO** 3p+2c Combinatorial Optimization	**AE4M33PAH** 2p+2c Planning and game playing	**AE4M33BIA** 2p+2c Bio Inspired Algorithms	
3 (winter)	**AE4M33MAS** 2p+2c Multiagent Systems	**AE4M33SAD** 2p+2c Machine Learning and Data Analysis			**AE4M99SVP** TBD Software or Research Project
4 (summer)				**AE4M33AU** 2p+2c Automatic Reasoning	**AE4M99DIP** TBD Master Thesis

AI major, Vision minor

1 (winter)	**AE4M33PAL** 2p+2c Advanced algorithms	**AE4M33RZN** 2p+2c Advanced Methods for Knowledge Representation	**AE4M33DZO** 2p+2c Digital image	**AE4B33RPZ** 2p+2c Pattern Recognition and Machine Learning	
2 (summer)	**AE4M01TAL** 3p+1s Theory of Algorithms	**AE4M35KO** 3p+2c Combinatorial Optimization	**AE4M33PAH** 2p+2c Planning and game playing	**AE4M33BIA** 2p+2c Bio Inspired Algorithms	**AE4M33MPV** 2p+2c Computer Vision Methods
3 (winter)	**AE4M33MAS** 2p+2c Multiagent Systems	**AE4M33SAD** 2p+2c Machine Learning and Data Analysis	**AE4M33TDV** 2p+2c 3D Computer Vision	**AE4M39VG** 2p+2c Computational Geometry	**AE4M99SVP** TBD Software or Research Project
4 (summer)				**AE4M33AU** 2p+2c Automatic Reasoning	**AE4M99DIP** TBD Master Thesis

The semestr starts in SEPTEMBER 2012

Fee
45.000 CZK per semester
(1800 EUR, 2500 USD)

http://oi.fel.cvut.cz/en/

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Thank you for your attention