

Star Army Science Officer

Star Army Science Officer is a career officer [occupation](#) and duty position in the [Star Army of Yamatai](#). Science officers product support to their unit in the fields of science and exploration. As such, they are valuable experts as the Star Army continues to expand and explore the known universe.

The occupational uniform color for Science Officers is [Green](#). The MOS code for this [career occupation](#) is 07.

Playing

Star Army Science Officers are highly trained and highly knowledgeable from their studies. Scientists may work on the bridge to assist in interpreting sensors and scanners there but are more often seen with away teams to assist and study that which they find. As a trained Star Army science officer progresses throughout their career, they may come to specialize within a particular field.

The most influential work a Star Army scientist does is often done in the ship's downtime when studying what was procured during a mission or working on making one of their hypotheses into a working theory.

A great science officer should be the go-to person for solving many of the ship's problems and will find the answers to those questions by employing the scientific method, reasoning, and inventiveness. They are also the go-to person for handing back samples and can often be found in the science sections of the

ships during the appropriate periods for being at work during the ship's schedule.



History

There have been Science Officers in the [Star Army of Yamatai](#) since its founding in [YE 21](#).

In [YE 45.7](#), this became an officer occupation¹⁾.

Eligibility

[Educational Facility 1](#) on [Ketsurui no Iori](#) and [Star Army Academy](#) on [Yamatai \(Planet\)](#) are the primary locations for teaching science officers in the Star Army of Yamatai. On top of the standard [training](#) times for basic, education in the scientific field takes around 4 years to receive a degree and begin work as a science officer.

Ranks

The minimum rank for this occupation is [Shoi Kohosei^{2\)}](#) and the maximum rank is [Taisa](#).

Equipment

Scientists gained a major upgrade to their toolkit in [YE 43](#) with the addition of the [Star Army Science Pad and Kit Type 43](#) an [Multi-Role Science Drone Type 43](#). Scientists are often seen wearing white lab coats to avoid staining of their duty uniforms or interaction of its components with the sometimes volatile substances of their work.

They are often found in [Star Army Combined Sciences Laboratory](#) or deployed to a planet in a [Star Army Field Laboratory Type 43](#).

There is a list of minor products for the sciences, [Star Army Minor Science Equipment](#). This includes simple products like labware and glassware.

Skills

A trained Star Army science officer will have general knowledge in a large breadth of disciplines. Though later in their career a scientist may begin specializing, Star Army scientists just out of scientific training will be generalists, both knowledgeable and capable in all of the following areas:

Physical Sciences

- Planetology: The origin, composition, and distribution of matter throughout space.
- Astrophysics: The application of physics and chemistry to astronomy.
- Astrochemistry: The study of composition, property changes, and states of matter of chemical elements and molecules in space.
- Meteorology: The application of atmospheric chemistry and atmospheric physics to weather observation and forecasting.

Biological Sciences



- Astrobiology: The study of the origin, distribution, and evolution of life in space.
- Genetics: Genes, gene variation, and heredity in all living organisms.
- Cybernetics: The study of the fusing of living organism and machine.

Social Sciences

- Xenology: The study of the social, psychological, and biological evolution of foreign species.
- Anthropology: The study of past and present aspects of societies, such as norms, values, histories, social life, and the cause and effect of those things.
- Psychology: All aspects of conscious and unconscious thought are studied by psychology and it delves into the mind and behavior in order to better understand individuals and groups.
- Linguistics: The study of language and its structure across different planets and cultures.

Computer Sciences

- Computer Science: The theory of computation and design, including coding, algorithms, programming language, computer security and cryptology as well as interfering with communications, signals, and surveillance, as well as seeking out and exploiting weaknesses in computer systems.
 - Artificial Intelligence (AI): Deep understanding of artificial intelligence systems at work in order to work with [MEGAMI](#), [PANTHEON](#), and AI of enemies of the Star Army. The [Nekovalkyrja Operating System](#) is not something that is taught.

Additional Player Expectations

This is a great position for a character that wants to investigate old lore and create new lore through their player character!

Science Officers need to know science, physics, etc, well enough IRL to allow their characters to be able to use it in game. This should require considerable work on the player's part, and there should be few science officers because of this, but ultimately that should be why science is the 'fast track' in Yamatai's Star Army. The amount of things a science officer can do in this setting is staggering! Ship design is probably the most popular but there is also forensics. Bypass razorwire by throwing a blanket over it, remind the captain that trying to put out an electrical fire with any [Fire Extinguisher](#) that uses water will only cause more damage, navigate the ship when it has been damaged by putting on a space suit and using a scanner, find out where the assassin fired from by looking at the impact angle and depth of their bullet holes, stop a sulfuric acid leak with a chocolate bar, and generally look for ways to apply science skills to the problems being faced by the crew. Most of the time tech inconsistencies and super-science shouldn't even be an issue.

List of Characters

These are the characters currently listed as Star Army Science Officers.



Page	SAOY Assignment	SAOY Rank	SAOY Occupation	Fleet/Org	Orders
Adelphress Svenghouli	Fort Victory Reserve Center	Santô Hei	Star Army Science Officer	Star Army Reserve	Orders
Aradia Shan	YSS Kanagawa	Jôtô Hei	Star Army Science Officer		Orders
Bjarnison Sigurd	Central Fleet Depot	Nitô Hei	Star Army Science Officer	Star Army Reserve	Orders
Blesi Ingrid	YSS Heartbreaker	Nitô Heisho	Star Army Science Officer		Orders
Calandri Valtok	YSS Wakaba	Nitô Hei	Star Army Science Officer	First Expeditionary Fleet	Orders
Calliope Cardinal	YSS Yukika II	Shoi	Star Army Science Officer	Fifth Expeditionary Fleet	Orders
Darnell Carlisle	Fort Victory Reserve Center	Santô Hei	Star Army Science Officer	Star Army Reserve	Orders
Doctor Thaddeus Hemlock	YSS Eucharis	Nitô Hei	Star Army Science Officer	Star Army Personnel Command	
Dokusei Kaori	Star Army Research Administration	Shoi Kohosei	Star Army Science Officer	Star Army Research Administration	Orders
Emiko Amaterasu	ECS Panopteles	Shoi	Star Army Science Officer		
Fuyu 'Codetalker' Kanoe	YSS Eucharis	Santô Hei	Star Army Science Officer	Star Army Personnel Command	

Page	SAOY Assignment	SAOY Rank	SAOY Occupation	Fleet/Org	Orders
Hara Yuri	Star Army Reserve	Jôtô Hei	Star Army Science Officer	First Expeditionary Fleet	Orders
Hotaru	YSS Wakaba	Shoi Kohosei	Star Army Science Officer	First Expeditionary Fleet	Orders
Indira Vaikar		Ittô Hei	Star Army Science Officer		Orders
Ishikawa Chiasa	YSS Soyokaze	Shosa	Star Army Science Officer	Task Force 77	Orders
Itakori Imakiri		Santô Hei	Star Army Science Officer		Orders
Jax Dir Teshin	Fort Victory Reserve Center	Nitô Hei	Star Army Science Officer	Star Army Reserve	Orders
Kahen Yani	YSS Aeon II	Shosa	Star Army Science Officer	First Expeditionary Fleet	Orders
Kawa Euikoshi	YSS Resurgence	Shoi	Star Army Science Officer	First Fleet	Orders
Koizumi Chieko	YSS Soyokaze	Jôtô Hei	Star Army Science Officer		
Mihral Lekos		Ittô Hei	Star Army Science Officer		
Monomonoi Ko	Fort Victory Reserve Center	Santô Hei	Star Army Science Officer	Star Army Reserve	Orders
Morgana Faelan	YSS Kaiyô II	Shoi	Star Army Science Officer		Orders
Motoyoshi Sayuri	Star Army Reserve	Taisa	Star Army Science Officer	Star Army Reserve	Orders
Okada Saaya	YSS Korifumi	Chui	Star Army Science Officer		Orders
Oshiro Masumi		Jôtô Hei	Star Army Science Officer		
Radcliff Yingzi	YSS Yukika II	Shoi	Star Army Science Officer	Fifth Expeditionary Fleet	Orders
Rawkem		Chusa	Star Army Science Officer		
Ryu-Mizumitsu Yukio	Rikugun Base Fujiko	Taisa	Star Army Science Officer	75th Legion	Orders
Saito Miyoko	Task Force Lantern	Shoi	Star Army Science Officer		Orders
Saoirse Axilya	Fort Victory Reserve Center	Shosa	Star Army Science Officer	Star Army Reserve	Orders
Seki Hana Mina	YSS Kōun	Ittô Heisho	Star Army Science Officer	First Fleet	
Serizawa Ichi	YSS Miharu	Ittô Hei	Star Army Science Officer	First Fleet	Orders

Page	SAOY Assignment	SAOY Rank	SAOY Occupation	Fleet/Org	Orders
Shiro Ichiko	Vicky	Taii	Star Army Science Officer		Orders
Sonoda Takashi	YSS Aeon II	Nitô Hei	Star Army Science Officer	First Expeditionary Fleet	Orders
Takagi Miyuki	YSS Asamoya	Ittô Hei	Star Army Science Officer	First Fleet	
Takaramono		Nitô Juni	Star Army Science Officer		
Takeda Sayako	YSS Kōun	Chui	Star Army Science Officer	First Fleet	Orders
Tanaka Shina	Task Force 0	Chusa	Star Army Science Officer	Task Force 0	Orders
Tankyusha "Tank" Hitotsu	Fort Victory Reserve Center	Santô Hei	Star Army Science Officer	Star Army Reserve	Orders
Toranaga Siyun	YSS Integrity	Nitô Hei	Star Army Science Officer	First Fleet	Orders
Tsuki Hitohoshi	YSS Sakura II	Nitô Hei	Star Army Science Officer		Orders
Yamada Himeko	Fort Tokyo	Santô Hei	Star Army Science Officer	Star Army Reserve	Orders
Yuukito Ayame	Fort Victory Reserve Center	Santô Hei	Star Army Science Officer	Star Army Reserve	Orders

OOO Notes

Original written by [Ametheliana](#). [Andrew](#) updated using the [Occupation Template](#) then Ame messed it up a bit.

Conversion was approved by [Wes](#) in this [thread](#).

1) , 2)

<https://stararmy.com/roleplay-forum/threads/star-army-mos-updates-for-ye-45.70260/#post-439853>

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