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VERITAS
STRUCTURAL DEVELOPMENT OF THE THIRD CYCLE BASED ON SALZBURG PRINCIPLES



NAS RA
INTERNATIONAL SCIENTIFIC
EDUCATIONAL CENTER

PhD Program In MOLECULAR AND CELLULAR BIOLOGY

**Institute of Molecular Biology
International Scientific Educational Center
National Academy of Sciences of Republic of Armenia
Yerevan, Armenia**

Gohar Tsakanova



12 / 10 / 2017
YSMU, YEREVAN, ARMENIA
coordinated by:
YEREVAN STATE MEDICAL UNIVERSITY

FINAL CONFERENCE



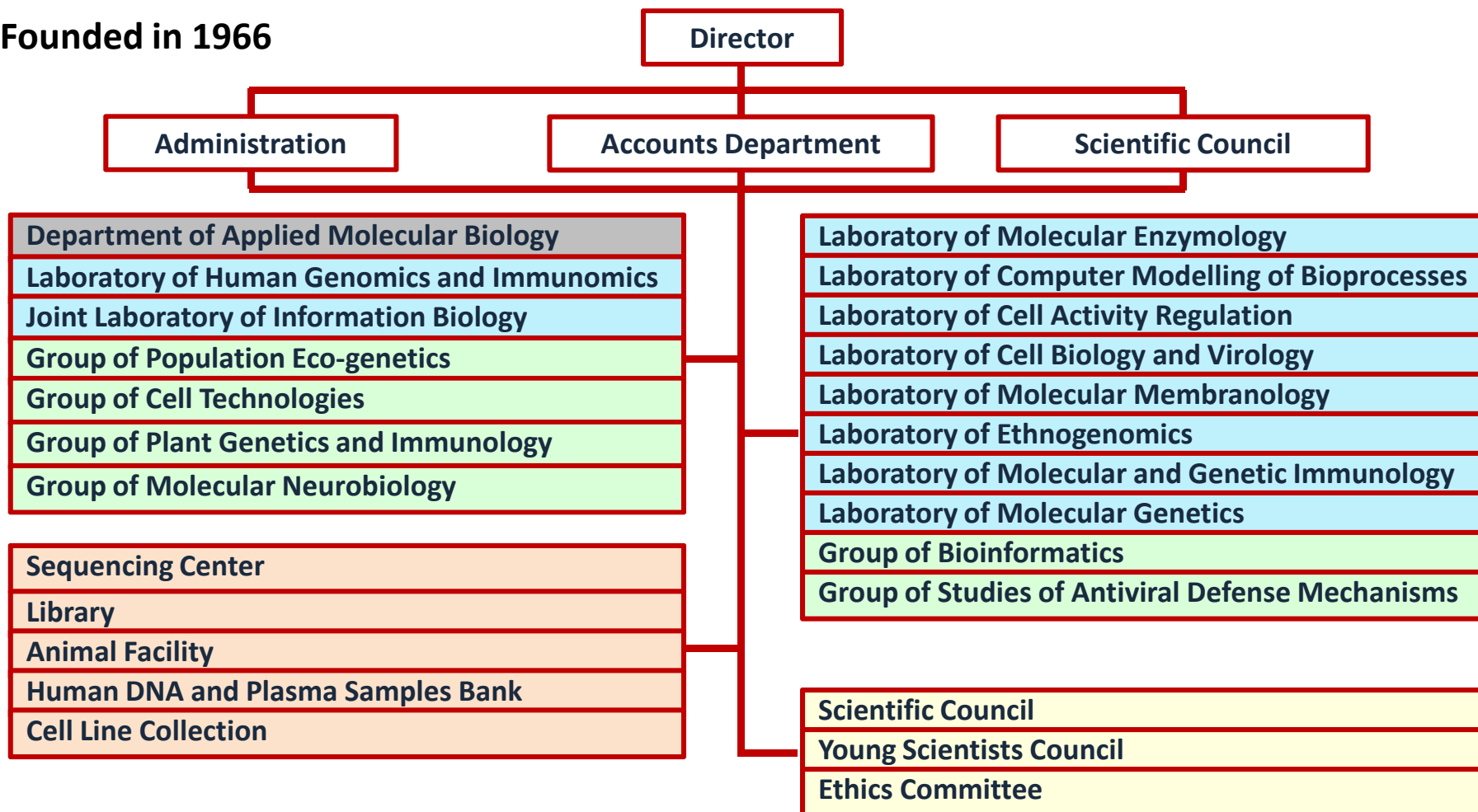
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VERITAS
STRUCTURAL DEVELOPMENT OF THE THIRD CYCLE BASED ON SALZBURG PRINCIPLES

INSTITUTE OF MOLECULAR BIOLOGY NAS RA

Founded in 1966





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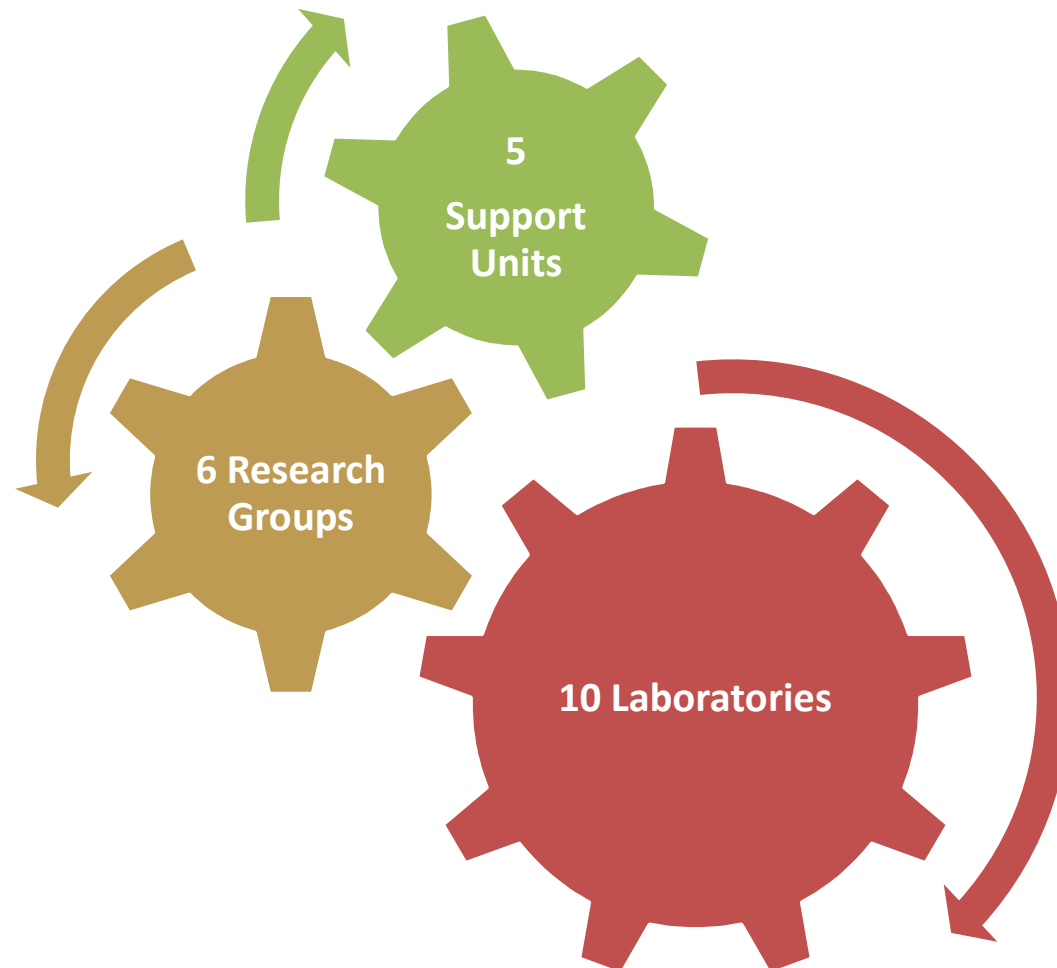


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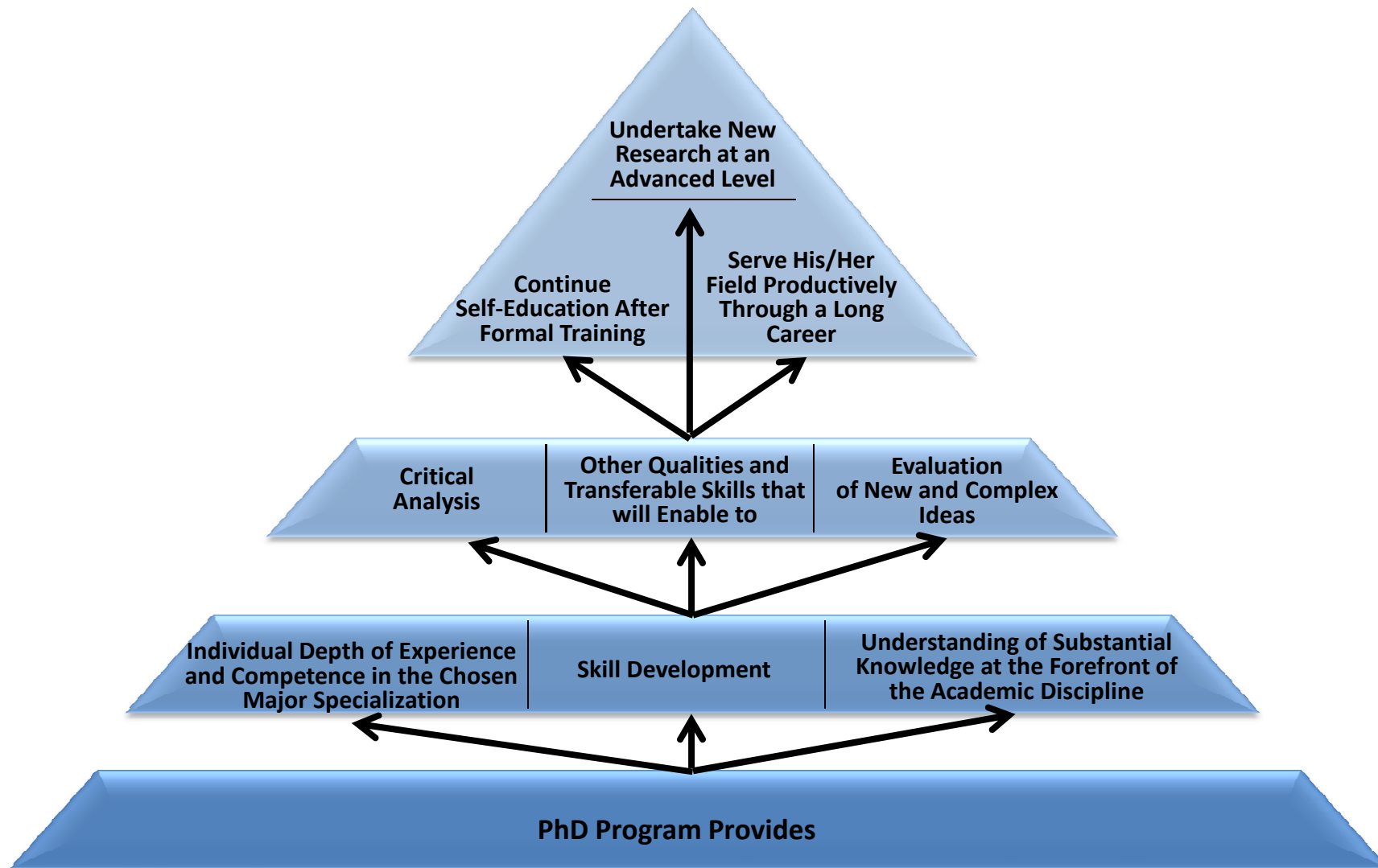
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PHD IN MOLECULAR AND CELLULAR BIOLOGY





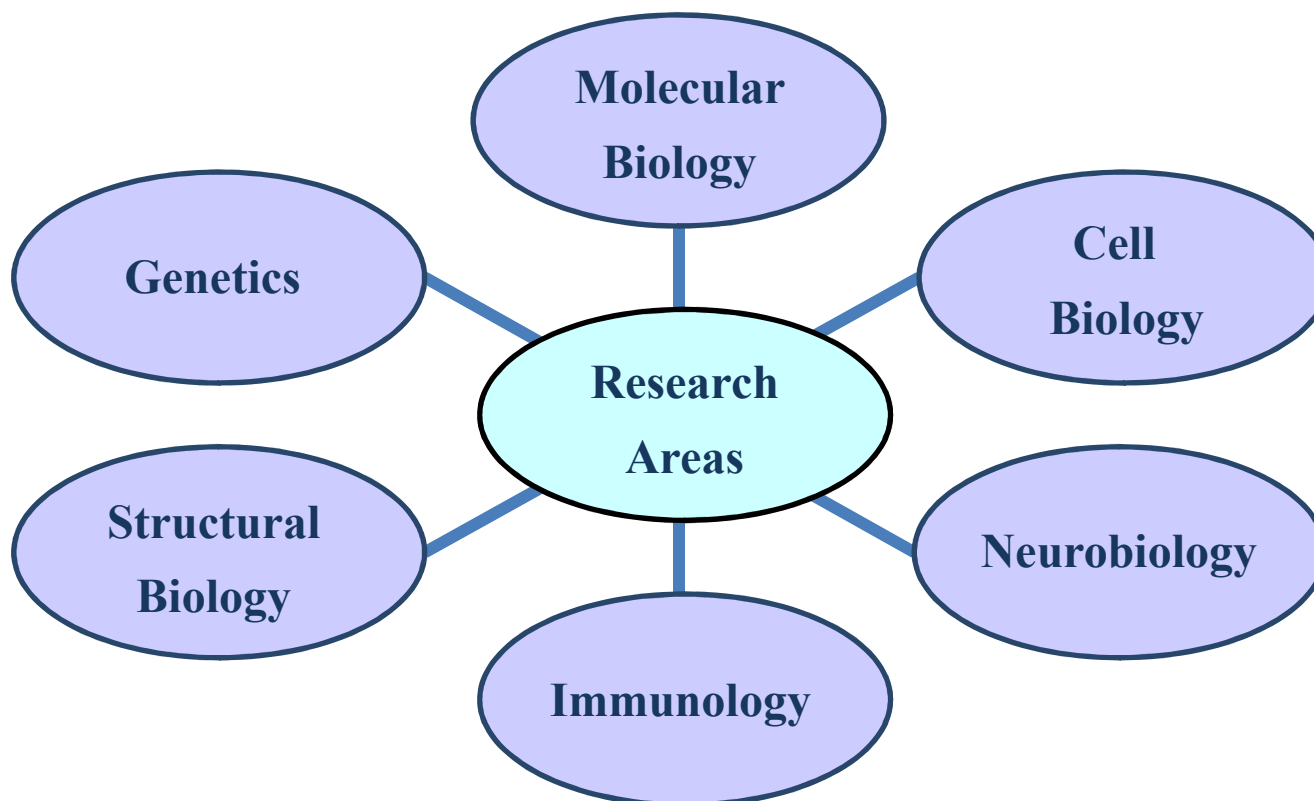
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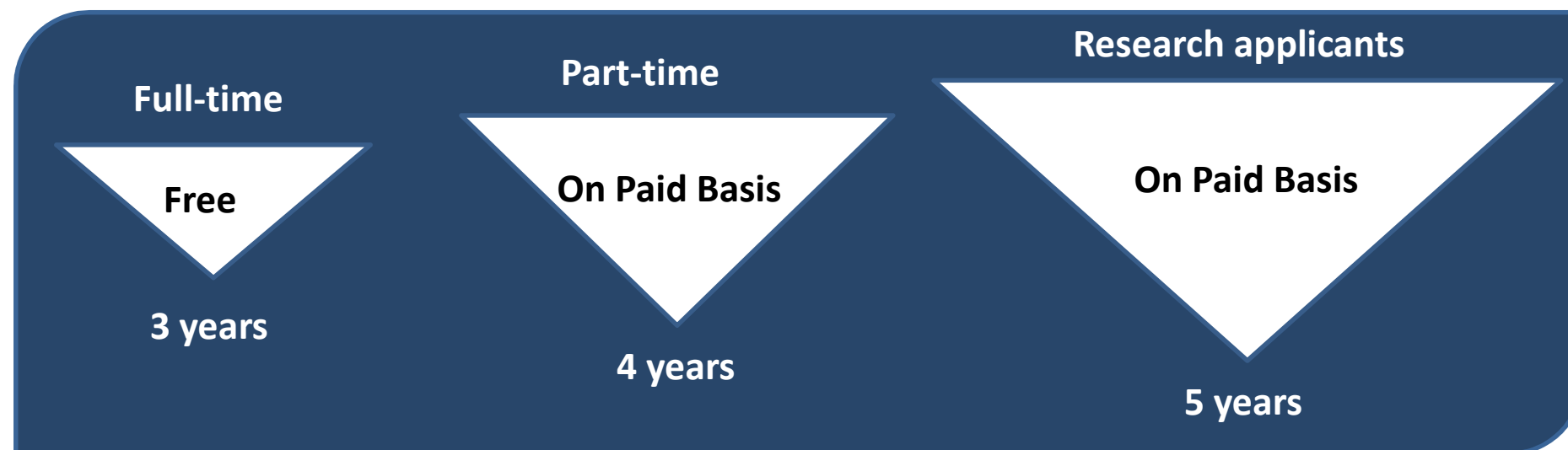
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ADMISSION



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ADMISSION

Applicants Must Have

**Master's degree or Diploma Specialist's degree
in Biology or Biochemistry or other equivalent degree.**



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ADMISSION

Exams

- ✓ Specialization examination in the research field
- ✓ Foreign language (English, French or German)
- ✓ Informatics and/or Computer literacy test)
- ✓ 1 library research paper or 2 published articles.



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ADMISSION

Application Deadline

**Not less than 6 months before
the beginning of every academic year.**



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WHILE ADMITTED AS PHD STUDENT



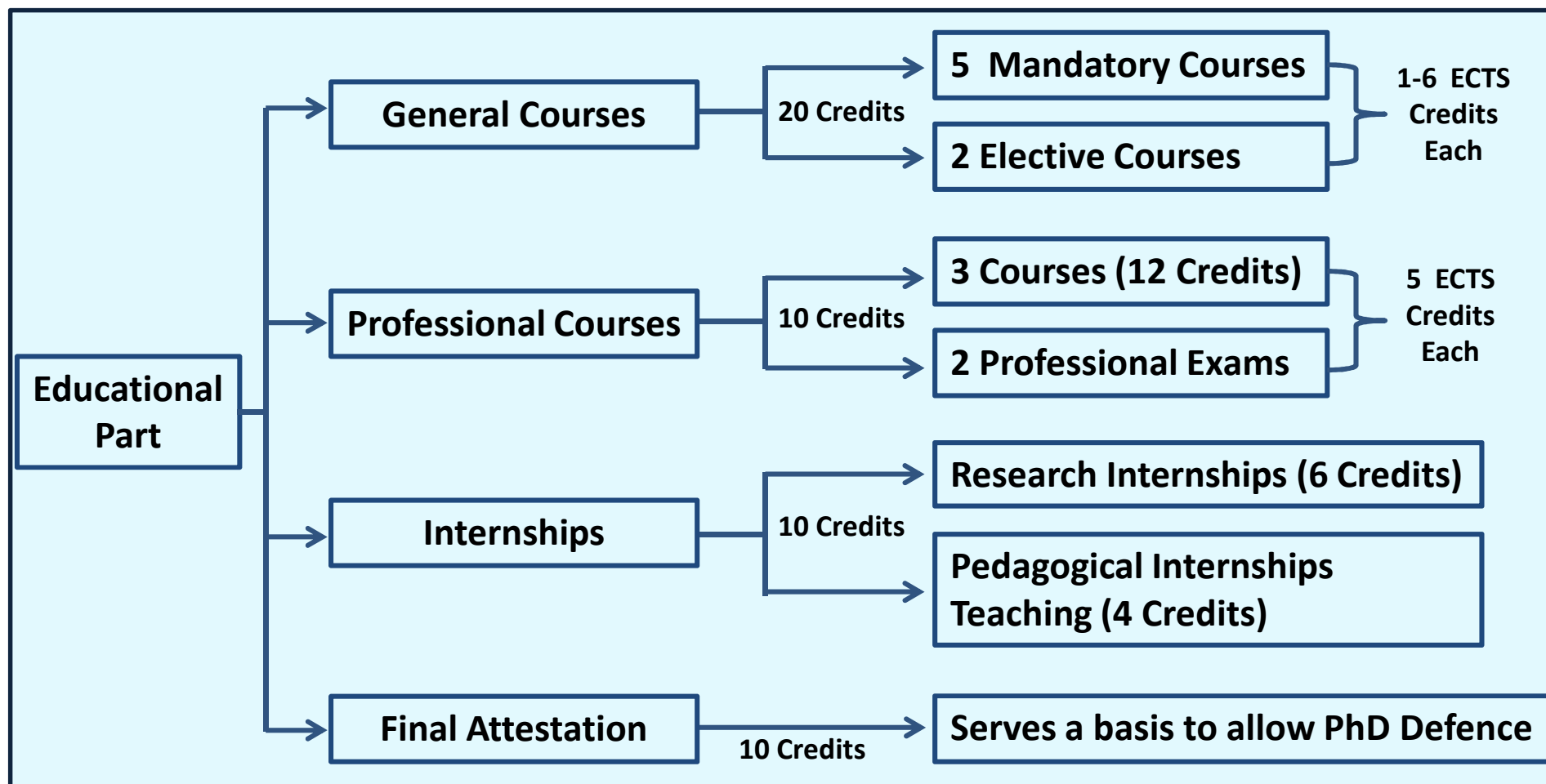
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STRUCTURE OF THE PHD PROGRAM





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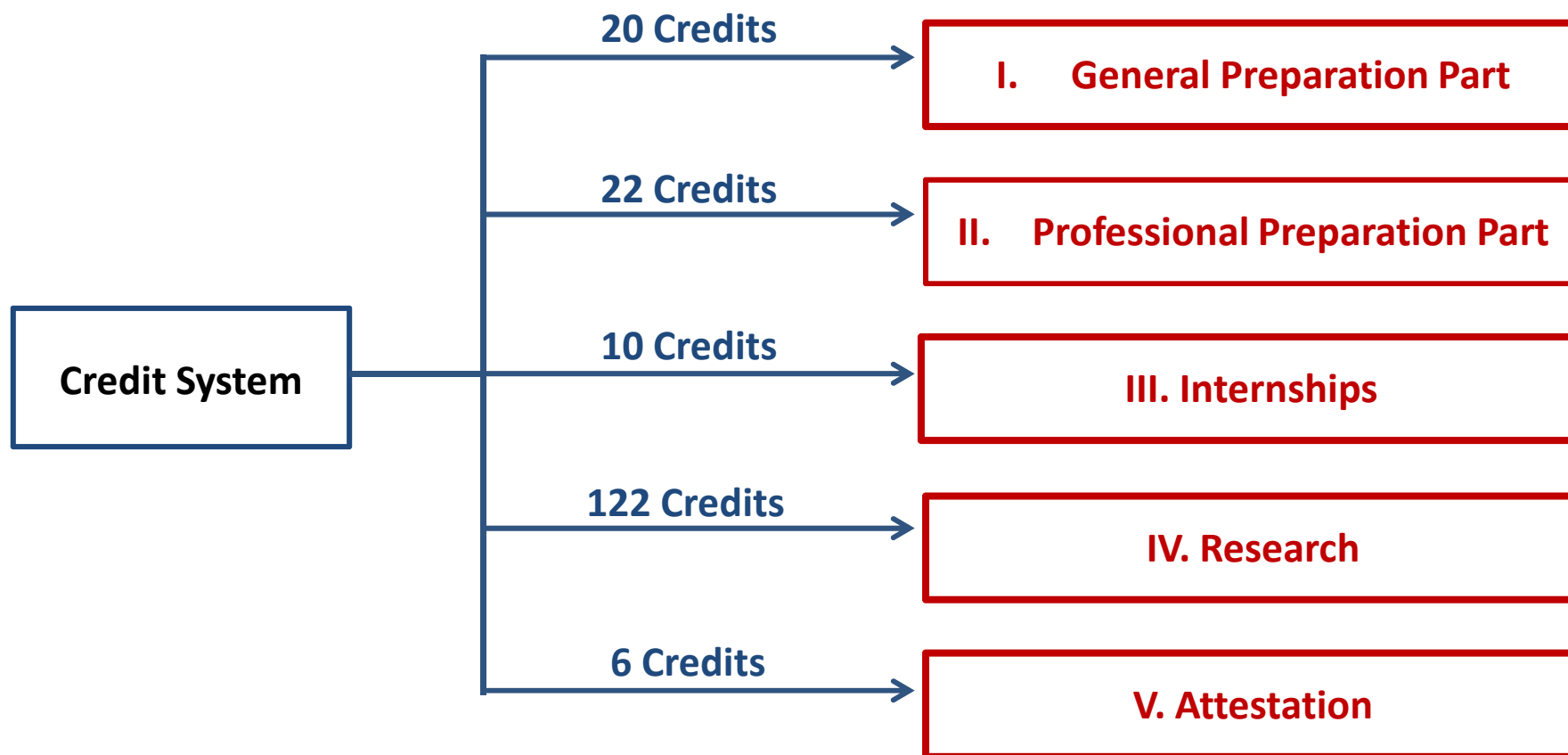


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WHILE ADMITTED AS PHD STUDENT

PhD student must score 150 credits





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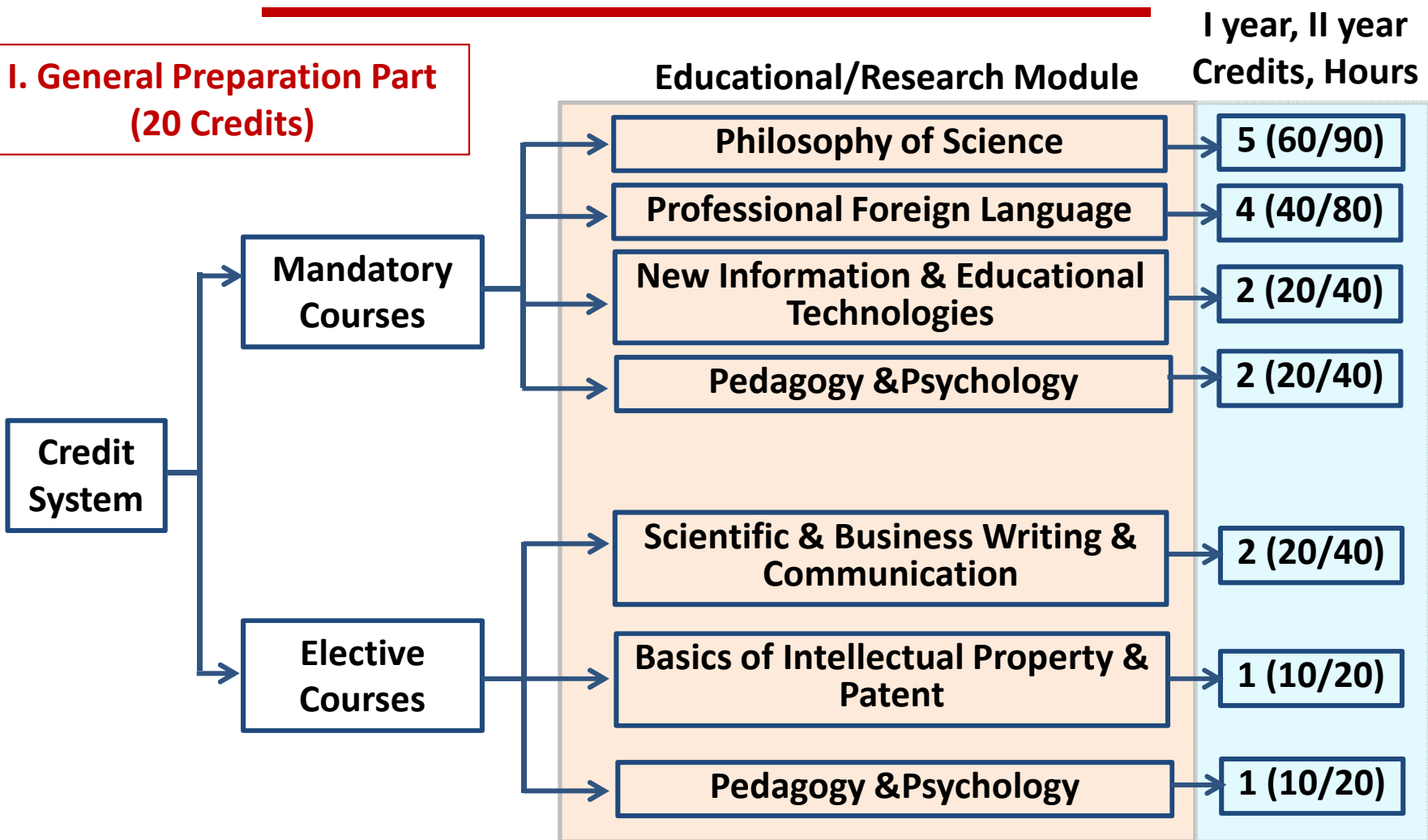


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**I. General Preparation Part
(20 Credits)**





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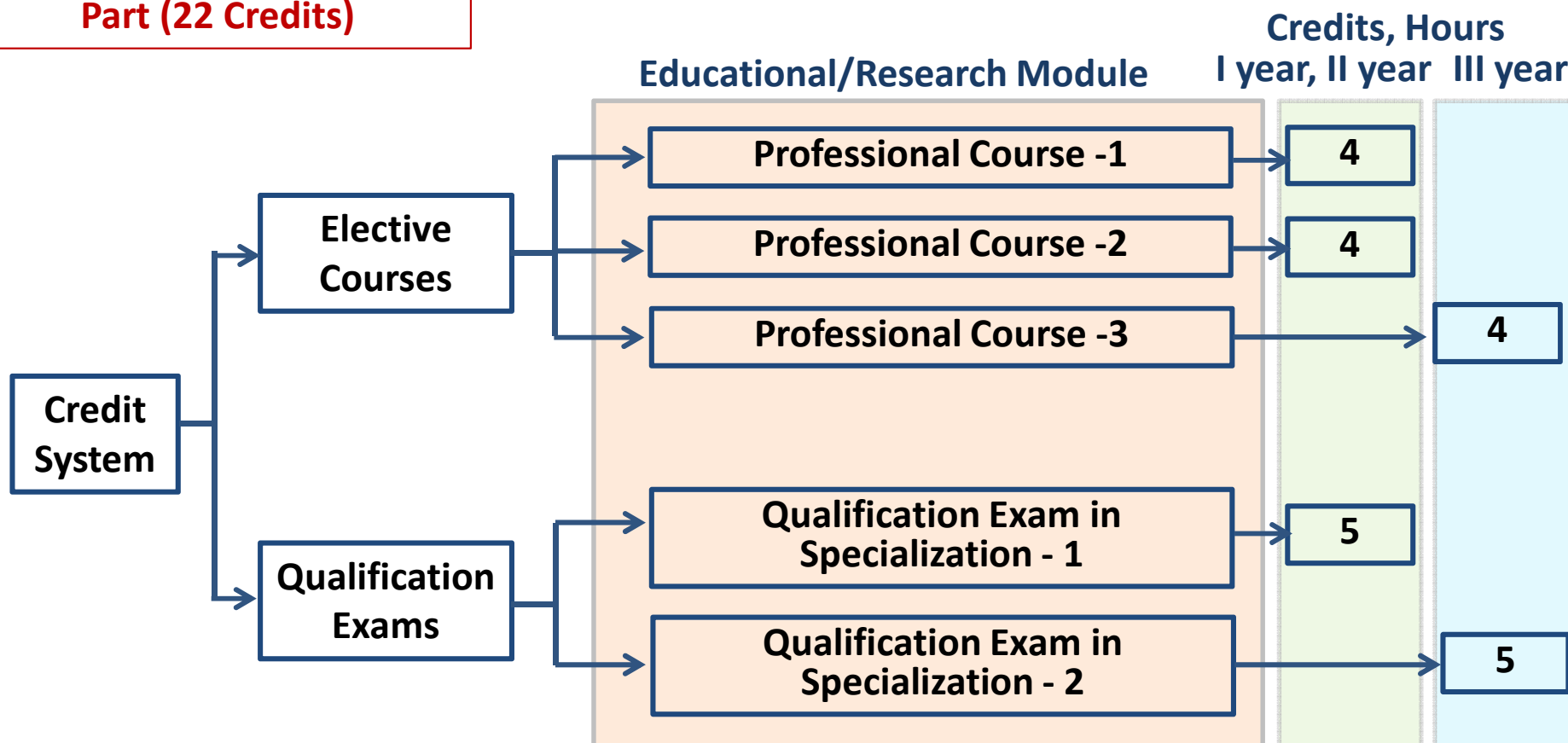


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WHILE ADMITTED AS PHD STUDENT

PhD student must score 150 credits

II. Professional Preparation Part (22 Credits)





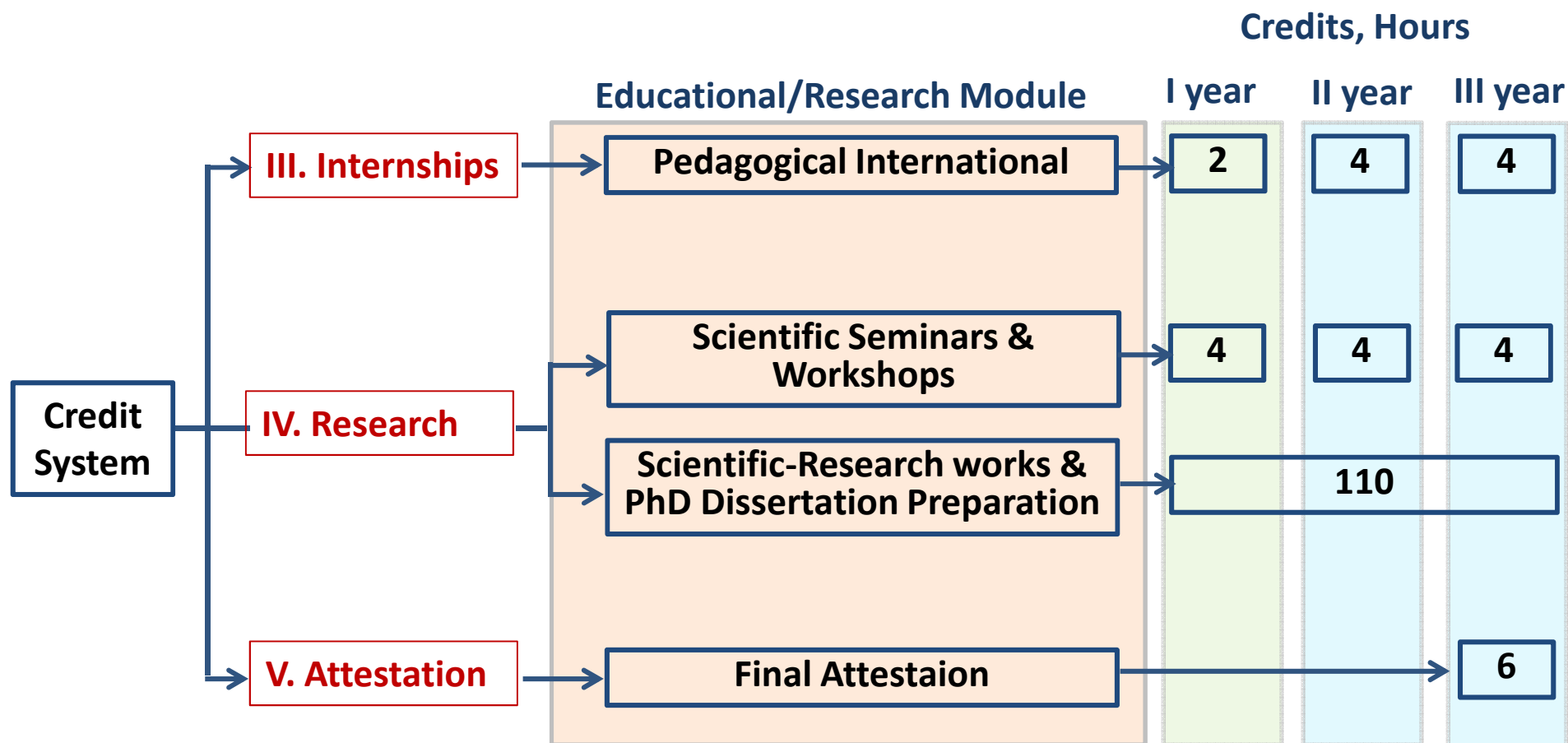
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PhD student must score 150 credits





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Assessment System & Scale

Assessment Score	Grade
5	“Excellent”
4	“Good”
3	“Satisfactory”
2	“Unsatisfactory”
Abs.	“Absent”
Passed / Not passed	“Passed / Not Passed”



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PhD Qualification Examinations

PhD
qualification
examination
periods

Autumn Semester → October - November

Spring Semester → May - June



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WHILE ADMITTED AS PHD STUDENT

Credits

PhD students/research applicants must accumulate 180 credits from:

- ❖ **Courses in major and minor;**
- ❖ **Internships;**
- ❖ **Participation in conferences and seminars.**



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**PhD Students Have Access To The
Infrastructure Of The HEI Or
Research Organization**

Laboratories

Computers

Equipment

Libraries



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WHILE ADMITTED AS PHD STUDENT

Reports

- ❖ PhD students/research applicants present annual progress reports.
- ❖ The Chairs, Department Councils of HEIs, Scientific Councils of research organizations regularly discuss and review the reports of PhD students/research applicants and their supervisors.
- ❖ PhD students/research applicants who fail the report may be expelled by the order of Rector of HEI or the head of research organization.



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DISSERTATION DEFENCE



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DISSERTATION DEFENCE

After completion of dissertation a pre-defense is organized by the relevant chair, after which the PhD student may apply to defend the dissertation in the relevant Specialized Council



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DISSERTATION DEFENCE

Dissertation Reviewing Bodies

- ❖ Supervision and mentoring team
- ❖ Two internal reviewers nominated by Scientific Council
- ❖ Scientific council through pre-defense presentation

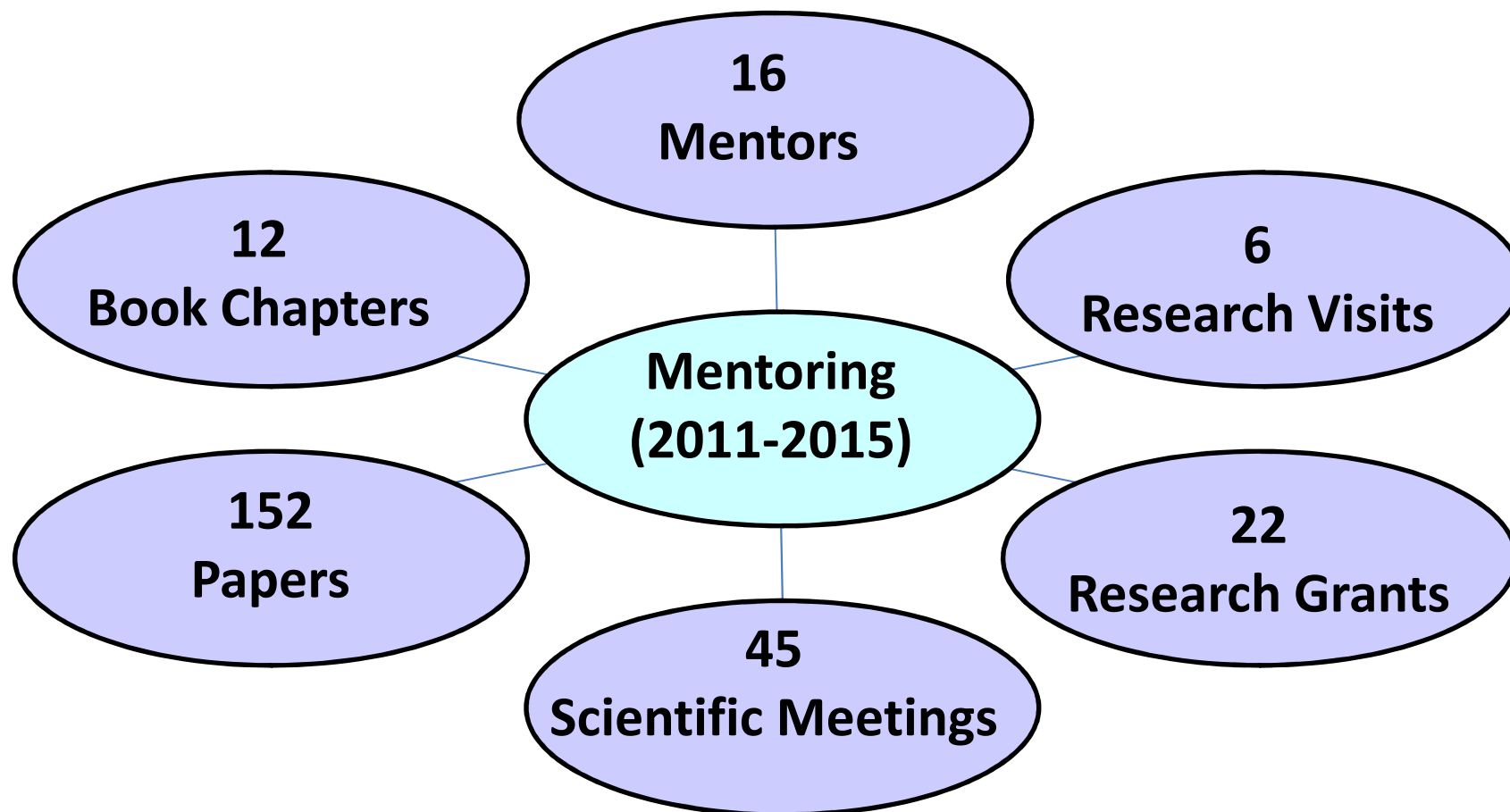


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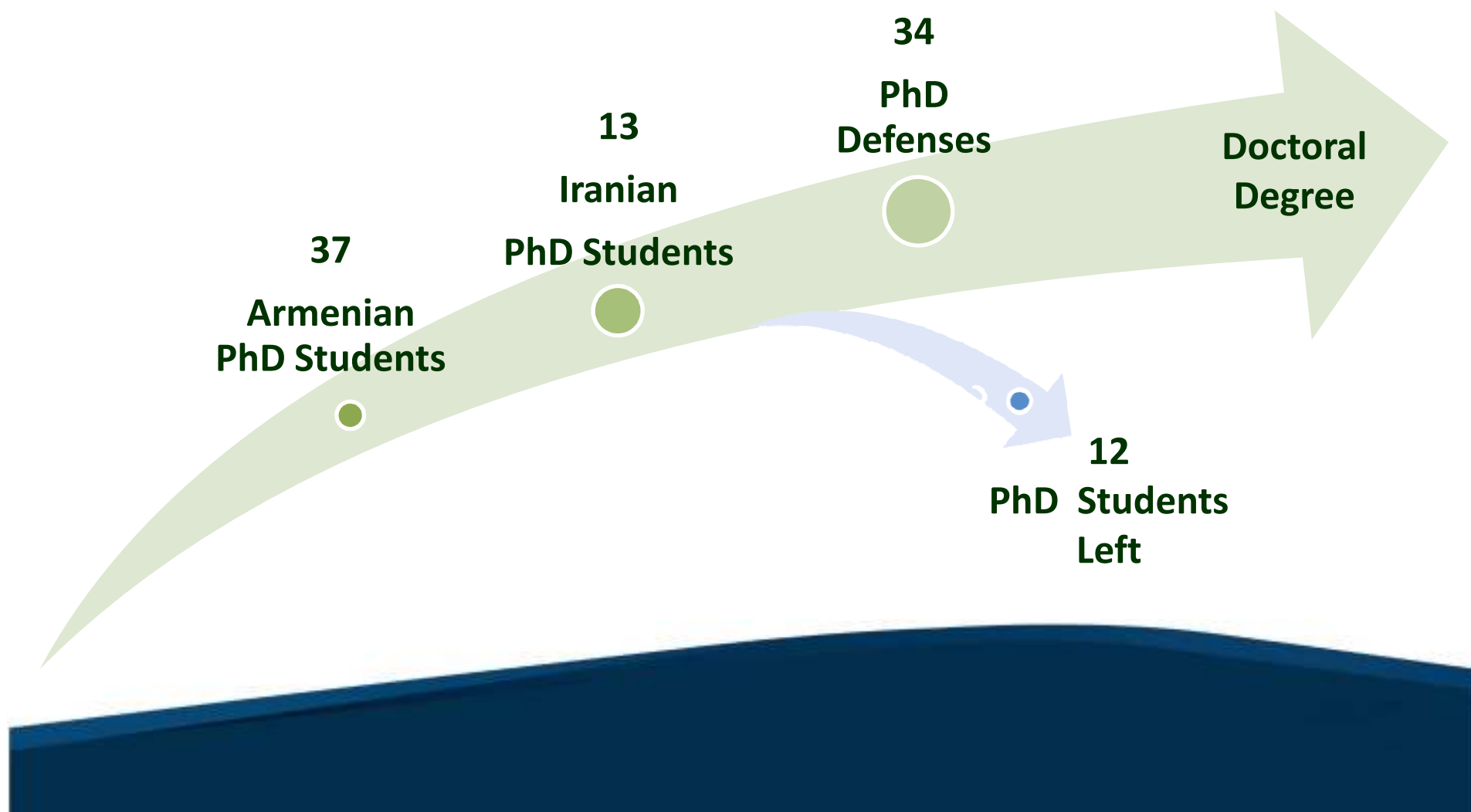
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PHD STUDENTS 2010-2017





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SCIENTIFIC LIFE OF PHD STUDENTS

AT IMB



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GRANTS



ANSEF grant winners



European Federation of Immunological Societies



Ministry of Education and Science of Armenia
State committee of science

Visegrad Fund

FREE EDUCATION & SCHOLARSHIPS

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

Study in Germany



Land of Ideas





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OUR PHD STUDENTS



Winners of the competition
"100 Ideas for Armenia"



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OUR PHD STUDENTS



PhD defense at Leipzig University



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OUR TUTORS



Meeting with the President of NKR



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OUR TUTORS



SCS RA Golden Medal 2016



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SEMINARS



Invited Speaker from US

“NEUROMODULATION AND NEURAL PROSTHESIS”



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SEMINARS



Invited Speaker from Lebanon

“From cancer to brain, Lessons from the fruit fly *Drosophila melanogaster*”



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SEMINARS



Invited Speaker from Austria

“Macrophage sub populations and treatment of inflammation”

SEMINARS



2 Invited Speakers from USA

“Monitoring of African Swine Fever”



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SEMINARS



Invited Speaker from USA

“Role of Piezo ion channels in perception of mechanical force”



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SEMINARS



Invited Speaker from Pakistan

“Telomerase activity regulation in yeasts”



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VERITAS
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ORGANIZATION OF SCIENTIFIC MEETINGS



Invited Speakers from USA, Switzerland,
“YOUNG SCIENTISTS SCHOOL-2017”



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ORGANIZATION OF SCIENTIFIC MEETINGS



Invited Speakers from USA and Switzerland,

“INTERNATIONAL YOUNG SCIENTISTS SCHOOL-2016”



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ORGANIZATION OF SCIENTIFIC MEETINGS



4 Invited Speakers from USA and Switzerland

“INTERNATIONAL YOUNG SCIENTISTS SCHOOL-2015”



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ORGANIZATION OF SCIENTIFIC MEETINGS



Invited Speaker from Germany

“Disentangling diversity in complex biodata: an R course”



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ORGANIZATION OF SCIENTIFIC MEETINGS



**20 Invited Speakers from
USA, Germany, Czech Republic, Denmark, Russia, Estonia
“Young Scientists Conference”**



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OPEN DAYS FOR SCHOOL CHILDREN



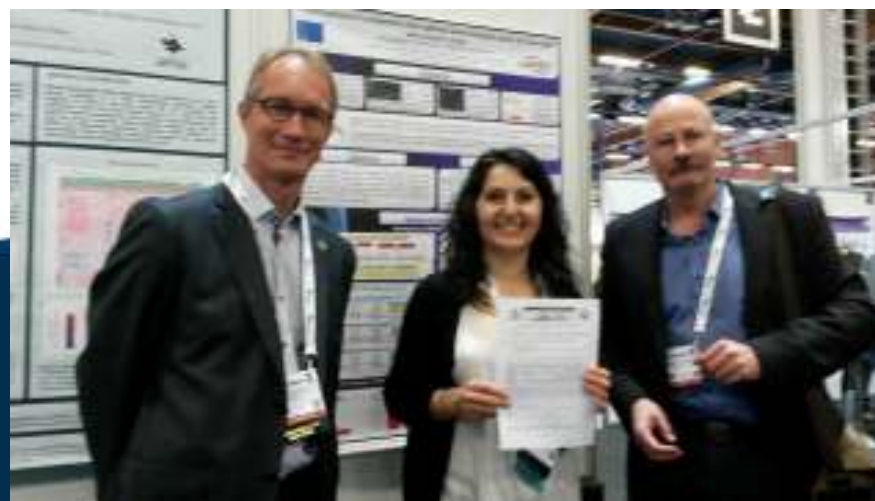


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PARTICIPATION IN SCIENTIFIC MEETINGS





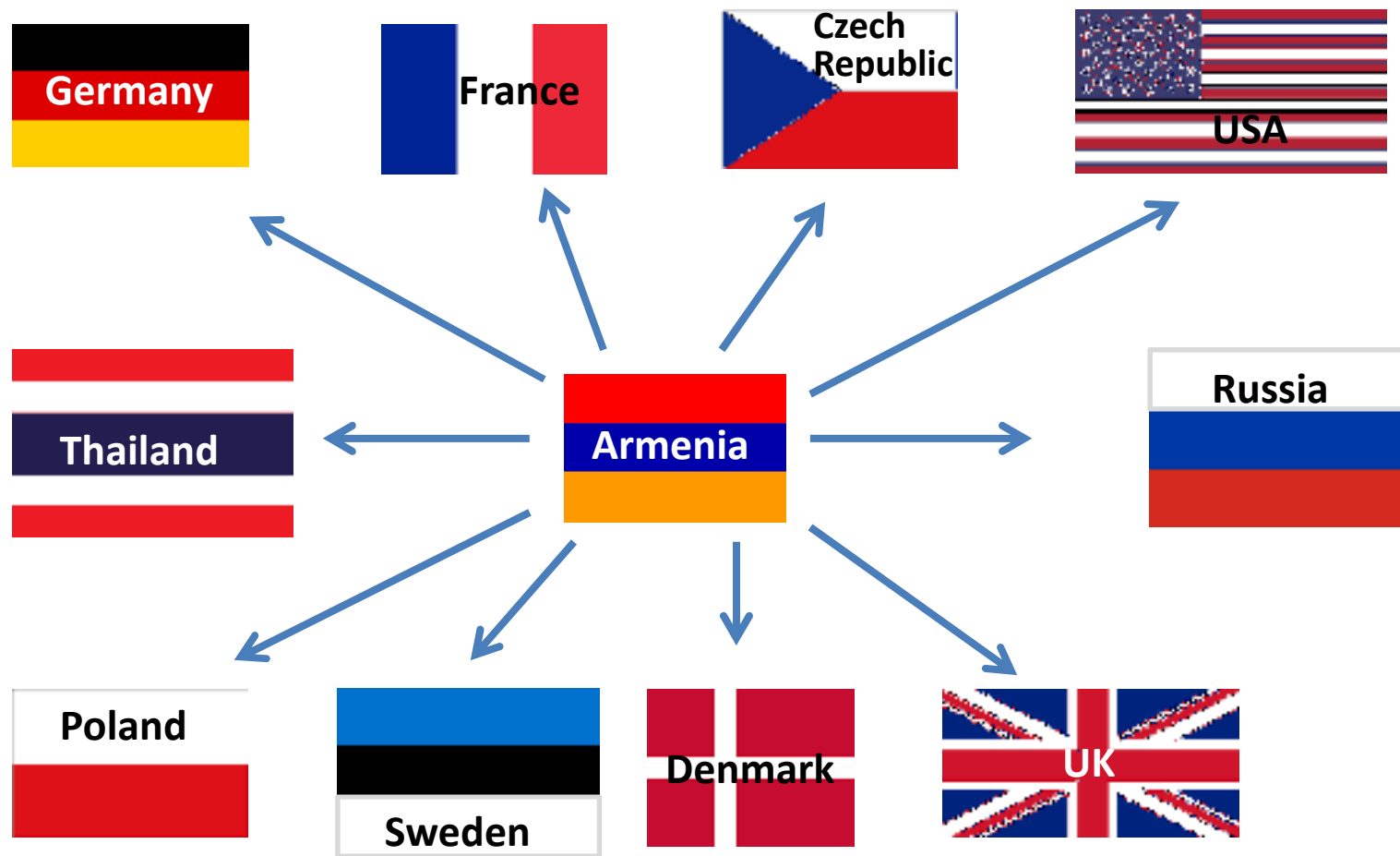
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SCIENTIFIC VISITS





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VOLUNTEER CLEAN-UP





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WHERE ARE OUR PHDs NOW



Arsen Arakelyan
Director of IMB



**Lecturer at AYB
School and AUA**



Levon Manukyan
Research Assistant, Product Manager at
Uppsala University,
Sweden



Aren Khoyetsyan
JSC Olainfarm



Gohar Tsakanova
Vice Director of IMB



Mihran Lazyan
Director of
Vetexpert
Veterinary Group



Lilit Hovhannisyan
Postdoc
Gdansk University,
Poland



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Thank You For Your Attention

