

Program of Medical Sciences

The number in the "Dividend Year" column indicates the year in which the course becomes available. If a course is listed as "1", it means that the course can be taken in the first year and can be taken in the second year.

| Category of Subjects | Subjects | Teachers in Charge of Subjects | Subject-Assigned Year | Aquired Credits | Subject-Conducted Year | | | | | | Spring Semester) (Fall Semester) | Credits |
|---|---------------------------------|--------------------------------|-----------------------|-----------------|---|------|------------|------|------------|----------|-------------------------------------|---------|
| | | | | | 1 1st Year | | 2 2nd Year | | 3 3rd Year | | | |
| | | | | | Spring | Fall | Spring | Fall | Spring | Fall | | |
| Compulsory Subject | | | | | | | | | | | | |
| Common Course | | | | | | | | | | | | |
| B | Medical Ethics B | HINOI Takao | 1 | 1 | | 1 | | | | TB051203 | 2 | |
| B | Multidisciplinary Cooperation B | SHIME Nobuaki | 1 | 1 | 1 | | | | | TB055201 | | |
| Select Compulsory Subject | | | | | | | | | | | | |
| Common Graduate Courses | | | | | | | | | | | | |
| Sustainable Development Courses | | | | | | | | | | | | |
| SDGs | | | 1 | 1 | My You must check the syllabus by My momiji. | | | | | | 1 | |
| SDGs Ideas Mining Seminar for Specialists | | | 1 | 1 | | | | | | | | |
| SDGs Regional development seminar from the viewpoint of the SDGs | | | 1 | 1 | | | | | | | | |
| Seeking Universal Peace | | | 1 | 1 | | | | | | | | |
| Atomic Bomb Literature, War Literature and Peace-Based on Experience of Atomic Bomb Survivors and Concentration Camps Prisoners | | | 1 | 1 | | | | | | | | |
| Career Development and Data Literacy Courses | | | | | | | | | | | | |
| Data Science | | | 1 | 2 | My You must check the syllabus by My momiji. | | | | | | 1 | |
| Pattern Recognition and Machine Learning | | | 1 | 2 | | | | | | | | |
| Pathway to becoming a Data Scientist | | | 1 | 1 | | | | | | | | |
| Utilization of data Literacy in Medicine | | | 1 | 1 | | | | | | | | |
| Skills and Arts of Leadership | | | 1 | 1 | | | | | | | | |
| Career Management for Highly Skilled Innovators | | | 1 | 1 | | | | | | | | |
| Innovation Practice | | | 1 | 2 | | | | | | | | |
| Long-term internship | | | 1 | 2 | | | | | | | | |
| Introduction to business creation | | | 1 | 1 | | | | | | | | |

| Category of Subjects | Subjects | Teachers in Charge of Subjects | Subject- Assigned Year | Acquired Credits | Subject-Conducted Year | | | | | | Spring Semester) (Fall Semester) | Credits |
|---------------------------|--|--------------------------------|------------------------------|---------------------|------------------------|------|------------|------|------------|------|---|---------|
| | | | | | 1 1st Year | | 2 2nd Year | | 3 3rd Year | | | |
| | | | | | Spring | Fall | Spring | Fall | Spring | Fall | | |
| Select Compulsory Subject | | | | | | | | | | | | |
| Common Course | | | | | | | | | | | | |
| B | Methods in Biomedical Sciences B | TBD | 1 | 1 | 1 | | | | | | TB052201 | 2 |
| | Advanced Coursework of Biomedical Sciences | CHAYAMA Hiromi | 1 | 1 | | 1 | | | | | TB053203 | |
| | Creation and Development of Biomedical Sciences | NAKANO Yukiko | 1 | 1 | | 1 | | | | | TB061103 | |
| B | Lecture on Biodesign B | HANANOUCHI Takehito | 1 | 1 | 1 | | | | | | 8G000301 | |
| B | Lecture on Biodesign B | HANANOUCHI Takehito | 1 | 1 | | 1 | | | | | 8G000403 | |
| B | Lecture on Translational Research B | SUGIYAMA Daisuke | 1 | 1 | | 1 | | | | | 8G000903 | |
| Common Course of Division | | | | | | | | | | | | |
| | Principles of Oncology | HATTORI Noboru | 1 | 1 | 1 | | | | | | TB062101 | 2 |
| | Integrated Radiation Medical Science | MATSUURA Shinya | 1 | 1 | 1 | | | | | | TB063101 | |
| | Pharmacotherapeutic Research | OZAWA Koichiro | 1 | 1 | | 1 | | | | | TB064103 | |
| | Practice of Oncology | HATTORI Noboru | 1 | 1 | 1 | | | | | | TB065101 | |
| | Cause of Death Investigation | NAGAO Masataka | 1 | 1 | 1 | | | | | | TB066101 | |
| Select Compulsory Subject | | | | | | | | | | | | |
| Course of Program | | | | | | | | | | | | |
| Specialized Subject | | | | | | | | | | | | |
| | Advanced Seminar on Anatomy and Developmental Biology | IKEGAMI Koji | 1 | 4 | 2 | 2 | | | | | TB101001 TB101003 | 10 |
| | Advanced Seminar on Neurobiology | AIZAWA Hidenori | 1 | 4 | 2 | 2 | | | | | TB102001 TB102003 | |
| | Advanced Seminar on Cardiovascular Physiology and Medicine | ISHIDA Mari | 1 | 4 | 2 | 2 | | | | | TB104001 TB104003 | |
| | Advanced Seminar on Neurophysiology | HASHIMOTO Kouichi | 1 | 4 | 2 | 2 | | | | | TB105001 TB105003 | |
| | Advanced Seminar on Biochemistry | IMAIZUMI Kazunori | 1 | 4 | 2 | 2 | | | | | TB106001 TB106003 | |
| | Advanced Seminar on Biomedical Chemistry | ASANO Tomoichiro | 1 | 4 | 2 | 2 | | | | | TB107001 TB107003 | |

Specialized Subject

| | | | | | | |
|---|--------------------|---|---|--|--|----------------------|
| Advanced Seminar on Molecular and Pharmacological Neuroscience | SAKAI Norio | | | | | TB108001 TB108003 |
| Advanced Seminar on Molecular Pathology | TBD | 2 | 2 | | | TB109001 TB109003 |
| Advanced Seminar on Pathology | TAKESHIMA Yukio | 2 | 2 | | | TB110001 TB110003 |
| Advanced Seminar on Virology | SAKAGUCHI Takemasa | | | | | TB111001 TB111003 |
| Advanced Seminar on Epidemiology, Infectious Disease Control and Prevention | AKITA Tomoyuki | 2 | 2 | | | TB112001 TB112003 |
| Advanced Seminar on Public Health and Health Policy | KUBO Tatsuhiko | 2 | 2 | | | TB113001 TB113003 |
| Advanced Seminar on Forensic Medicine | NAGAO Masataka | 2 | 2 | | | TB114001 TB114003 |
| Advanced Seminar on Forensic Toxicology | NAMERA Akira | 2 | 2 | | | TB115001 TB115003 |
| Advanced Seminar on Immunology | YASUDA Tomoharu | 2 | 2 | | | TB116001 TB116003 |
| Advanced Seminar on Gastroenterology | OKA Shirou | 2 | 2 | | | TB148001 TB148003 |
| Advanced Seminar on Molecular and Internal Medicine | HATTORI Noboru | 2 | 2 | | | TB118001 TB118003 |
| Advanced Seminar on Clinical Neuroscience and Therapeutics | MARUYAMA Hirofumi | 2 | 2 | | | TB119001 TB119003 |
| Advanced Seminar on Psychiatry and Neurosciences | OKAMOTO Yasumasa | 2 | 2 | | | TB120001 TB120003 |
| Advanced Seminar on Pediatrics | OKADA Satoshi | 2 | 2 | | | TB121001 TB121003 |
| Advanced Seminar on Surgery | TAKAHASHI Shinya | 2 | 2 | | | TB122001 TB122003 |
| Advanced Seminar on Gastroenterological and Transplant Surgery | OHDAN Hideki | 2 | 2 | | | TB123001 TB123003 |
| Advanced Seminar on Neurosurgery | HORIE Nobutaka | | | | | TB124001 TB124003 |
| Advanced Seminar on Orthopaedic Surgery | ADACHI Nobuo | | | | | TB125001 TB125003 |

| Category of Subjects | Subjects | Teachers in Charge of Subjects | Subject- Assigned Year | Aquired Credits | Subject-Conducted Year | | | | | | Spring Semester) (Fall Semester) | Credits |
|---------------------------|--|--------------------------------|------------------------------|--------------------|------------------------|------|------------|------|------------|------|---|---------|
| | | | | | 1 1st Year | | 2 2nd Year | | 3 3rd Year | | | |
| | | | | | Spring | Fall | Spring | Fall | Spring | Fall | | |
| Select Compulsory Subject | | | | | | | | | | | | |
| Course of Program | | | | | | | | | | | | |
| Specialized Subject | | | | | | | | | | | | |
| | Advanced Seminar on Dermatology | TANAKA Akio | 1 | 4 | 2 | 2 | | | | | TB126001 TB126003 | 10 |
| | Advanced Seminar on Urology | HINATA Nobuyuki | 1 | 4 | 2 | 2 | | | | | TB127001 TB127003 | |
| | Advanced Seminar on Ophthalmology and Visual Science | KIUCHI Yoshiaki | 1 | 4 | 2 | 2 | | | | | TB128001 TB128003 | |
| | Advanced Seminar on Otorhinolaryngology,Head and Neck Surgery | TAKENO Sachio | 1 | 4 | 2 | 2 | | | | | TB129001 TB129003 | |
| | Advanced Seminar on Diagnostic Radiology | AWAI Kazuo | 1 | 4 | 2 | 2 | | | | | TB130001 TB130003 | |
| | Advanced Seminar on Radiation Oncology | MURAKAMI Yuji | 1 | 4 | 2 | 2 | | | | | TB131001 TB131003 | |
| | Advanced Seminar on Obstetrics and Gynecology | KUDO Yoshiki | 1 | 4 | 2 | 2 | | | | | TB132001 TB132003 | |
| | Advanced Seminar on Anesthesiology and Critical Care | TSUTSUMI Yasuo | 1 | 4 | 2 | 2 | | | | | TB133001 TB133003 | |
| | Advanced Seminar on Cardiovascular Medicine | NAKANO Yukiko | 1 | 4 | 2 | 2 | | | | | TB134001 TB134003 | |
| | Advanced Seminar on Emergency and Critical Care Medicine | SHIME Nobuaki | 1 | 4 | 2 | 2 | | | | | TB135001 TB135003 | |
| | Advanced Seminar on Endoscopy and Medicine | TBD | 1 | 4 | 2 | 2 | | | | | TB136001 TB136003 | |
| | Advanced Seminar on Medical Informatics and Systems Management | MIHARA Naoki | 1 | 4 | 2 | 2 | | | | | TB137001 TB137003 | |
| | Advanced Seminar on Infectious Diseases | OUGE Hiroki | 1 | 4 | 2 | 2 | | | | | TB138001 TB138003 | |
| | Advanced Seminar on Anatomical Pathology | ARIHIRO Koji | 1 | 4 | 2 | 2 | | | | | TB139001 TB139003 | |
| | Advanced Seminar on Clinical Immunology and Rheumatology | HIRATA Shintarou | 1 | 4 | 2 | 2 | | | | | TB140001 TB140003 | |
| | Advanced Seminar on Rehabilitation Medicine | MIKAMI Yukio | 1 | 4 | 2 | 2 | | | | | TB141001 TB141003 | |
| | Advanced Seminar on Nephrology | MASAKI Takao | 1 | 4 | 2 | 2 | | | | | TB142001 TB142003 | |
| | Advanced Seminar on Plastic Surgery | TBD | 1 | 4 | 2 | 2 | | | | | TB143001 TB143003 | |

| Category of Subjects | Subjects | Teachers in Charge of Subjects | Subject- Assigned Year | Acquired Credits | Subject-Conducted Year | | | | | | Spring Semester (Fall Semester) | Credits | |
|---------------------------|-------------------|--|------------------------------|---------------------|------------------------|------------------|-------------|------------------|-------------|------------------|------------------------------------|----------------------|----|
| | | | | | 1st Year | | 2nd Year | | 3rd Year | | | | |
| Select Compulsory Subject | Course of Program | Specialized Subject | | | 1 Spring | 1st Year Fall | 2 Spring | 2nd Year Fall | 3 Spring | 3rd Year Fall | | | |
| | | Advanced Seminar on General Medicine | ITO Masanori | 1 | 4 | 2 | 2 | | | | | TB144001 TB144003 | |
| | | Advanced Seminar on Kampo Medicine | OGAWA Keiko | 1 | 4 | 2 | 2 | | | | | TB327001 TB327003 | |
| | | Advanced Seminar on Epileptology | IIDA Koji | 1 | 4 | 2 | 2 | | | | | TB150001 TB150003 | |
| | | Advanced Seminar on Clinical Oncology | OKAMOTO Wataru | 1 | 4 | 2 | 2 | | | | | TB145001 TB145003 | |
| | | Advanced Seminar on Life Science | SOTOMARU Yusuke | 1 | 4 | 2 | 2 | | | | | TB146001 TB146003 | |
| | | Advanced Seminar on Medical Education | HASUNUMA Naoko | 1 | 4 | 2 | 2 | | | | | TB147001 TB147003 | |
| | | Advanced Seminar on Joint Reconstruction Surgery | TBD | 1 | 4 | 2 | 2 | | | | | TB902001 TB902003 | |
| | | Advanced Seminar on Microbial Genomics and Ecology | MARUYAMA Fumito | 1 | 4 | 2 | 2 | | | | | TB902201 TB902203 | |
| | | Advanced Seminar on Genetic Medicine | HINOI Takao | 1 | 4 | 2 | 2 | | | | | TB902401 TB902403 | |
| | | Advanced Seminar on Clinical Control of Cancer | TASHIRO, SHIMOSE, KUWAI | 1 | 4 | 2 | 2 | | | | | TB903001 TB903003 | 10 |
| | | Advanced Seminar on Clinical Practice of Systemic Chemotherapy | OKAMOTO Wataru | 1 | 2 | 6 | 2 | 2 | 2 | | | TB904001 TB904003 | |
| | | Advanced Seminar on Radiation Oncology | MURAKAMI Yuji | 1 | 2 | 6 | 2 | 2 | 2 | | | TB905001 TB905003 | |
| | | Advanced Seminar on Breast Cancer Treatment | OKADA Morihito | 1 | 2 | 6 | 2 | 2 | 2 | | | TB906001 TB906003 | |
| | | Advanced Seminar on Palliative and Supportive Care for Cancer Patients | OKAMOTO Yasumasa | 1 | 2 | 6 | 2 | 2 | 2 | | | TB907001 TB907003 | |
| | | Advanced Seminar on Multidisciplinary Tumor Board | HATTORI Noboru | 2 | 2 | | 2 | (2) | | | | TB908001 TB908003 | |
| | | Advanced Seminar on Gynecologic Cancer Treatment | KUDO Yoshiki | 1 | 2 | 6 | 2 | 2 | 2 | | | TB909001 TB909003 | |
| | | Basic and Advanced Training on Methodology for Clinical Research | TANAKA Junko | 1 | 2 | | 2 | | | | | TB910003 | |
| | | Palliative Care Conference | OKAMOTO Yasumasa | 2 | 2 | | 2 | | | | | TB911001 TB911003 | |
| | | Advanced Seminar on Surgical Oncology | OKADA Morihito | 1 | 2 | 6 | 2 | 2 | 2 | | | TB912001 TB912003 | |

| Category of Subjects | Subjects | Teachers in Charge of Subjects | Subject- Assigned Year | Acquired Credits | Subject-Conducted Year | | | | | | Spring Semester) (Fall Semester) | Credits |
|---------------------------|--|--------------------------------|------------------------------|---------------------|------------------------|------|------------|------|------------|------|---|---------|
| | | | | | 1 1st Year | | 2 2nd Year | | 3 3rd Year | | | |
| | | | | | Spring | Fall | Spring | Fall | Spring | Fall | | |
| Select Compulsory Subject | | | | | | | | | | | | |
| Course of Program | | | | | | | | | | | | |
| Specialized Subject | | | | | | | | | | | | |
| | Advanced Seminar on Pediatric Cancer Treatment | SUGIYAMA Kazuhiko | 1 2 | 6 | | 2 | 2 | 2 | | | TB913001 TB913003 | |
| Specialized Subject | | | | | | | | | | | | |
| | Advanced Research on Anatomy and Developmental Biology | IKEGAMI Koji | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB101101 TB103103 | 12 |
| | Advanced Research on Neurobiology | AIZAWA Hidenori | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB102101 TB102103 | |
| | Advanced Research on Cardiovascular Physiology and Medicine | ISHIDA Mari | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB104101 TB104103 | |
| | Advanced Research on Neurophysiology | HASHIMOTO Kouichi | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB105101 TB105103 | |
| | Advanced Research on Biochemistry | IMAIZUMI Kazunori | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB106101 TB106103 | |
| | Advanced Research on Biomedical Chemistry | ASANO Tomoichiro | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB107101 TB107103 | |
| | Advanced Research on Molecular and Pharmacological Neuroscience | SAKAI Norio | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB108101 TB108103 | |
| | Advanced Research on Molecular Pathology | TBD | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB109101 TB109103 | |
| | Advanced Research on Pathology | TAKESHIMA Yukio | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB110101 TB110103 | |
| | Advanced Research on Virology | SAKAGUCHI Takemasa | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB111101 TB111103 | |
| | Advanced Research on Epidemiology, Infectious Disease Control and Prevention | AKITA Tomoyuki | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB112101 TB112103 | |
| | Advanced Research on Public Health and Health Policy | KUBO Tatsuhiko | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB113101 TB113103 | |
| | Advanced Research on Forensic Medicine | NAGAO Masataka | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB114101 TB114103 | |
| | Advanced Research on Forensic Toxicology | NAMERA Akira | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB115101 TB115103 | |
| | Advanced Research on Immunology | YASUDA Tomoharu | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB116101 TB116103 | |
| | Advanced Research on Gastroenterology | OKA Shirou | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB148101 TB148103 | |
| | Advanced Research on Molecular and Internal Medicine | HATTORI Noboru | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB118101 TB118103 | |

| Category of Subjects | Subjects | Teachers in Charge of Subjects | Subject- Assigned Year | Aquired Credits | Subject-Conducted Year | | | | | | Spring Semester) (Fall Semester) | Credits |
|---------------------------|---|--------------------------------|------------------------------|--------------------|------------------------|------|------------|------|------------|------|---|---------|
| | | | | | 1 1st Year | | 2 2nd Year | | 3 3rd Year | | | |
| | | | | | Spring | Fall | Spring | Fall | Spring | Fall | | |
| Select Compulsory Subject | | | | | | | | | | | | |
| Course of Program | | | | | | | | | | | | |
| Specialized Subject | | | | | | | | | | | | |
| | Advanced Research on Clinical Neuroscience and Therapeutics | MARUYAMA Hirofumi | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB119101 TB119103 | 12 |
| | Advanced Research on Psychiatry and Neurosciences | OKAMOTO Yasumasa | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB120101 TB120103 | |
| | Advanced Research on Pediatrics | OKADA Satoshi | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB121101 TB121103 | |
| | Advanced Research on Surgery | TAKAHASHI Shinya | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB122101 TB122103 | |
| | Advanced Research on Gastroenterological and Transplant Surgery | OHDAN Hideki | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB123101 TB123103 | |
| | Advanced Research on Neurosurgery | HORIE Nobutaka | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB124101 TB124103 | |
| | Advanced Research on Orthopaedic Surgery | ADACHI Nobuo | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB125101 TB125103 | |
| | Advanced Research on Dermatology | TANAKA Akio | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB126101 TB126103 | |
| | Advanced Research on Urology | HINATA Nobuyuki | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB127101 TB127103 | |
| | Advanced Research on Ophthalmology and Visual Science | KIUCHI Yoshiaki | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB128101 TB128103 | |
| | Advanced Research on Otorhinolaryngology, Head and Neck Surgery | TAKENO Sachio | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB129101 TB129103 | |
| | Advanced Research on Diagnostic Radiology | AWAI Kazuo | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB130101 TB130103 | |
| | Advanced Research on Radiation Oncology | MURAKAMI Yuji | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB131101 TB131103 | |
| | Advanced Research on Obstetrics and Gynecology | KUDO Yoshiki | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB132101 TB132103 | |
| | Advanced Research on Anesthesiology and Critical Care | TSUTSUMI Yasuo | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB133101 TB133103 | |
| | Advanced Research on Cardiovascular Medicine | NAKANO Yukiko | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB134101 TB134103 | |
| | Advanced Research on Emergency and Critical Care Medicine | SHIME Nobuaki | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB135101 TB135103 | |
| | Advanced Research on Endoscopy and Medicine | TBD | 1 2 3 | 12 | 2 | 2 | 2 | 2 | 2 | 2 | TB136101 TB136103 | |

Spring Semester)

Spring Fall Spring Fall Spring Fall

(Fall Semester)

TB137101
TB137103
TB138101
TB138103
TB139101
TB139103
TB140101
TB140103
TB141101
TB141103
TB142101
TB142103
TB143101
TB143103
TB144101

Advanced Research on Medical Informatics and Systems Management

MIHARA Naoki

Advanced Research on Infectious Diseases

OUGE Hiroki

Advanced Research on Anatomical Pathology

ARIHIRO Koji

Advanced Research on Clinical Immunology and Rheumatology

HIRATA Shintarou

Advanced Research on Rehabilitation Medicine

MIKAMI Yukio

Advanced Research on Nephrology

MASAKI Takao

Advanced Research on Plastic Surgery

TBD

HAYES CLAIR NELSON

English Rhetoric & Writing
Completion Requirements

KAWAMOTO Takeshi

30

Students should acquire 30 or more credits as follows.

Common Graduate Courses