

Republic of the Philippines  
Department of Science and Technology

# PHILIPPINE SCIENCE HIGH SCHOOL BICOL REGION CAMPUS

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### TRUTH

### EXCELLENCE

### SERVICE

Operating under a nationwide research-oriented and STEM specialized public high school system in the Philippines, **PHILIPPINE SCIENCE HIGH SCHOOL – BICOL REGION CAMPUS**, located at the foot of **Mount Isarog**, is the premier coeducational and boarding science high school in the entire region, providing scholarships every year to 90 stellar Filipino students from both public and private elementary schools.

# 532

## SCHOLARS

<http://brc.pshs.edu.ph/>

Tagantong, Goa,  
Camarines Sur, 4422  
Bicol Region, Philippines

Main: 871-2280 loc. 101  
Counseling: 871-2280 loc. 118

School ID code:



Quality Management System  
ISO 9001:2015  
Bureau Veritas SA

Institutionalized by the Republic Act 3661 tailored for delivering free secondary science and math education for the prospect of grooming Filipino scientists, the campus, since its foundation in 1998, offers privileges including:

- (1) textbooks and academic resources;
- (2) monthly stipend;
- (3) uniform, transportation, and living allowances;
- (4) ISO-certified Quality Management System; and
- (5) access to faculty members who have specialized in their respective fields, with exactly **ZERO** tuition to pay.

## at a Glance

# 51

Faculty Members

# 06

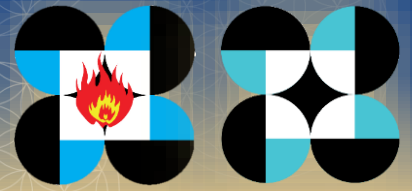
Holding  
Doctorate

# 23

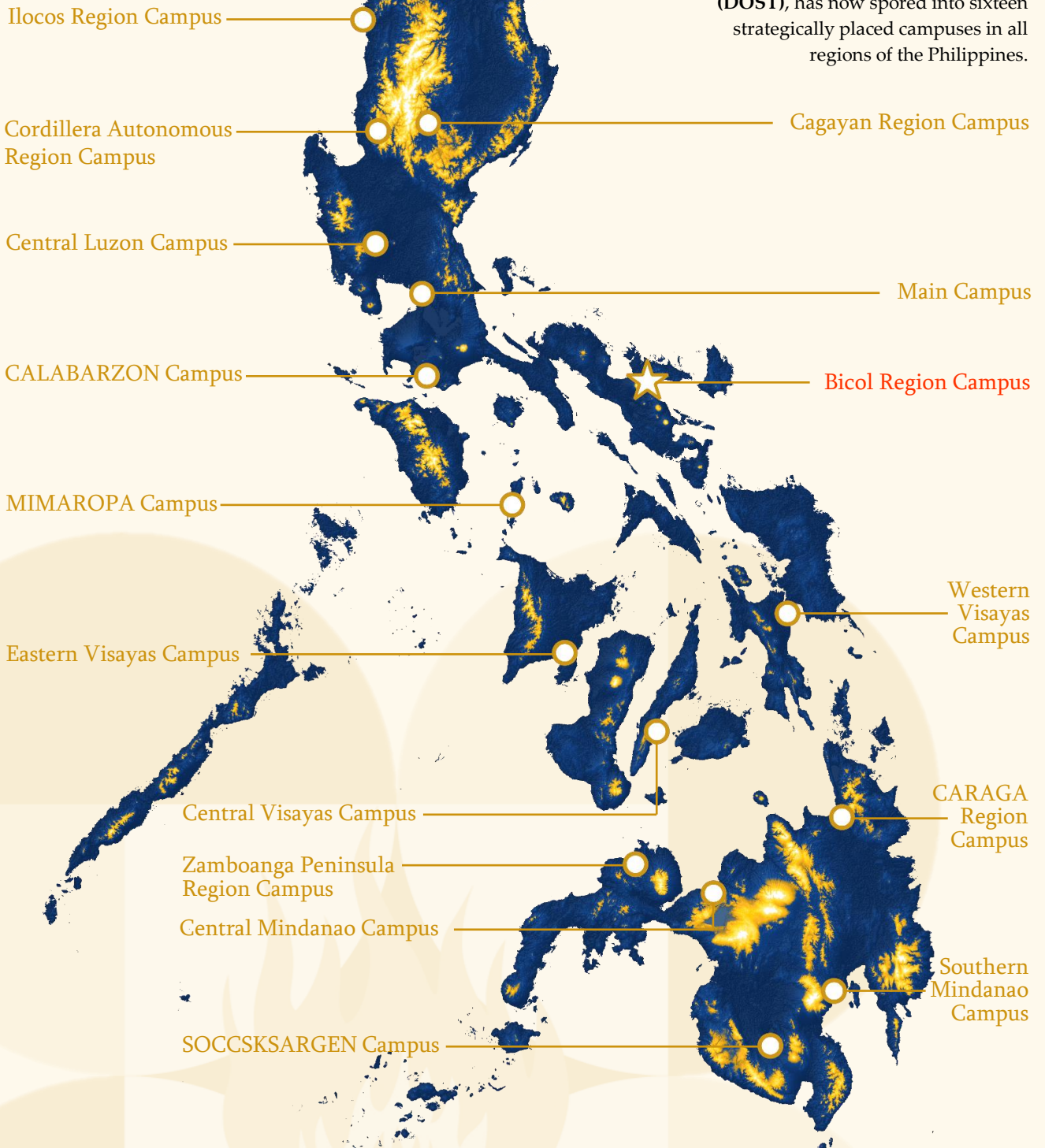
With Master's  
Degree

### PSHS System amid COVID-19

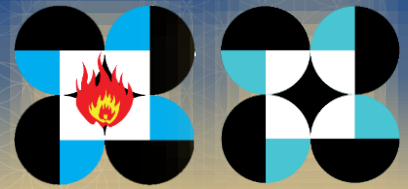
- Conducts A/Y 2021-2022 First Quarter remotely
- Follows Curriculum under Remote or Blended Learning
- Students have the option to adopt either online (through LMS) or modular learning



The system, as an attached agency of the **Department of Science and Technology (DOST)**, has now spored into sixteen strategically placed campuses in all regions of the Philippines.







## Admission Process

We, in PSHS, screen our potential scholars through the National Competitive Examination (NCE) where about 25,000 students from diverse provinces and cities compete to qualify for the upper 10% of the examinee pool. A precondition to participate in this is that their grades in Science and Mathematics are equal to or higher than 85%, or that they belong to the upper 10% of the overall class.



from the **regional pool**  
of the **20,000-25,000**  
nation-wide applicants.

Only students belonging in the upper 10% of their respective elementary schools may take the entrance examination.

### Covid-19 related changes

As corollary to the physical restrictions imposed, the PSHS System, for A/Y 2021-2022, conducts an alternative admission process which is the **Requirements for Admission, Criteria, and Evaluation (RACE)** that places academic performance through transcripts and writing proficiency through essays into a heavier consideration now that exams cannot be administered. This, nonetheless, has likewise yielded a competitive freshmen class.

## Curriculum

Considered as the 'the most rigorous' in all of PH's secondary education, the 6-year PSHS curriculum, from Grade 7 to Grade 12, aims to dimensionalize foundational and advanced STEM and humanities subjects, with insights of, from, and for the greater society. To accurately manage this shared academic prospect, this is structured by three incrementing periods in students' high school life:

#### (1) The Foundation Years

integration of academic precursors for all fields

#### (2) The Advancement Years

deepening of knowledge, skills, and values to prepare scholars for their specialized venture

Biology, Chemistry, and Physics have branched out from the previous Integrated Science

Humanities subjects remain

#### (3) The Specialization Years

given the opportunity to pursue the fields of their interest as their core science (Tracks\*) and as their elective. Together with their Math courses, scholars are given the option to choose the level of difficulty, either Level 1 or Level 2, and all other subjects, including the Service, Creativity, Action, and Leadership Enhancement (SCALE) Program, remain mandatory.

\*Tracks: Biology, Chemistry, and Physics

To learn more about the curriculum's entirety, refer to link below:

<http://www.pshs.edu.ph/curriculum/>



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## Grading System Calculation

PSHS follows a quarterly schedule in its unique academic calendarship starting August, as opposed to the standard DepEd Filipino educational system which starts in June. Grades are available at the end of each quarter (November, February, April, and June). By convention, class rank is not reported.

Paradigmatic to existing cumulative systems of grading, the computation of subject grades, except for the first quarter, is done using this formula:

$$\{ [(Tentative Grade) * 2] + [Previous Grade] \} / 3$$

The result is truncated to three (3) decimal places. The following tables are used for transmutation and academic performance evaluation:

AVERAGE	QUARTER GRADE	PSHS GRADE	EQUIVALENT	ADJECTIVAL EQUIVALENT
1.000-1.125	1.00	1.00	98	EXCELLENT
1.126-1.375	1.25	1.25	97	
1.376-1.625	1.50	1.50	96	
1.626-1.875	1.75	1.75	93	VERY GOOD
1.876-2.125	2.00	2.25	87	
2.126-2.375	2.25	2.50	84	
2.376-2.625	2.50	2.75	82	GOOD
2.626-2.875	2.75	3.00	80	
2.876-3.125	3.00	4.00	70	SATISFACTORY/FAIR
		5.00	60	FAILED

\*This table is used for college application purposes.

## Character Rating

The quarterly character rating is determined by getting the mode of the character rating given by at least five (5) faculty members for every character quality (trait).

LETTER CODE	ADJECTIVAL EQUIVALENT	NUMBER CODE
E	EXCELLENT	1
VG	VERY GOOD	2
G	GOOD	3
F	FAIR	4
NI	NEEDS IMPROVEMENT	5

Scholars are rated based on the following qualities:

- Integrity
- Industry and Resourcefulness
- Observance of School Rules and Regulations
- Cooperation
- Responsibility
- Respect for others and Property
- Physical Well-Being (Health Consciousness and Grooming)

## Research

STEM Research is the legacy of PSHS education. Scholars are bound to come up with science research titles, with concentrations including but not limited to microbiology, chemistry, mathematical modelling, automation/robotics, and engineering (e.g., biomedical and electrical). Specialized research advisers guide them along this journey, all the while advocating for them in annual science fairs where panel delegations have been from esteemed academes and institutions all over the country (Research Pitch). Aside from being an avenue for scholars to improve their public speaking and critical thinking skills, research projects, at its core, help scholars construct solutions apropos real life problems.

## Science Internship Program

This program provides an avenue for students to suspend from the current academic atmosphere of the campus by immersing them in environments where they can gain practical experience and knowledge for their idealized career paths. Local and international government agencies, institutions, and corporations accustomed with scientific work are where some of our incoming Grade 10 to 12 scholar interns are assigned in to spend their one summer break before their academic year. The program requires a minimum of 80 hours of work. Likewise, the student-preferred fields range from biological sciences, organic chemistry, theoretical physics, applied mathematics, computer science, and different branches of engineering.

Some partner institutions include:



De La Salle University



University of the Philippines (Diliman)



University of the Philippines (Manila)



Ateneo de Naga University



Wholesale Electricity Stock Market



National Institute of Physics



Edukasyon.Ph



Department of Science and Technology



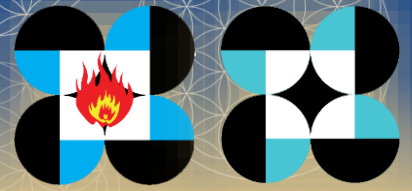
Department of Energy



Philippine Fiber Industry Development Authority



DOST-Philippine Atmospheric, Geophysical and Astronomical Services Administration



## The SCALE Program

The Service, Creativity, Action, and Leadership Enhancement (SCALE) Program, stenciled after the International Baccalaureate's Creativity, Action, Service (CAS) portion, mandates *Pisay* scholars to streamline initiatives that may help them discover new skills and realize possibilities in line with their interest.

The following are some of the sample projects under the SCALE Program:

- (1) Ataraxia: A Mental Health Support Concert
- (2) Tales for a Cause : A Storytelling Event
- (3) MapaTagontong : Community Mapping Project
- (4) Boxing (Fitness Wellness)
- (5) Louder: Online Social Commentary Art Exhibition

## ALA Organizations

PSHS implements the following guidelines in the Alternative Learning Activity (ALA) in all sixteen (16) campuses:

- All Grade 7 - Grade 10 students must enroll in one club of their choice/interest.
- Each recognized academic club must have a minimum of fifteen (15) members.
- Clubs should meet at least once a week on a regular scheduled meeting.

The performance or involvement of student-member in club activities will not be graded and will not reflect in the report cards and other academic records.

- (1) Alliance of Chemistry Enthusiasts (ACES)
- (2) Advanced Programming Club (APC)
- (3) Arab-adab (Filipino School paper)
- (4) PROXIMA (AstroPhysics Club)
- (5) The Bicol Scholar (English School paper)
- (6) Builders Club
- (7) Congregation of Time and Choices (CTC/ History Club)
- (8) Days with the Lord
- (9) Earth Savers Club
- (10) Society of English Enthusiasts (SEE)
- (11) Haligi ng Wika (Filipino Club)
- (12) Iskolarts (Arts Club)
- (13) Scholar's Intellectual Guild of Mathematicians (SIGMa / Math Club)
- (14) Pisay Performing Arts Guild (PIPAG)
  - (a) Angklung Ensemble
  - (b) Rondalla Club
  - (c) Chorale (School Choir)
  - (d) Drum and Lyre Corps (DLC)
- (15) Photography Club
- (16) Science Club
- (17) Sports Club
- (18) Supreme Student Government (SSG)
- (19) Synergy of Appreciation and Promotion of Science (SYNAPSE)

## Advanced Placements

All constituent PSHS campuses are not under the College Board's Advanced Placement Program, since aside from implementing a curriculum different from the standard Filipino educational system which also evades from this program, courses provided by the PSHS academic departments are already distinctly accelerated/college level and specialized to cater gifted demands. Nonetheless, students who still insisted to take the Advanced Placement examinations have garnered results being 5 or 4, consistently proving the academic rigor and level of their represented class.

### NOTABLE ACHIEVEMENTS

World Innovation Contest  
 Young Inventors Challenge  
 International Invention Innovation Competition  
 International Chemistry Quiz  
 International Olympiad in Informatics  
 International Kangaroo Mathematics Contest  
 Hong Kong Mathematics Olympiad  
 Thailand International Math Olympiad (TIMO)  
 International Geography Challenge  
 Southeast Asian Mathematics Olympiad (SEAMO)  
 World Robot Olympiad  
 Philippine International Mathematical Olympiad  
 National Olympiad in Informatics  
 Philippine Mathematics Olympiad  
 National Geography Challenge  
 National Geology Quiz  
 National Secondary Schools Press Conference  
 National Biology Olympiad  
 Philippine National Chemistry Olympiad  
 University of the Philippines Research Fair

## Matriculations

Ateneo de Manila University  
 De La Salle University - Manila  
 MAPUA  
 Philippine State College of Aeronautics  
 Texas University - Qatar  
 University of Alberta - Canada  
 University of Santo Tomas  
 University of the Philippines – Diliman  
 University of the Philippines - Los Baños  
 University of the Philippines - Manila