



**A Guide  
for the Tohoku University  
Junior Year Program in English  
(JYPE)  
2019-2020**

## **1. Study**

- (1) Curriculum
- (2) Class Schedule
- (3) Registration for Courses
- (4) Grading System, Transcription and Credit Transfer
- (5) Certificate of Completion
- (6) Period of Study in Exchange Program
- (7) Academic Calendar

## **2. JASSO Scholarship**

## **3. Insurance**

## **4. Important Notices**

## **5. Other**

## **6. Contact information**

# 1. Study

## Course Description

### ◆ Core Course (Required):

- Individual Research Training Senior A/B\* (IRT Senior A/B\*)
  - Individual Research Training A/B\* (IRT A/B\*)
- (\*A = Fall Semester / B = Spring Semester)

### ◆ Elective Courses of your choice

**offered in English**

## Core Course (Required)

| Type              | Semester           | Classes<br>/per week | Total School<br>Hours<br>/per semester | Credit of IRT<br>Course<br>/per semester | Credits of<br>Elective Courses<br>/per semester |
|-------------------|--------------------|----------------------|--|--|---|
| IRT Senior<br>A/B | A=Fall<br>B=Spring | 20                   | 550                                    | 10                                       | 3 or more                                       |
| IRT A/B           |                    | 10                   | 300                                    | 5  | 8 or more                                       |

## Elective Courses

- JYPE Courses
- Other Courses taught in English \*

For example, Specialized Courses from...

- Advanced Molecular Chemistry Course (AMC) (Chemistry, Science)
- International Mechanical and Aerospace Engineering Course Undergraduate (IMAC-U) (Mechanical and Aerospace Engineering, Engineering)
- Applied Marine Biology Course (AMB) (Applied Biosciences, Agriculture)

Also, some General Education Subjects for The Future Global Leadership (FGL)

\*Upon the approval from academic advisors and course instructors

## Course Requirement

- **13 credits / per semester  
(incl. credits for IRT / IRT Senior)**
- **Submit required documents**
- **Attend mandatory events**

## IRT Course Requirement

| Assignments  | Applicable Students                                  | Deadline                         |
|--|--|----------------------------------|
| (1) Summary<br>(template available)                          | All Students<br>(each semester)                      | Fall: Jan. 23<br>Spring: Jul. 22 |
| (2) Abstract (A4 size / 1 page)                              |  |                                  |
| (3) IRT Poster presentation<br>(w83cm x h120cm)              | All Students<br>(Fall semester)                      | Feb. 6                           |
| (4) IRT Oral presentation<br>(approx. 10min. Incl. Q&A time) | All Students<br>(Spring semester)                    | Aug. 6-7                         |
| (5) Research Paper<br>(A4 size / 20-30 pages as a guide)     | IRT Senior Students<br>(at the end of exchange term) | Fall: Feb. 15<br>Spring: Aug. 15 |



## Important Notes

- **One class = 90 minutes**
- **2 credits/semester for most of the courses**
- **1 credits = 45-hour of study time**

# (2) Class Schedule

## Sample: IRT

|     | I.                                    | II.                                   | III.               | IV. | V.  |
|-----|---------------------------------------|---------------------------------------|--------------------|-----|-----|
| Mon | Japanese Language Program at Kawauchi | Japanese Language Program at Kawauchi | -                  | -   | -   |
| Tue | -                                     | -                                     | -                  | -   | -   |
| Wed | IRT                                   | IRT                                   | Japanese Culture C | -   | IRT |
| Thu | Japanese Language Program at Kawauchi | Japanese Language Program at Kawauchi | IRT                | IRT | IRT |
| Fri | IRT                                   | IRT                                   | Nuclear Physics    | IRT | IRT |

JYPE Curriculum Timetable

【Fall, 2019 秋学期】  
As of September 10, 2019

|     | I<br>8:50~10:20   | II<br>10:30~12:00   | III<br>13:00~14:30  | IV<br>14:40~16:10                |
|-----|---|---|---|----------------------------------|
| Mon | Japanese 1/2/3/4/5<br>日本語 1/2/3/4/5   |   | Mechanics of Materials I<br>材料力学 I (1)*<br>Q 前半のみ<br>(Quarter subject)            |                                  |
| 月   | Mechanics of Materials II<br>材料力学 II (1)*<br>Q 後半のみ<br>(Quarter subject)        | Mechanical Vibrations I<br>機械力学 I (1)*<br>Q 前半のみ<br>(Quarter subject)   | Introductory Courses of Experimental<br>Research in Physics III<br>物理学実験 III (1)* |                                  |
| Tue | Ecology and Evolution<br>生態と進化  | Dynamics of the Earth<br>惑星地球のダイナミックス   | Solid State Physics and<br>Statistical Physics<br>固体統計物理学**                       |                                  |
| 火   | Agricultural Sciences<br>"Agriculture and life science"<br>農学                   | Aquatic Plant Ecology<br>水圏植物生態学  | Introductory Courses of Experimental<br>Research in Physics III<br>物理学実験 III (2)* |                                  |
| Wed | Mechanics of Materials<br>材料力学  | Japanese Culture A<br>日本の文化 A   | Japanese Culture C<br>日本の文化 C   | Organic Chemistry<br>有機化学        |
| 水   | Electricity & Magnetism A<br>電磁気学 A   |   |   |                                  |
| Thu | Japanese 1/2/3/4/5<br>日本語 1/2/3/4/5   |   | Mechanics of Materials I<br>材料力学 I (2)*<br>Q 前半のみ<br>(Quarter subject)            |                                  |
| 木   | Mechanics of Materials II<br>材料力学 II (2)*<br>Q 後半のみ<br>(Quarter subject)        | Material Science<br>物質物理学**<br>Materials Science & Engineering<br>A<br>材料科学 A (1)*<br>Q 後半のみ<br>(Quarter subject) |   |                                  |
| Fri | Materials Science & Engineering A<br>材料科学 A (2)*<br>Q 後半のみ<br>(Quarter subject) | Introduction to Fisheries Science<br>水産科学概論   | Introductory Quantum<br>Mechanics<br>量子力学   | Basic Computer Science<br>情報科学基礎 |
| 金   |   | Mechanical Vibrations I<br>機械力学 I (2)*<br>Q 前半のみ<br>(Quarter subject)   |   |                                  |

注) 研修は、空き時間帯に実施する。(IRT can be set in any open slot)

\* (1)(2)はセットで履修 (\* (1)&(2)= twice a week) / \*\* Advanced Level



川内キャンパス  
Kawauchi Campus



青葉山キャンパス  
Aobayama Campus

## Sample: IRT Senior

|     | I.                                    | II.                                   | III.       | IV.        | V.         |
|-----|---------------------------------------|---------------------------------------|------------|------------|------------|
| Mon | Japanese Language Program at Kawauchi | Japanese Language Program at Kawauchi | IRT Senior | IRT Senior | IRT Senior |
| Tue | IRT Senior                            | IRT Senior                            | IRT Senior | IRT Senior | IRT Senior |
| Wed | IRT Senior                            | IRT Senior                            | IRT Senior | IRT Senior | IRT Senior |
| Thu | Japanese Language Program at Kawauchi | Japanese Language Program at Kawauchi | IRT Senior | IRT Senior | IRT Senior |
| Fri | IRT Senior                            | IRT Senior                            | IRT Senior | IRT Senior | -          |

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| 金   |   | Mechanical Vibrations I<br>機械力学 I (2)*<br>Q 前半のみ<br>(Quarter subject)   |   |                                  |

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Aobayama Campus

# (3)Registration for Courses

Step 1

- **Decide: IRT Senior or IRT** (Consult with your academic advisor)

Step 2

- **Decide: Elective courses - 3 credits for IRT Senior / 8 credits for IRT**

Step 3

- **Fill in: Personal Timetable (Excel)** - Incl. 20 classes for IRT Senior / 10 classes for IRT

Step 4

- **Check: Study schedule** with your academic advisor

Step 5

- **Submit: Online Registration Form**

# (3)Registration for Courses

Step 6\*

- **Obtain: Seal or Signature** from instructors on ***“Registration Form for Specialized / General Education Subjects”***

Step 7\*

- **Register: “Japanese Language Program at Kawauchi (JLPK)”** courses via JLPK website

\*only if applicable

# (3)Registration for Courses

## Submit:

- ❑ *Online Registration Form*
- ❑ *Registration Form\* for  
Specialized / General Education Subjects*
- ❑ *Registration Form\* for  
Individual Research Training Senior Course  
(\*only if applicable)*

## **(4) Grading System, Transcription and Credit Transfer**

- **Grades: AA / A / B / C / D**
- **Transcripts & Certificate\*:**  
both documents directly mailing to a student's home university in Apr. or Oct.
- **Credit Transfer**

## **(5) Certificate of Completion\***

## (6) Period of Study in Exchange Program

| Program | Study Period          | Program End:                  |
|---------|-----------------------|-------------------------------|
| JYPE    | 1 or 2<br>Semester(s) | Poster (Fall) / Oral (Spring) |
| COLABS  |                       | Oral Presentation             |
| DEEP    |                       | Final Class                   |

**\*If you wish to shorten or extend the exchange period:**

- Confirm with the home university for possibilities.
- Discuss with your academic advisor at Tohoku University for permission.
- Submit an official confirmation letter from home university to the Student Exchange Division by respective deadline; **May 15 (Spring) / Nov. 15 (Fall)**
- Program extension for Spring-enrolled JYPE students is inapplicable.



# (7) Academic Calendar

## Fall Semester (Oct. 2019 - Mar. 2020)

|                                   |                                |
|-----------------------------------|--------------------------------|
| Orientation                       | Sep. 30                        |
| Classes Begin                     | Oct. 1                         |
| Winter Vacation                   | Dec. 26 - Jan. 5, 2020         |
| Classes End                       | Feb. 4, 2020                   |
| Supplementary Class Period        | Feb. 5 - 20, 2020              |
| IRTLab Oral / Poster Presentation | Feb. 6, 2020 *JYPE-COLABS only |
| Self-Education Period             | Feb. 21 - Apr. 5, 2020         |

## Spring Semester (Apr. 2020 - Sep. 2020)

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Orientation                       | early Apr. (TBA)                    |
| Classes Begin                     | Apr. 6                              |
| IRTLab Oral / Poster Presentation | Aug. 5-6 (COLABS) / Aug. 6-7 (JYPE) |
| Classes End                       | Aug. 5                              |

## 2. JASSO

The Scholarship period: **\*Non-changeable\***

| Period of Stay           | From: | To:  |
|--------------------------|-------|------|
| Fall semester only       | Oct.  | Jan. |
| Fall and Spring Semester |       | Jul. |
| Spring semester only     | Apr.  | Jul. |
| Spring and Fall Semester |       | Jan. |

\*\*\* Do NOT Miss the Monthly Signing Date \*\*\*

# 3. Insurance

- 1. National Health Insurance**
- 2. GAKKENSAI**
- 3. Inbound futai-gakuso**

## 4. Important Notices

## 4. Important Notices

- **Adherence to Japanese Law**
- **Drinking and Smoking**
- **Respect regulations of dormitory**
- **Mobile phones**
- **Health and Safety**
- **Counseling and Disability Services**

# 5. Other



- **Admission Discount**
- **University Library**
- **Events**

# 6. Contact

## Chair of the Program

Yoshitaka KASUKABE

Ph.D. Professor

Global Learning Center

[yoshitaka.kasukabe.c3@tohoku.ac.jp](mailto:yoshitaka.kasukabe.c3@tohoku.ac.jp)

## General Issues

Program Coordinator

Incoming Student Exchange Section

Student Exchange Division

[studyab@grp.tohoku.ac.jp](mailto:studyab@grp.tohoku.ac.jp)