



**EU-TEMPUS PROJECT EDUWAT**



# **DEVELOPMENT OF A MODERN HIGHER EDUCATION SYSTEM FOR WATER ENGINEERING IN SYRIA**

**Damascus 9-13/01/2011**

**Tishreen University (TIU)  
Lattakia- Syria**

**Coordinator  
Prof. Dr. Eng. Izzeddin Hassan**

**Department of Water Engineering and Irrigation  
Faculty of Civil Engineering**

# **Coordinator of Tishreen University (TIU)**

**Prof. Dr. Eng. Izzeddin Hassan**

## **Scientific positions**

- ☐ **Full- Time Professor at the Department of Water Engineering and Irrigation at Tishreen University , 2003;**
- ☐ **Associate Professor , Department of Water Engineering ,1996;**
- ☐ **lecturer at Department of Water Engineering / Tishreen University, 1991;**
  
- ☐ **Head of Department of Water Engineering / Tishreen University 2001-2005;**
  
- ☐ **Head of Department of Water Engineering and Irrigation/ Tishreen University; 2007-2009.**

## **Qualifications**

- ❑ Ph. D in "Hydraulic structures and Dams", Technical University of Dresden, Germany, 1989;
- ❑ Postgraduate Diploma in " Groundwater investment", Technical University of Dresden, Germany, 1988;.
- ❑ Bachelor Degree in Civil Engineering/ Tishreen University ,1983.

## Training & courses

16-9 to 6-12-1997	<p>DAAD Exhibition at Technical University of Dresden/ <b>Faculty of Civil Engineering, Institute of structures and Fluid mechanics.</b> The main Subject was regulation of river Al Kabir Al Shimali between 16 November Dam and Attalla Bridge (Lattakia-Syria) using numerical Methods.</p> <p>By <b>Prof. Wagner.</b></p>
13-10 to 27-12-2002	<p>DAAD Exhibition at Technical University of Dresden/ <b>Faculty of Forest-Geo- and Hydro sciences, Institute of Hydrology.</b> The main Subject was Recharge of the Groundwater reservoir with the Water of Barada River in Spring Time using the Program Modflow.</p> <p>By <b>Prof. G. Schmitz.</b></p>
09-09 to 02-11-2007	<p>DAAD Exhibition at Technical University of Dresden/ <b>Faculty of Forest- Geo- and Hydro Sciences, Institute of Waste Management and Contaminated Site Treatment .</b> The main Subject was “Recharge of the Groundwater with a treated Waste water using the Program ASM (Aquifer Simulation Modeling) in the Homs region (Syria)”.</p> <p>By <b>Prof P. W. Graeber.</b></p>

## Experiences

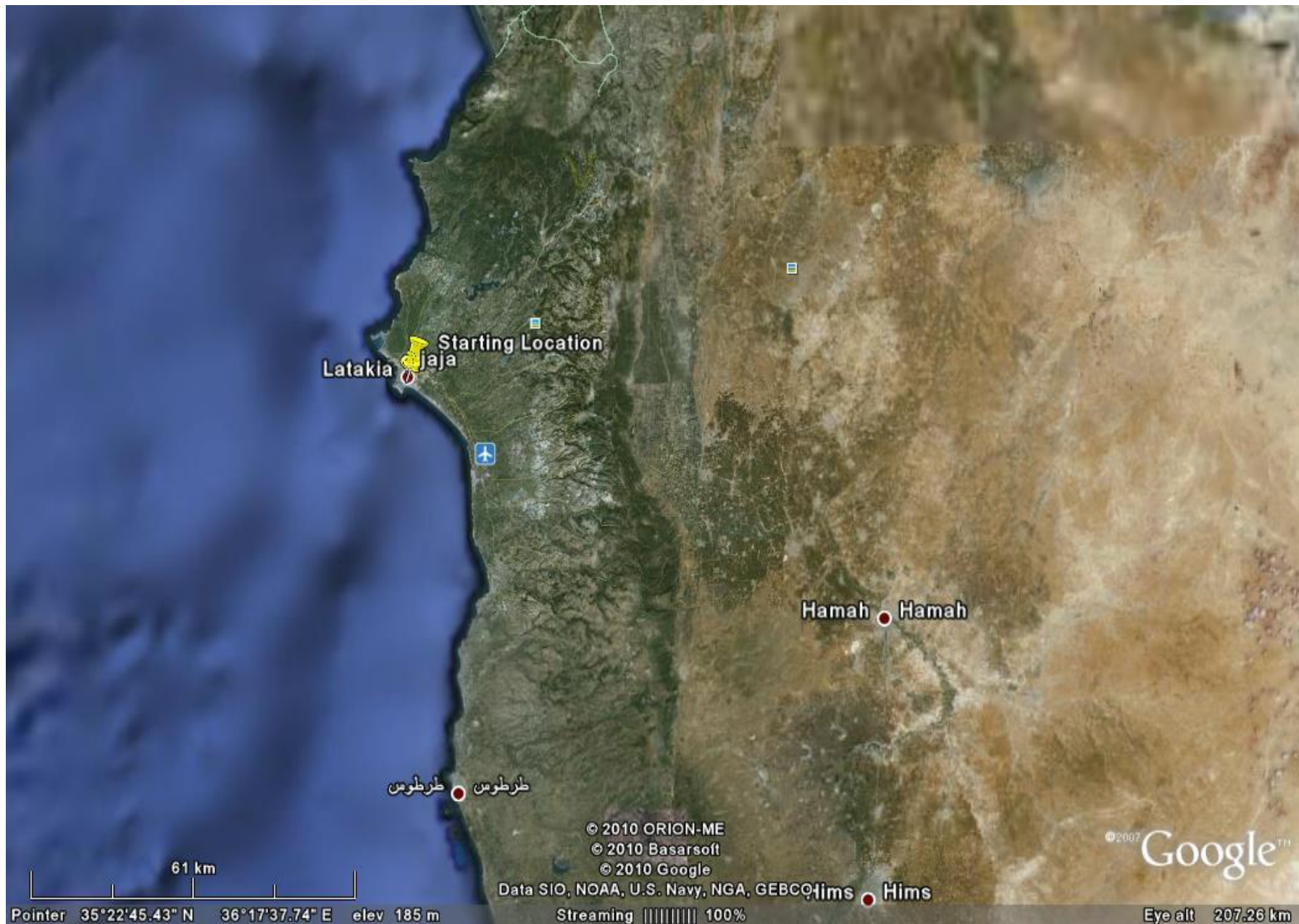
- ❑ Ph. D in Hydraulic structures and Dams " [hydro automatic Regulation of Irrigation Canal networks](#)".
- ❑ Programming and Modeling of unsteady flows in Rivers and canals and other Problems of water movements.
- ❑ Lecture courses: water resources, water structures, Irrigation , drainage ,waste and drinking Water at the universities Sirt (Libya),Al Zaim Al Azhari (Sudan) and the Syrian Universities.
- ❑ Some publications in Workshops and Journals and 4 scientific Books for the students and Engineers.
- ❑ Translation of Book ([Hochwasserhandbuch Auswirkungen und Schutz](#)" Autor Heinz Patt, [Springer Verlag 2002](#)) from German into Arabic.

## Achievements

- ❑ **Winner of the 1. st scientific Prize** in the field of Engineering sciences in Syria in 1998 for my Publication "a hydraulic Study of Hydraulic structures, case Study "Regulation of Alkabir Shimali River between 16 November Dam and Attalla Bridge using numerical Methods", Basel Al Assad Journal - 1999" ;
- ❑ **Studying and planning some important Projects in Syria as Regulation of rivers Al sin and Markieh ;**
- ❑ **Vital role in Establishing a good Cooperation between the Syrian and the German Universities and Companies and other Institutions in Higher Education and Praxis.**

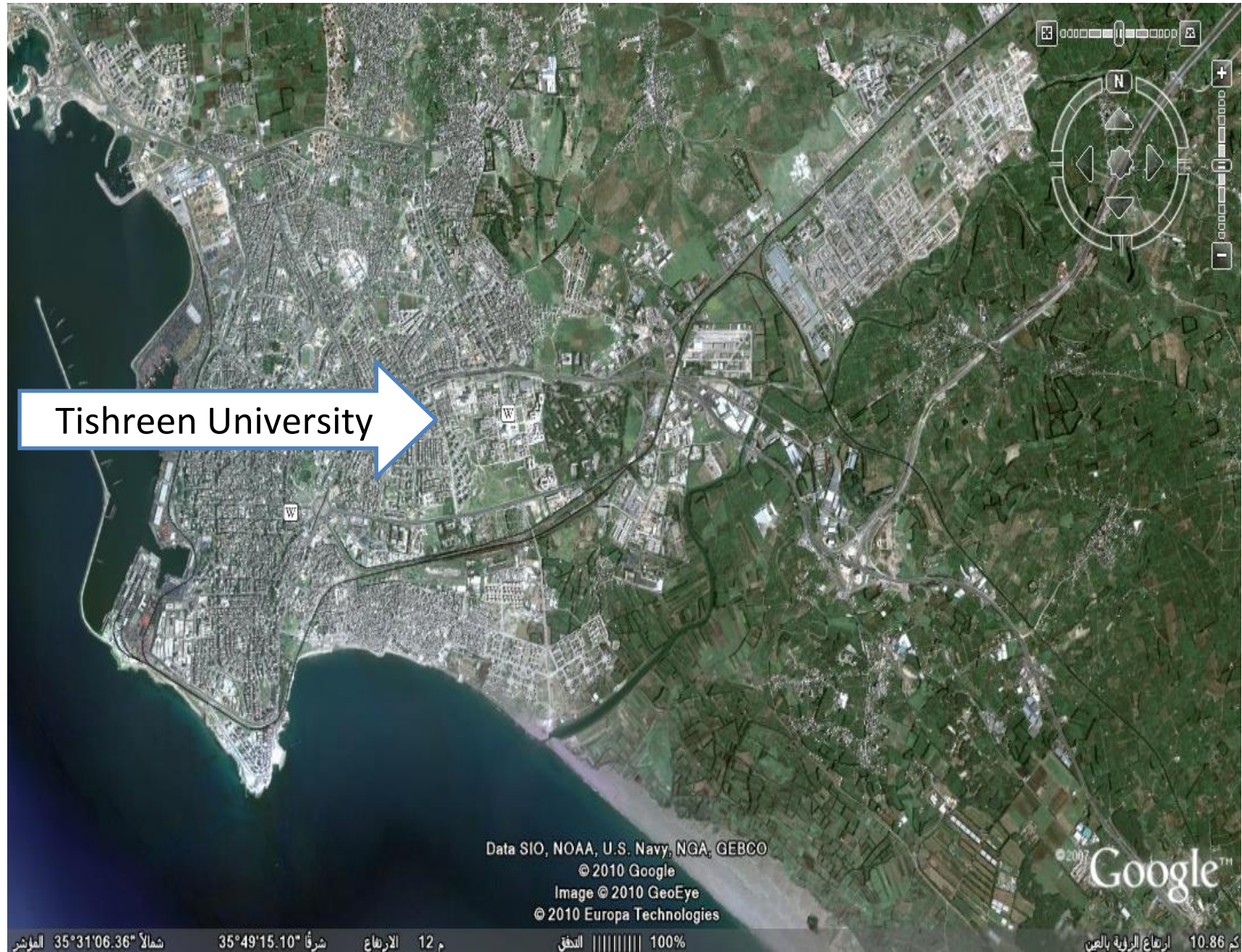


## Lattakia from Syria





# Lattakia City





# Tishreen University (Lattakia, Syria)



Data SIO, NOAA, U.S. Navy, NGA, GEBCO

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شمالاً 35°31'20.57" العرض 35°48'37.04" شرقاً 30 م الارتفاع

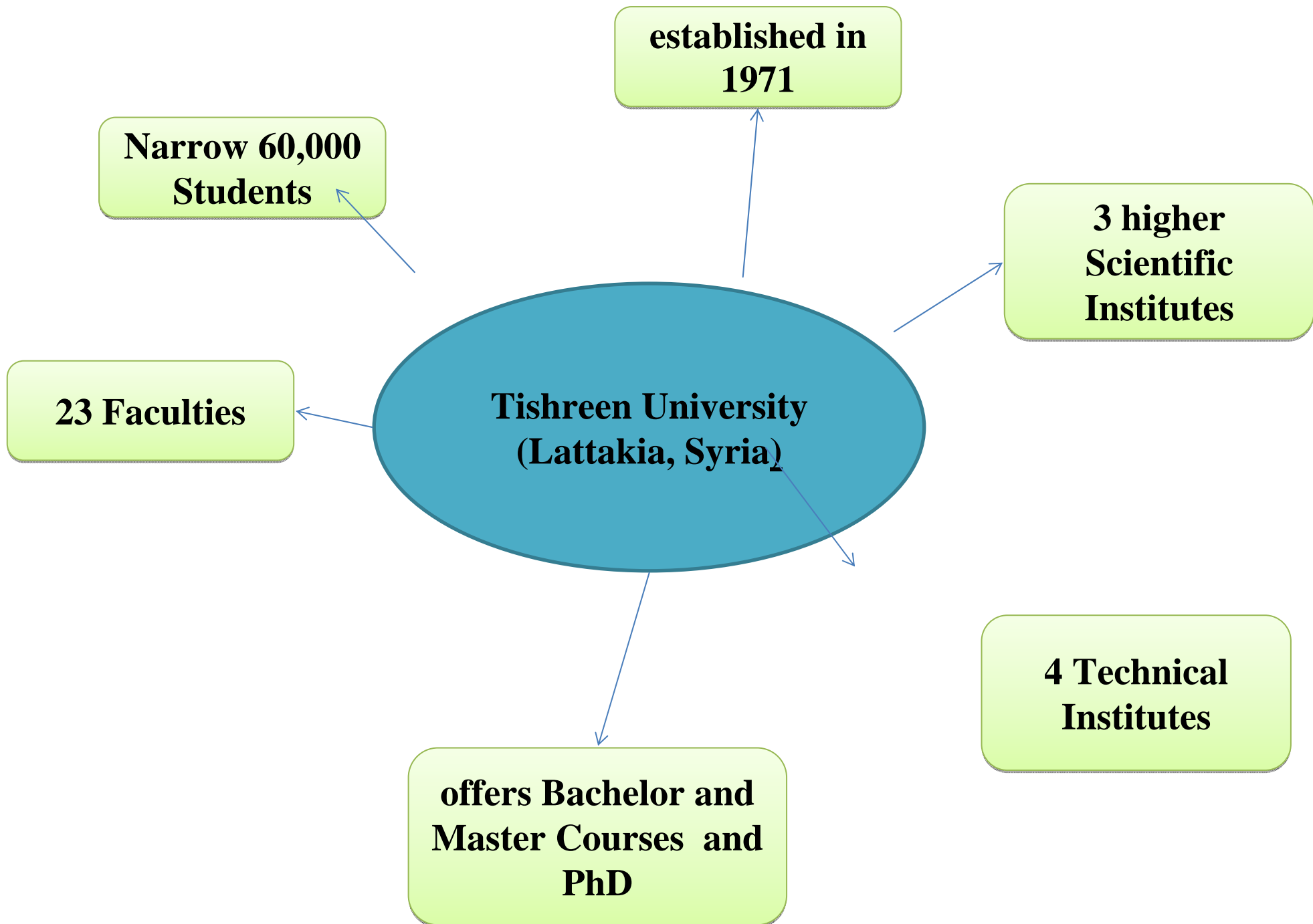
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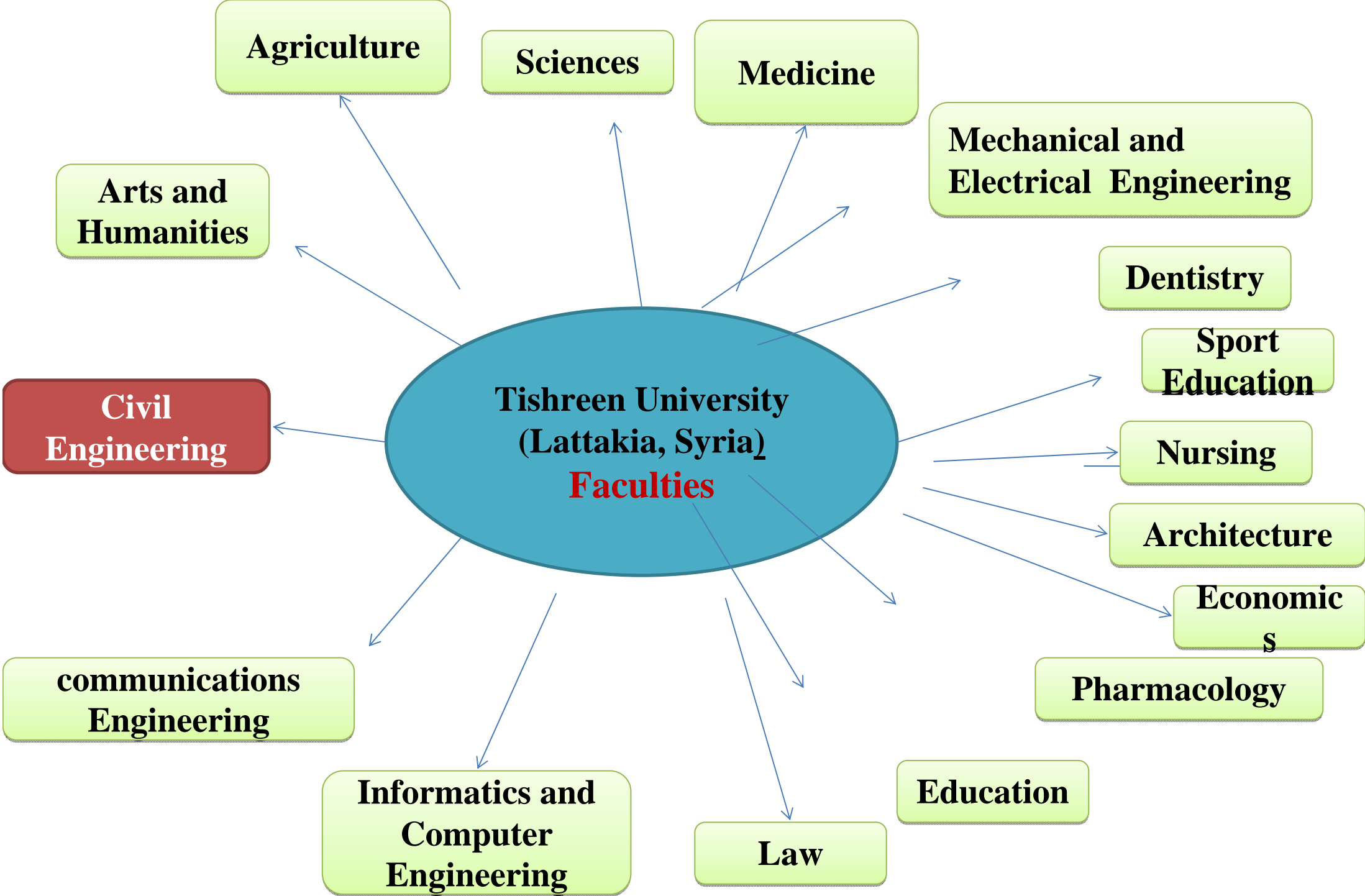
2.25 كم ارتفاع الرؤية بالعين



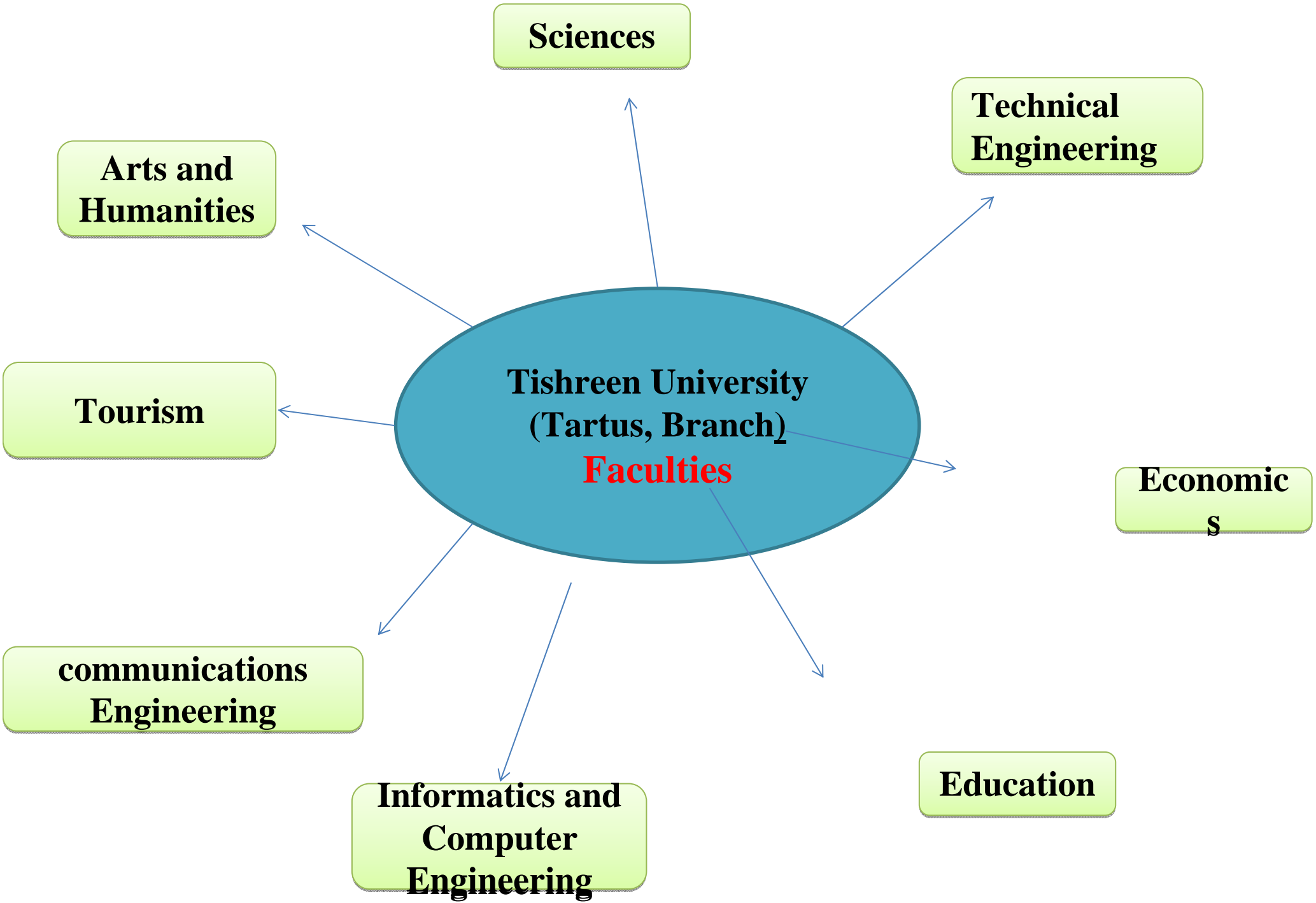
# TISHREEN University /Lattakia

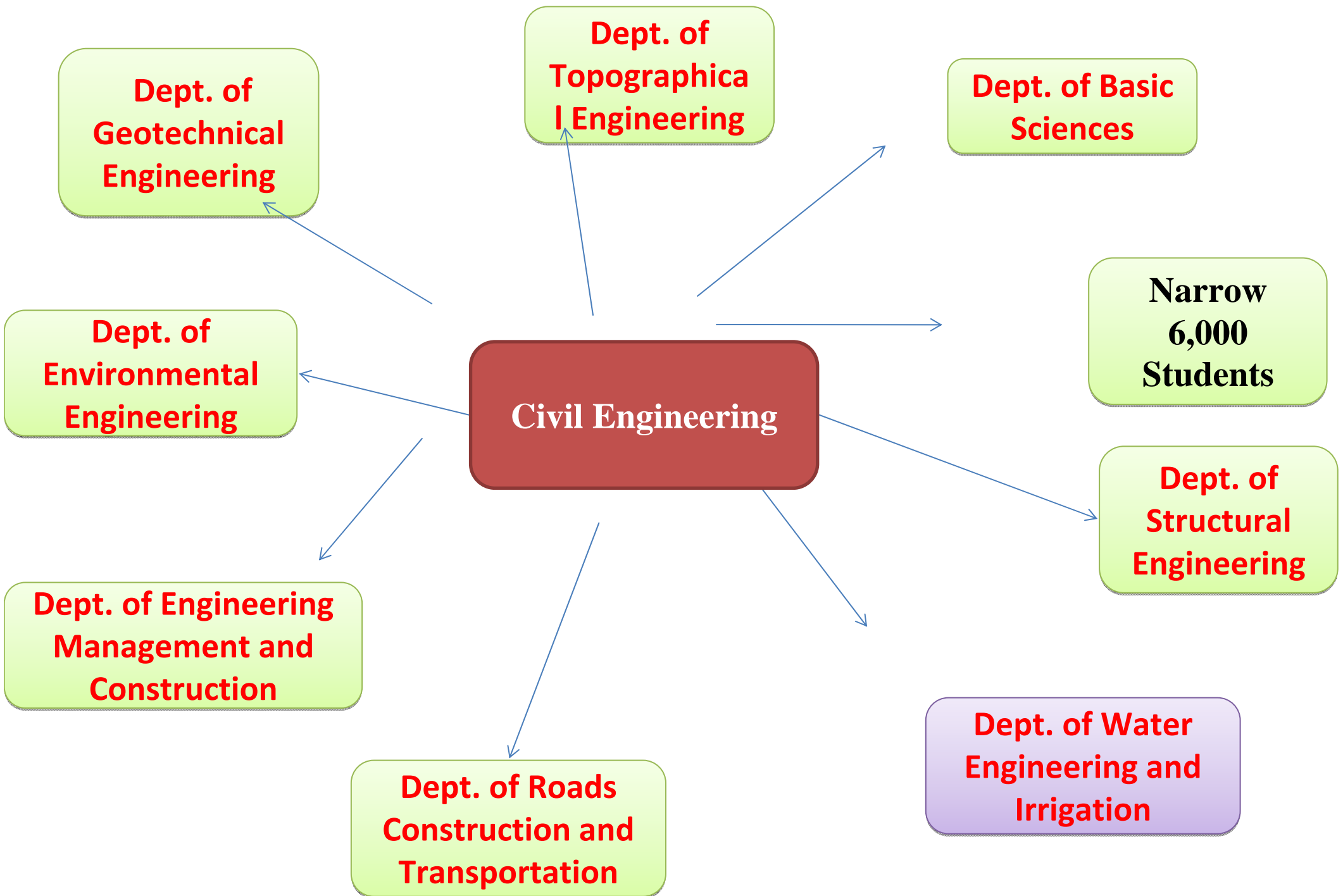












**B. Sc. in Civil Engineering (five years) ;for all mentioned departments  
(without Dept. of Basic Sciences)**

**Ph. D. in Civil Engineering ( Three years)**

**M. Sc. in Civil Engineering (two years)**

**Academic degrees conferred by the Faculty**

