医療科学類 <学士(医療科学)> コンピテンス一覧 College of Medical Sciences Competence List <Bachelor of Medical Sciences>

■汎用コンピテンス(学士課程) Generic Competences(Bachelor Program)

| 1 | コミュニケーション能力 | 母語や外国語を適切に用いるとともに、各種メディアを利用したプレゼンテーション等を 行うコミュニケーション能力 |
|---|---|---|
| | Communication ability | Communication ability to use the mother tongue and foreign languages properly and make presentations, etc. using various media |
| | 批判的·創造的思考力 | 一般的・専門的知識の体系的理解をベースに批判的・創造的に思考する能力 |
| 2 | Ability for critical and creative thinking | Ability to think critically and creatively based on systematic understanding of general and specialized knowledge |
| 3 | データ・情報リテラシー | 様々な事象や情報を数量的手法やコンピュータ等を用いて適切に解析・処理する能 カ |
| 3 | Data and information literacy | Ability to properly analyze and process various events and information using quantitative methods, computers, etc. |
| | 広い視野と国際性 | 自身の専門に留まらず文化・社会と自然・物質に関して幅広く理解し、異文化を理 解・尊重する能力 |
| 4 | Broad perspective and international character | Ability to broadly understand culture, society, nature, and materials and understand and respect different cultures and be not only involved in one's own expertise |
| | 心身の健康と人間性・倫理性 | 芸術やスポーツへの理解と実践等を通して心と身体の健康を保ち、人間性と倫理性 を有する市民としての責任を自覚して実践する能力 |
| 5 | Mental and physical health, humanity, and ethics | Ability to maintain mental and physical health through the understanding, practice, etc. of arts and sports and be conscious of one's responsibility and put it into practice as a citizen with humanity and ethics |
| 6 | 協働性·主体性·自律性 | チームワークやリーダーシップを通して様々な物事に対処し自己を管理しながら自律的 に学び続け行動する能力 |
| 0 | Cooperative, independent, and autonomous attitudes | Ability to keep learning and act autonomously while dealing with a situation through team work and leadership and practicing self-management |

■専門コンピテンス Specific Competences

| | 医療人としての倫理性と人間性 | 生命の尊厳と倫理を尊重する人間性、医療人としての人間性を身につけている。 |
|---|---|---|
| | Ethics and humanity as a medical professional | Develop a moral character and view humanity respect the dignity and ethics of life as medial profession. |
| 2 | 人間の健康と疾病の理解 | 人間科学の基礎知識とともに、人間の健康と疾病に関する医学的知識を修得してい る。 |
| 2 | Understanding human health and disease | Acquire fundamental knowledge and understanding in human biology, as well as medical knowledge in human health and disease. |
| 0 | 臨床検査の知識と実践力 | 臨床検査技術全般に関する十分な知識と実践力を身につけている。 |
| 3 | Clinical laboratory knowledge and practical exercises | Acquire essential knowledge and skills laboratory techniques required for a clinical laboratory technician. |
| 4 | 医科学の研究推進能力 | 医科学分野における研究開発を経験し、自ら研究を推進する基礎学力、情報収集 能力ならびに自学自習能力を獲得している。 |
| 4 | Ability to promote research in medical science | Acquire knowledge and learning skills through laboratory experiences to promote your own research. |
| 5 | チーム医療の理解と実践能力 | チーム医療の役割を理解し、臨床検査技師として行動する基礎能力と医療コミュニ ケーション能力を獲得している。 |
| 5 | Ability to understand and practice team medicine | Understand your roles as a clinical laboratory technician in a medical team and acquire knowledge and medical communication skills to work in a team setting. |

| | | 1 | | | 1 | | | | | | | | | | | *科目により | 異なります *Va | | |
|-----------------|---|--------------------------|---|--|--------------|----------|--------------------------|---|-------------------------------------|---|---------------------------|---|--------------------|--|-----------------------------|--|--|-----------------|--|
| | | | | | | | | | 汎用コン Generic C | ピテンス ompetences | | | | Sp | 専門コンピテンス ecific Competen | ۲ ces | | Re | 修/選択 ´自由の別 equired, ive, or Free |
| | | | | | | 標準履修 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | | |
| (| 科目区分 Course Category | 科目番号 Course Number | 【 | 目の名称 se Name | | 年次 | | 批判的・創造的 思考力 | データ・情報リ テラシー | 広い視野と国際 性 | 心身の健康と人 間性・倫理性 | 、協働性・主体 性・自律性 | 医療人としての 倫理性と人間性 | 人間の健康と疾 病の理解 | 臨床検査の知識 と実践力 | 医科学の研究推 進能力 | ↓ ↓ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● | | 選択自由 |
| | | | | | | year | Communication ability | Ability for critical and creative thinking | Data and information literacy | Broad perspective and international character | | Cooperative, independent, and autonomous attitudes | humanity as a | Understanding human health and disease | | Ability to promote research in medical science | Ability to understand and practice team medicine | d ^{eu} | 選択 自由 Core Free Electi Electi ves ves |
| | | 11**** | 総合科目(ファーストイヤーセミナー) | Multidisciplinary Subjects(First Year Seminar) | | <u>I</u> | 1 | | | I | 1 | 1 | | | | | | 0 | |
| | | 12**** | 総合科目(学問への誘い) | Multidisciplinary Subjects(Invitation to | - | | | | | | | | | | | | | 0 | |
| | | 12**** | 総合科目(学士基盤科目) | Arts and Sciences) Multidisciplinary Subjects(exc. First Year Seminar and Invitation to | | | | | | | | | | | | | | | 0 |
| | 共通科目 Common Foundation | Orbeteletelet | | Arts and Sciences) | - | 共 | 通科目(| のカリキ | - ュラム | ・マッ | プを参 | 照 | | | | | | | |
| | Subjects | 2***** 2***** | 体育 (((((((((((((((((((| Physical Education 1st Foreign | | Refe | er to the (| Curriculum I | Map of Com | mon Foundat | tion Subjec | cts | | | | | | 0 | |
| 基礎科目 General | | 3***** 6***** | 第1外国語(英語) 情報リテラシー(講義) | Language(English) | | | | | | | | | | | | | | 0 | |
| Foundat on | | 6**** | | Literacy(Lectures) Information Literacy | | | | | | | | | <u> </u> | | | | | | |
| Subjects | | 0***** | 情報リテラシー(演習) | (Exercises) | _ | | | | | | | | | | | | | 0 | |
| | | 6***** HE13011 | データサイエンス 科学実験の基礎 | Data Science Basic Techniques in Biomedical Experiments | 1.0 | 2 | 0 | | 0 | | | 0 | | | | 0 | | 0 | |
| | | HE13001 | 医療科学キャリアセミナー | Caraar daaign in Madiaal | 1. 0 | 2 | 0 | | | | | 0 | 0 | | | | | 0 | |
| | 関連科目 Specific Foundation Subjects | | 他学群または他学類の開設 科目(ただしE, F, G, Hで始まる科目を除く) | Courses offered by other | * | * | | 0 | 0 | 0 | | | | | | | | | 0 |
| | | | E, F, G, Hで始まる授業科目 | Courses offered by other schools and colleges | * | * | | 0 | 0 | 0 | | | | | | | | | 0 |
| | 人体の構造と機能分野 | HC21081 | | (inc.E,F,G,H subjects) Human anatomy | 2. 0 | 1 | | 0 | | | | | | 0 | | | | 0 | |
| | | HE20013 | 人体構造学実習 | Practice of Human Physiology | 1.0 | 2 | 0 | | 0 | | | 0 | | 0 | | | 0 | 0 | |
| | | HE21071 | 人体機能学 | Human Physiology | 2. 0 | 1 | | 0 | | | | | | 0 | | | | 0 | |
| | | HE20033 | 人体機能学実習 | Practice of Human Physiology | 1. 0 | 2 | 0 | | 0 | | | 0 | | 0 | | | 0 | 0 | |
| | | HB21211 | 医科生化学 | Medical Biochemistry | 2. 0 | 1 | | 0 | | | | | | 0 | | | | 0 | |
| | | HE20053 | 生化学実習 | Practice of Biochemistry | 1.0 | 2 | 0 | 0 | 0 | | | 0 | | 0 | | | 0 | 0 | |
| | | HB21221 | 医科分子生物学 | Medical Molecular Biology | | 1 | | 0 | | | | | | 0 | | | | 0 | |
| | 疾病の成り立ち及び医学 | HE20142 | イメージング総論 | Introduction to Imaging | 1.0 | 2 | | 0 | | | | | | 0 | | | | | 0 |
| | 検査の基礎分野 | HE21041 | 基礎医学総論 | Science | 2. 0 | 2 | | 0 | | 0 | | | | | | 0 | | 0 | |
| | | HE21021 | 微生物学 | Microbiology | 2.0 | 2 | | 0 | | | | | | 0 | | | | 0 | |
| ┃ 専門基礎 科目 | <u>*</u> | HE21033 HE21101 | 微生物学実習 生命倫理学 | Practice of Microbiology Bioethics | 1. 0 1. 0 | 2 | 0 | | 0 | | 0 | 0 | 0 | 0 | | | 0 | 0 | |
| 科目 Foundat | i | HE21001 | | History of Medicine | 1.0 | 1 | | | | | | | 0 | | 0 | | | | 0 |
| on Subjects | 6 | HE21051 | 医療・生命科学とテクノロ ジー | | 1. 0 | 1 | | 0 | | 0 | | | | | 0 | | | | 0 |
| for Major | | HE22001 | | Public health and Hygiene | | 2 | | | | | | | | 0 | | | | 0 | |
| | | HE22011 | | Health Legislation | 1. 0 | 3 | | | | | | | | 0 | | | | 0 | |
| | | HE22021 | 計量生物学 | Biometrics | 1.0 | 2 · 3 | | | | | | | | 0 | | | | 0 | |
| | 保健医療福祉と生命医科 学分野 | HE22121 | 医療経済学 | Health Economics | 1. 0 | 2 | | | | | | | | | 0 | | | | 0 |
| | | HE23053 | キャリアデザイン研修 | Training and Career Development | 1. 0 | 3 | 0 | | | | | 0 | 0 | | | | 0 | | 0 |
| | | | その他学類長の指定する科 | · · | | | | | | | | | | | | | | | 0 |
| | | HE41170 | 国際生命医科学研修1, 11, | | 1. 0 | 3 · 4 | 0 | | | 0 | | 0 | | | | 0 | | | 0 |
| | | HE41175 | | Training Abroad on | 1. 0 | 3 · 4 | | | | 0 | | 0 | | | 0 | | | | 0 |
| | | | | | | | | | | | | | | | | | | | |
| | | 8290107 | 国際パートナーシップ研修 (東南アジア) | International Partnership Study (Southeast Asia) | 2.0 | 1 - 4 | 0 | | | 0 | | 0 | | | | | 0 |) | |

医療科学類 <学士(医療科学)> カリキュラム・マップ College of Medical Sciences <Bachelor of Medical Sciences> Curriculum Map

| | | | | | | | | · | | | | | | 士 四_、 · ^ - | | | 必 | \$修/選択 |
|-----------------------------|--------------------------|-------------------------------|---|--------------|------------------------------------|--------------------------|---|-------------------------------------|---|--|---|--------------------|--|---|--|---|--------------|---|
| | | | | | | | | | νピテンス Competences | | | | | 専門コンピテンス ecific Competend | | | Re | ∕自由の別 Required, ∷ive, or Fre |
| | | | | | 標準履修 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | | |
| 科目区分 Course Category | 科目番号 Course Number | | -目の名称 se Name | | 年次 Standard registra tion | コミュニケー ション能力 | 批判的・創造的 思考力 | データ・情報リ テラシー | 広い視野と国際 性 | 心身の健康と人 間性・倫理性 | 協働性・主体 性・自律性 | 医療人としての 倫理性と人間性 | 人間の健康と疾 病の理解 | 臨床検査の知識 と実践力 | 医科学の研究推 進能力 | チーム医療の理 解と実践能力 | <u>.</u> | 選択 自 |
| | | | | | year | Communication ability | Ability for critical and creative thinking | Data and information literacy | Broad perspective and international character | Mental and physical health, humanity, and ethics | Cooperative, independent, and autonomous attitudes | humanity as a | Understanding human health and disease | Clinical laboratory knowledge and practical exercises | Ability to promote research in medical science | Ability to understand and practice team medicine | | 選択 自 Core Fr Electi Ele ves ve |
| 医療工学・情報科学分野 | HE23021 | 医用工学 | Medical Engineering | 1.0 | 1 · 2 | | 0 | | | | | | | 0 | | | | |
| 1 上 碑 | | 医用工学実習 | Practice of Medical | 1.0 | 1 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | | 電磁気学 | Engineering Electromagnetics I | 1.0 | 1 · 2 | | 0 | 0 | | | | | | 0 | | | 0 | |
| on | | 医療情報管理学 | Science of Medical | 1.0 | 4 | | | 0 | | | | | | 0 | | | 0 | |
| or | | | Information Basis of Reading of | | | | | | | | | | | | | | | |
| 」 501 先端医学の基礎 | HE24011 | 医科学英語論文講読の基礎 | English Literatures on Medical Sciences | 1.0 | 2 · 3 | 0 | 0 | | | | 0 | | | | 0 | | 0 | |
| 臨床病態学分野 | HE30001 | 臨床病態学 | Clinical Pathophysiology | 2. 0 | 2 | | 0 | | | | | | 0 | | | | 0 | |
| | HE30031 | 病態検査学 | Clinical Laboratory Medicine | 3. 0 | 3 | | 0 | | | | | | 0 | 0 | | | 0 | |
| | | 臨床薬理学 | Clinical pharmacology Practice of Clinical | 1.0 | 3 | | 0 | | | | | | 0 | | | | 0 | |
| | | 臨床薬理学実習 | Pharmacology | 1.0 | 3 | 0 | | 0 | | | 0 | | 0 | | | 0 | 0 | |
| | | 病理組織学 | Histopathology Practice of | 2.0 | 2 | _ | 0 | | | | _ | | | 0 | | _ | 0 | |
| | HE31013 | 病理組織学実習 | Histopathology | 2.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE31021 HE31031 | 細胞検査学 血液検査学 | Cytology Clinical Hematology | 2.0 | 3 | | 0 | | | | | | | 0 | | | 0 | |
| | HE31043 | 血液候量子 血液検査学実習 | Practice of Clinical | 1.0 | 2 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE32002 | 生化学成分検査学 | Hematology Clinical Biochemistry | 3. 0 | 2 | | 0 | 0 | | | | | | 0 | | | | |
| | HE32013 | 生化学成分検査学実習 | Practice of Clinical | 2. 0 | 2 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | | 凝固・線溶学 | Biochemistry Coagulation and | 1 0 | 2 | | | 0 | | | | | | 0 | | | | |
| | | | Fibrinolysis Genetic Engineering and | 1.0 | ວ | | 0 | | | | | | | | | | | |
| | HE32051 | 遺伝子検査学 | Cytogenetics Practice of Genetic | 1.0 | 2 | | 0 | | | | | | | 0 | | | 0 | |
| | HE32053 | 遺伝子検査学実習 | Engineering and Cytogenetics | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE32061 | RI検査技術学 | Radioisotope Examination Technology | 1. 0 | 2 | | 0 | | | | | | | 0 | | | 0 | |
| 病因・生体防御検査学分 ^既 | HE33001 | 病原微生物学 | Clinical Microbiology | 2. 0 | 3 | | 0 | | | | | | | 0 | | | 0 | |
| <u>.</u> ±P | HE33043 | 病原微生物学実習 | Practice of Clinical Microbiology I | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE33063 | | Practice of Clinical | 1. 0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | | 医学物理学概論 | Microbiology II Basic of Medical Physics | 1.0 | 2 | | 0 | 0 | | | | | | 0 | | | | |
| | HE33041 | 免疫検査学 | Immunology | 2. 0 | 2 | | 0 | | | | | | | 0 | | | 0 | |
| 1.0.11 | HE33053 | 免疫検査学実習 | Practice of Immunology | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE33061 | 輸血学 | Transfusion Medicine | 1.0 | 3 | | 0 | | | | | | | 0 | | | 0 | |
| | HE33073 | 輸血学実習 | Practice of Transfusion Medicine | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE34131 | ゲノム医科学 | Genome Medicine | 1.0 | 3 | | 0 | | | | | | 0 | | | | 0 | |
| 生理機能検査学分野 | HE34001 | 生理機能検査学 | Clinical Physiology | 4. 0 | 3 | | 0 | | | | | | | 0 | | | 0 | |
| | HE34013 | 生理機能検査学実習 | Practice of Clinical Physiology Medical Imaging | 2.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | HE34035 HE34101 | 画像検査学 先端脳科学 | Technology: Lecture and Practice Frontiers of Brain | 3. 0 1. 0 | 3 3 · 4 | | 0 | | | | | | 0 | 0 | | | 0 | 0 |
| | HE34004 | 2. ⁴⁴ 44 神経科学特論 | Science Basics in Neuroscience | 1.0 | 3 · 4 | | 0 | | | | | | 0 | | | | | 0 |
| | | 种 在 科 子 行 論 検 査 機 器 学 | Laboratory | 1.0 | 2 | | 0 | | | | | | | 0 | | | 0 | |
| | | 検査機器学 検査情報管理学 | Instrumentation Laboratory Informatics | 1.0 | 2 | | 0 | | | | | | | 0 | | | | |
| | | | Clinical Laboratory | 1.0 | 2 | | | | | | | | | | | | | |
| | | 医学検査学 | Science Introduction of Medical | | <u>۲</u> | | 0 | | | | | | | 0 | | | 0 | |
| | HE35071 | 医療科学概論 | Science | 1.0 | 1 | | | | 0 | | | | | 0 | | | 0 | |
| | HE35041 | 医学検査学フロンティア | Frontier of Clinical Laboratory Science | 2. 0 | 4 | | 0 | 0 | | 0 | 0 | | | 0 | | | 0 | |
| | HE35053 | 医学検査学実習 | Practice of Clinical Laboratory | 1. 0 | 2 | 0 | | 0 | | | 0 | | | 0 | | 0 | 0 | |
| | | 多職種連携医療学概論 | Introduction to the interprofessional medical | 1.0 | 1-4 | | | | | | 0 | | | 0 | | 0 | | 0 |

医療科学類 <学士(医療科学)> カリキュラム・マップ College of Medical Sciences <Bachelor of Medical Sciences> Curriculum Map

| | | | | | 1 | 1 | T | | | | | | 1 | | | *科目により | 異なります *Va | | |
|--|-----------|--------------------------|-----------------------|--|-------|-----------|--------------------------|---|-------------------------------------|---|----------------------------|---|--------------------|--|---|--|---|---|--|
| AF日区功 Course Category 医療安全管理学分野 協地実習 分子病態学分野 | | | | | | | | 汎用コン Generic C | ピテンス ompetences | | | | <u>ı</u> Spe | 専門コンピテンス ecific Competend | ces | | Re | 修/選択 ´自由の別 equired, ive, or Free | |
| | | | | | | 標準履修 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | | |
| | | 科目番号 Course Number | | ·目の名称 se Name | | 年次 | コミュニケー | 批判的・創造的 思考力 | データ・情報リ テラシー | 広い視野と国際 性 | へのない 「心身の健康と人 間性・倫理性 | 、協働性・主体 性・自律性 | 医療人としての 倫理性と人間性 | 人間の健康と疾 病の理解 | 臨床検査の知識 と実践力 | 医科学の研究推 進能力 | 鼦と宇珺能力 | | 選択自由 |
| | | | | | | year | Communication ability | Ability for critical and creative thinking | Data and information literacy | Broad perspective and international character | | Cooperative, independent, and autonomous attitudes | humanity as a | Understanding human health and disease | Clinical laboratory knowledge and practical exercises | Ability to promote research in medical science | Ability to understand and practice team medicine | d ^{eu} | 選択 自由 Core Free Electi Electi ves ves |
| | | HE35002 | 生体機能診断ワークショッ プ | Biophysical Diagnosis Workshop | 1. 0 | 3 | | | | | | | | | 0 | | 0 | | 0 |
| | 医療安全管理学分野 | HE39505 | 医療安全管理学 | Medical Quality and Safety Science: Lecture and Practice | 2. 0 | 3 | | | | | | | | | 0 | | | 0 | |
| | 臨地実習 | HE39033 | 臨床実習 | Clinical Practice in Laboratories | 12. 0 | 4 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | |
| | | HE39023 | 卒業研究 | Graduation Research | 4. 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | | 0 | |
| | 分子病態学分野 | HE36111 | 細胞・発生工学 | Cellular and Developmental Biology | 1. 0 | 3 | | | | | | | | 0 | | | | | 0 |
| | | HE36161 | ためになる血液学 | Hematology for beginners | 1.0 | 1 · 2 | | | | | | | | 0 | | | | | 0 |
| | | HE36121 | ためになる内分泌代謝学 | Endocrinology and Metabolism for Beginners | | | | | | | | | | 0 | | | | | 0 |
| | | HE40161 | 血管生物学のトピックス | Topics in Vascular Biology | 1. 0 | 3 · 4 | | | | | | | | 0 | | | | | 0 |
| 門科目 | | HE36191 | バイオインフォマティクス | Bioinfomatics | 1.0 | 3 · 4 | | | 0 | | | | | | | 0 | | | 0 |
| Major ubjects | 病態医工学分野 | HE37101 | 医療工学 | Engineering for Clinical Medicine | 1.0 | 3 · 4 | | | | | | | | 0 | | | | | 0 |
| 10] 00 20 | | HE37141 | 人工臓器学 | Artificial Organs | 1.0 | 3 · 4 | | | | | | | | 0 | | | | | 0 |
| | | HE36151 | 胚操作・動物実験法(実験動 物学) | Manipulating the embryos of laboratory animals(Laboratory Animal Science) | 1 0 | 2 · 4 | | | | | | | | 0 | | | | | 0 |
| | 医科学応用 | HE41181 | 健幸医科学グループワーク | Workshop for Medical Science Students | 1.0 | 3 | 0 | 0 | | 0 | | 0 | | | | | | | 0 |
| | 先端医学の基礎 | HE24021 | 医科学のための英語 | English I for Medical Sciences | 2. 0 | 1 | 0 | | | 0 | | | | | | | | | 0 |
| | その他 | HE24002 | 主体性演習 その他学類長の指定する科 | Proactive Exercises Subjects Designated by the Dean | 2. 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 |

医療科学類 <学士(医療科学)> カリキュラム・マップ College of Medical Sciences <Bachelor of Medical Sciences> Curriculum Map

医療科学類 <学士(国際医療科学)> コンピテンス一覧 College of Medical Sciences Competence List <Bachelor of International Medical Sciences>

■汎用コンピテンス(学士課程) Generic Competences(Bachelor Program)

| | コミュニケーション能力 | 母語や外国語を適切に用いるとともに、各種メディアを利用したプレゼンテーション等を 行うコミュニケーション能力 |
|---|---|---|
| 1 | Communication ability | Communication ability to use the mother tongue and foreign languages properly and make presentations, etc. using various media |
| | 批判的·創造的思考力 | 一般的・専門的知識の体系的理解をベースに批判的・創造的に思考する能力 |
| 2 | Ability for critical and creative thinking | Ability to think critically and creatively based on systematic understanding of general and specialized knowledge |
| 3 | データ・情報リテラシー | 様々な事象や情報を数量的手法やコンピュータ等を用いて適切に解析・処理する能 カ |
| 5 | Data and information literacy | Ability to properly analyze and process various events and information using quantitative methods, computers, etc. |
| | 広い視野と国際性 | 自身の専門に留まらず文化・社会と自然・物質に関して幅広く理解し、異文化を理 解・尊重する能力 |
| 4 | Broad perspective and international character | Ability to broadly understand culture, society, nature, and materials and understand and respect different cultures and be not only involved in one's own expertise |
| | 心身の健康と人間性・倫理性 | 芸術やスポーツへの理解と実践等を通して心と身体の健康を保ち、人間性と倫理性 を有する市民としての責任を自覚して実践する能力 |
| 5 | Mental and physical health, humanity, and ethics | Ability to maintain mental and physical health through the understanding, practice, etc. of arts and sports and be conscious of one's responsibility and put it into practice as a citizen with humanity and ethics |
| 6 | 協働性·主体性·自律性 | チームワークやリーダーシップを通して様々な物事に対処し自己を管理しながら自律的 に学び続け行動する能力 |
| 0 | Cooperative, independent, and autonomous attitudes | Ability to keep learning and act autonomously while dealing with a situation through team work and leadership and practicing self-management |

■専門コンピテンス Specific Competences

| 1 | 生命科学の倫理と人間性 | 生命の尊厳と倫理を尊重する人間性を身につけている。 |
|---|--|---|
| | Ethics and humanity in the Life Sciences | Develop a moral character and view humanity respect the dignity and ethics of life |
| 2 | 人間の健康と疾病の理解 | 人間科学の基礎知識とともに、人間の健康と疾病に関する医学的知識を修得してい る。 |
| 2 | Understanding human health and disease | Acquire fundamental knowledge and understanding in human biology, as well as medical knowledge in human health and disease. |
| 3 | 医科学分野の知識と技術 | 医科学研究の原理と基本的な技術を身につけている。 |
| 3 | Knowledge and skills in the field of medical science | Learn essential knowledge, skills and principles of medical research. |
| 4 | 医科学の研究推進能力 | 医科学分野における研究開発を経験し、自ら研究を推進する幅広い基礎学力、情 報収集能力ならびに自学自習能力を獲得している。 |
| - | Ability to promote research in medical science | Acquire knowledge and learning skills through laboratory experiences to promote your own research. |
| 5 | 国際課題の理解と対応立案能力 | 医科学の分野において世界的に活躍できる基礎学力、技能、研究コミュニケーション 力を修得し、国際的な問題を解決するために学ぶ態度と探索能力ならびに対応立案 能力を獲得している。 |
| | Understanding of international issues and ability to plan responses | Acquire fundamental knowledge and scientific communication skills to explore the solution to solve global issues in medical sciences. |

| | | | | | - | | 1 | | | | | | | | | *科目により | 異なります *Va | nries by subject. |
|---------------------|---------------------------------------|--------------------|---|--|----------------|------------------------------------|--------------------------|---|-------------------------------------|---|--|---|---|--|--|--|--|--|
| | | | | | | | | | | ノピテンス Competences | | | | Sp | 専門コンピテンス ecific Competen | र ces | | 必修/選択 /自由の別 Required, Elective, or Free |
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | |
| | 科目区分 Course Category | 科目番号 Course | | 4目の名称 se Name | 単位数 Credits | 標準履修 年次 Standard registra | コミュニケーション能力 | 批判的・創造的 ⁺ 思考力 | データ・情報リ テラシー | 広い視野と国際 性 | 心身の健康と人 間性・倫理性 | 協働性・主体 性・自律性 | 生命科学の倫理 と人間性 | 人間の健康と疾 病の理解 | 医科学分野の知 識と技術 | 医科学の研究推 進能力 | 国際課題の理解 と対応立案能力 | |
| | | Number | | | | tion year | Communication ability | Ability for critical and creative thinking | Data and information literacy | Broad perspective and international character | Mental and physical health, humanity, and ethics | Cooperative, independent, and autonomous attitudes | Ethics and humanity in the Life Sciences | Understanding human health and disease | Knowledge and skills in the field of medical science | Ability to promote research in medical science | Understanding of international issues and ability to plan responses | 必修 Requir ed Electi Electi ves ves |
| | | 11**** | 総合科目(ファーストイヤーセミナー) | Multidisciplinary Subjects(First Year Seminar) | | <u> </u> | 1 | <u> </u> | | | | <u> </u> | | | | | | 0 |
| | | 12**** | 総合科目(学問への誘い) | Multidisciplinary Subjects(Invitation to Arts and Sciences) | | | | | | | | | | | | | | 0 |
| | | 12**** | 総合科目(学士基盤科目) | Multidisciplinary Subjects(exc. Freshmen Seminar and Invitation to | | | | | — , | — | <u> </u> | 77 | | | | | | 0 |
| | 共通科目 Common Foundation Subjects | 2**** | 体育 | Arts and Sciences) Physical Education | | | | のカリキ Curriculum M | | | | | | | | | | 0 |
| 基礎科目 | | 3**** | 第1外国語(英語) | 1st Foreign Language(English) Information | | | | | | | j | | | | | | | 0 |
| General Foundati | | 6***** 6***** | 情報リテラシー(講義) | Literacy(Lectures) Information Literacy | - | | | | | | | | | | | | | 0 |
| on Subjects | 3 | 6***** 6*** | 情報リテラシー(演習) データサイエンス | (Exercises) Data Science | | | | | | | | | | | | | | 0 |
| | | HE13011 | 科学実験の基礎 | Basic Techniques in Biomedical Experiments | 1.0 | 2 | 0 | | 0 | | | 0 | | | | 0 | | 0 |
| | 関連科目 | HE13001 | 医療科学キャリアセミナー | Career design in Medical Science | 1. 0 | 2 | 0 | | | | | 0 | 0 | | | | | 0 |
| | Specific Foundation Subjects | | 他学群または他学類の開設 科目(ただしE,F,G,Hで始ま る科目を除く) | Courses offered by other schools and colleges (exc. E, F, G, H subjects) | * | * | | 0 | 0 | 0 | | | | | | | _ | 0 |
| | | | E, F, G, Hで始まる授業科目 | Courses offered by other schools and colleges (inc. E, F, G, H subjects) | * | * | | 0 | 0 | 0 | | | | | | | | 0 |
| | 人体の構造と機能分野 | HE20142 | イメージング総論 | Introduction to Imaging | 1.0 | 2 | | 0 | | | | | | 0 | | | | 0 |
| | | HC21081 HE20013 | 人体構造学 人体構造学実習 | Human anatomy Practice of Human Physiology | 2. 0 1. 0 | 2 | 0 | 0 | 0 | | | 0 | | 0 | | | | 0 |
| | | HC21071 | 人体機能学 | Human Physiology | 2. 0 | 1 | | 0 | | | | | | 0 | | | | 0 |
| | | HE20033 | 人体機能学実習 | Practice of Human Physiology | 1. 0 | 2 | 0 | | 0 | | | 0 | | 0 | | | | 0 |
| | | HB21211 | 医科生化学 | Medical Biochemistry | 2. 0 | 1 | | 0 | | | | | | 0 | | | | 0 |
| | | HE20053 | 生化学実習 | Practice of Biochemistry | 1.0 | 2 | 0 | 0 | 0 | | | 0 | | 0 | | | | 0 |
| | 疾病の成り立ち及び医学 | HB21221 | 医科分子生物学 | Medical Molecular Biology | | 1 | | 0 | | | | | | 0 | | | | 0 |
| | 検査の基礎分野 | HE21001 | 医学史 | History of Medicine | 1.0 | 1 | | | | | | | 0 | | 0 | | | 0 |
| | | HE21051 | 医療・生命科学とテクノロ ジー | Technology for Medical Science | 1.0 | 1 | | 0 | | 0 | | | | | 0 | | | 0 |
| | | HE21041 | 基礎医学総論 | Introduction to Medical Science | 2. 0 | 2 | | 0 | | 0 | | | | | 0 | 0 | 0 | 0 |
| 専門基礎 | | HE21021 | 微生物学 | Microbiology | 2.0 | 2 | | 0 | 0 | | | | | 0 | | | | 0 |
| 科目 Foundati | 保健医療福祉と医学検査 | HE21033 HE22001 | 微生物学実習 保健衛生論 | Practice of Microbiology Public health and Hygiene | 2. 0 | 2 | 0 | | 0 | | | 0 | | 0 | | | | 0 |
| on Subjects | 分野 5 | HE22011 | | Health Legislation | 1.0 | 3 | | | | | | | | 0 | | | | 0 |
| for Major | | HE22021 | 計量生物学 | Biometrics | 1.0 | 2 · 3 | | | | | | | | 0 | | | | 0 |
| | 医療工学・情報科学分野 | HE23021 | 医用工学 | Medical Engineering | 1.0 | 1 · 2 | | 0 | | | | | | | 0 | | | 0 |
| | | HE23033 | 医用工学実習 | Practice of Medical Engineering | 1. 0 | 1 | 0 | | 0 | | | 0 | | | 0 | | | 0 |
| | | HE23041 | 電磁気学I | Electromagnetics | 1.0 | 1 · 2 | | 0 | | | | | | | 0 | | | 0 |
| | | HE35021 | 医療情報管理学 | Science of Medical Information | 1. 0 | 4 | | | 0 | | | | | | 0 | | | 0 |
| | 保健医療福祉と生命医科 | HE21101 | 生命倫理学 | Bioethics | 1. 0 | Л | | | | | 0 | 0 | 0 | | | | | 0 |
| | 学分野 | HE21101 HE22121 | 生 叩 俪 理 字 医療経済学 | Health Economics | 1.0 | 1 0 | | | | | | | | | 0 | | | 0 |
| | | | | Training and Career | 1.0 | 2 | \frown | | | | | \sim | \frown | | | | \frown | |
| | | HE23053 | キャリアデザイン研修 | Development | 1. U | <u>ک</u> | 0 | | | | | 0 | 0 | | | | 0 | 0 |
| | | HE22031 HE41170 | 実践英語(TOEFL対策) 国際生命医科学研修1, 11, | Mastering the TOEFL Test International Forum on | 1.0 1.0 | 2 3 · 4 | | 0 | | 0 | | 0 | | | | 0 | 0 | 0 |
| | | 8290107 | | Medical Biology Research | | 1-4 | | 0 | | 0 | | 0 | | | | | 0 | 0 |
| I | | | (東南アジア) | Study (Southeast Asia) | 2.0 | | | | 6 / 8 ~- | | | | I | | | | | |

医療科学類 <学士(国際医療科学)> カリキュラム・マップ College of Medical Sciences <Bachelor of International Medical Sciences> Curriculum Map

| | | | | | | | | | 汎用コン Generic(| νピテンス Competences | | | | Sp | 専門コンピテンス pecific Competend | ζ | 異なります *Va | 业 / R | by sub 必修/選 (自由の) Required ive, or | 訳 別 d, |
|-------------------------------------|----------------|--------------------|--|--|--------------|--------------------------|--------------------------|----------------|-------------------------------------|---|--|--|---------------------------|-----------------|--|-----------------------|--------------------------|--------------------|--|-----------------------------|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | | ļ | |
| | 科目区分 | 科目番号 Course | [] [文未作] | 目の名称 | 単位数 | 標準履修 年次 Standard | コミュニケー ション能力 | 批判的・創造的 思考力 | データ・情報リ テラシー | 広い視野と国際 性 | 心身の健康と人 間性・倫理性 | 協働性・主体 性・自律性 | 生命科学の倫理 と人間性 | 人間の健康と疾 病の理解 | │ │医科学分野の知 │ 識と技術 | 医科学の研究推 進能力 | 単国際課題の理解 と対応立案能力 | | | |
| C | ourse Category | Number | Cours | se Name | Credits | registra tion year | Communication ability | | Data and information literacy | Broad perspective and international character | Mental and physical health, humanity, and ethics | Cooperative, independent, and autonomous | Ethics and humanity in | Understanding | Knowledge and skills in the field of medical science | Ability to | | 必修 Requir ed | 選択 Core Electi ves | 自由 Free Electi ves |
| | | HE41175 | | Training Abroad on Medical Biology | 1.0 | 3 · 4 | | 0 | | 0 | | 0 | | | 0 | | | | 0 | |
| 専門基礎科 目 | 先端医学の基礎 | HE24011 | | Basis of Reading of English Literatures on | 1.0 | 2 · 3 | 0 | 0 | | | | 0 | | | | 0 | | 0 | | |
| Foundation Subjects for Major | | | その他学類長が指定する科 | Medical Sciences Subjects Designated by the Dean | | | | | | | | | | | | | | | 0 | |
| | | HE41181 | 日 ┃ ┃ 健幸医科学グループワーク | Workshop for Medical Science Students | 1.0 | 3 | 0 | 0 | | 0 | | 0 | | | | | 0 | 0 | | |
| | | HE40061 | | English Communication for | 3. 0 | 3 | | | | 0 | | | | | 0 | | 0 | 0 | | |
| | | HE40071 | 医科学専門語学 11 | Medical Sciences I English Communication for | 3. 0 | 4 | | | | 0 | | | | | 0 | | 0 | 0 | | |
| | | HE40081 | 医療科学特論 | Medical Sciences II Topics in Medical | 1.0 | 3 | | 0 | | 0 | 0 | 0 | | | 0 | 0 | | 0 | | |
| | | HE40091 | 医療科学特論目 | Sciences Topics in Medical Sciences | 1.0 | 4 | | 0 | | 0 | 0 | 0 | | | 0 | 0 | | 0 | | |
| | | HE40102 | 医科学演習 | Seminar on Medical Sciences | 1.0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | | |
| | | HE40052 | 研究演習 | Research Seminar | 2.0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 0 | 0 | | |
| | 生物化学分野 | HE40113 HE32051 | 卒業研究 | Graduation Research Genetic Engineering and | 8. 0 1. 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | |
| 4 | | HE32021 | 凝固・線溶学 | Cytogenetics Coagulation and Fibrinolysis | 1.0 | 3 | | 0 | | | | | | | 0 | | | | 0 | |
| | | HE36161 | ためになる血液学 | Hematology for beginners | 1.0 | 1 · 2 | | 0 | | | | | | 0 | | | | | 0 | |
| | | HE36121 | ためになる内分泌代謝学 | Endocrinology and Metabolism for Beginners Topics in Vascular | | | | 0 | | | | | | 0 | | | | | 0 | |
| | | HE40161 HE36191 | 血管生物学のトピックス バイオインフォマティクス | Biology | 1.0 1.0 | 3 · 4 3 · 4 | | 0 | | | | | | 0 | 0 | 0 | | | 0 | |
| | | HE34131 | ゲノム医科学 | Genome Medicine | 1.0 | 3 | | 0 | | | | | | 0 | 0 | | | | 0 | |
| | | HE32002 | 生化学成分検査学 | Clinical Biochemistry Radioisotope Examination | 3.0 | 2 | | 0 | | | | | | | 0 | | | | 0 | |
| | 病因・生体防御分野 | HE32061 HE33001 | RI検査技術学 病原微生物学 | Clinical Microbiology | 1.0 2.0 | 2 | | 0 | | | | | | | 0 | | | | 0 | |
| 専門科目 Major | | HE33041 | 免疫検査学 | Immunology | 2. 0 | 2 | | 0 | | | | | | | 0 | | | | 0 | |
| Subjects | | HE33061 HE32071 | 輸血学 医学物理学概論 | Transfusion Medicine Basic of Medical Physics | 1.0 1.0 | 3 | | 0 | | | | | | | 0 | | | | 0 | |
| | 生理機能分野 | HE35061 | 医学検査学 | Clinical Laboratory Science | 1.0 | 2 | | 0 | | | | | | | 0 | | | | 0 | |
| | | HE35053 | 医学検査学実習 | Practice of Clinical Laboratory | 1.0 | 2 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE34101 | 先端脳科学 | Frontiers of Brain Science | 1.0 | 3 · 4 | | 0 | | | | | | 0 | | | | | 0 | |
| | | HE34004 HE31001 | 神経科学特論 病理組織学 | Basics in Neuroscience Histopathology | 1.0 2.0 | 3 · 4 | | 0 0 | | | | | | 0 | 0 | | | | 0 | |
| | | HE31001 HE31031 | 两理組織字 血液検査学 | Clinical Hematology | 2. 0 2. 0 | 2 | | 0 | | | | | | | 0 | | | | 0 | |
| | | HE34001 | 生理機能検査学 | Clinical Physiology Laboratory | 4.0 | 3 | | 0 | | | | | | | 0 | | | | 0 | |
| | | HE35081 HE30001 | 検査機器学 | Instrumentation Clinical Pathophysiology | 1.0 2.0 | 2 | | 0 | | | | | | 0 | 0 | | | | 0 | |
| | | HE30021 | 臨床薬理学 | Clinical pharmacology | 1.0 | 3 | | 0 | | | | | | 0 | | | | | 0 | |
| | 実験医学分野 | HE36151 | 胚操作・動物実験法(実験動 物学) | Manipulating the embryos of laboratory animals(Laboratory Animal Science) | 1. 0 | 2 · 4 | | 0 | | | | | | 0 | | | | | 0 | |
| | | HE36111 | 細胞・発生工学 | Cellular and Developmental Biology | 1.0 | 3 | | 0 | | | | | | 0 | | | | | 0 | |
| | 医工学分野 | HE37101 | | Engineering for Clinical Medicine | 1.0 | 3 · 4 | | 0 | | | | | | 0 | | | | | 0 | |
| | | HE37141 | 人工臓器学 | Artificial Organs | 1.0 | 3 · 4 | | 0 | | | | | | 0 | | | | | 0 | |
| | 医療情報・検査学分野 | HE35011 | 検査情報管理学 | Laboratory Informatics Medical Imaging | 1.0 | 3 | | 0 | ~ | | | | | | 0 | | | | | |
| | | HE34035 | 画像検査学 | Technology: Lecture and Practice | 3. 0 | 3 | | 0 | 0 | | | | | | 0 | | | | 0 | |

医療科学類 <学士(国際医療科学)> カリキュラム・マップ College of Medical Sciences <Bachelor of International Medical Sciences> Curriculum Map

| | | | 1 | | 1 | 1 | 1 | | | | | | Γ | | | *科目により | 異なります *Va | | | |
|----------|------------------------|--------------------------|----------------------|--|----------------|--------------------------------------|--------------------------|---|-------------------------------------|---|--|---|---|--|--|--|--|----------------------------------|-----------------------------|-----------------------------|
| | | | | | | | | 汎用コン Generic(| ンピテンス Competences | | | | Sp | 専門コンピテンス ecific Competen | ces | | Re | 修/選 自由の equired ive, or | 別 1, | |
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | | | |
| | 科目区分 ourse Category | 科目番号 Course Number | 「「「「「「「「」」で「「「」」です。」 | ↓目の名称 se Name | 単位数 Credits | 標準履修 年次 Standard s registra | コミュニケー | 批判的・創造的 思考力 | データ・情報リ テラシー | リ 広い視野と国際 性 | 心身の健康と人 間性・倫理性 | 協働性・主体 性・自律性 | 生命科学の倫理 と人間性 | 人間の健康と疾 病の理解 | 医科学分野の知 識と技術 | 医科学の研究推 進能力 | 国際課題の理解 と対応立案能力 | | | |
| | | Number | | | | tion year | Communication ability | Ability for critical and creative thinking | Data and information literacy | Broad perspective and international character | Mental and physical health, humanity, and ethics | Cooperative, independent, and autonomous attitudes | Ethics and humanity in the Life Sciences | Understanding human health and disease | Knowledge and skills in the field of medical science | Ability to promote research in medical science | Understanding of international issues and ability to plan responses | eu | 選択 Core Electi ves | 目田 Free Electi ves |
| | | HE30031 | 病態検査学 | Clinical Laboratory Medicine | 3. 0 | 3 | | | | | | | | 0 | 0 | | | | 0 | |
| | | HE31021 | 細胞検査学 | Cytology | 2. 0 | 3 | | | | | | | | | 0 | | | | 0 | |
| | | HE39033 | 臨床実習 | Clinical Practice in Laboratories | 12. 0 | 4 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | | | | 0 | |
| | | HE39012 | ケア・コロキウム | Care colloquium | 1.0 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | | | | | 0 | |
| | | HE35041 | 医学検査学フロンティア | Frontier of Clinical Laboratory Science | 2. 0 | 4 | | 0 | 0 | | 0 | 0 | | | 0 | | | | 0 | |
| | 先端医学実践分野 | HE30033 | 臨床薬理学実習 | Practice of Clinical Pharmacology | 1. 0 | 3 | 0 | | 0 | | | 0 | | 0 | | | | | 0 | |
| | | HE33073 | 輸血学実習 | Practice of Transfusion Medicine | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE34013 | 生理機能検査学実習 | Practice of Clinical Physiology | 2. 0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE31043 | 血液検査学実習 | Practice of Clinical Hematology | 1. 0 | 2 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE32013 | 生化学成分検査学実習 | Practice of Clinical Biochemistry | 2. 0 | 2 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| Major | | HE31013 | 病理組織学実習 | Practice of Histopathology | 2. 0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| Subjects | | HE32053 | 遺伝子検査学実習 | Practice of Genetic Engineering and Cytogenetics | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE33043 | 病原微生物学実習 | Practice of Clinical Microbiology I | 1. 0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE33063 | 病原微生物学実習日 | Practice of Clinical Microbiology II | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | | HE33053 | 免疫検査学実習 | Practice of Immunology Medical Quality and | 1.0 | 3 | 0 | | 0 | | | 0 | | | 0 | | | | 0 | |
| | 医療安全管理学分野 | HE39505 | 医療安全管理学 | Safety Science: Lecture and Practice Introduction to the | 2. 0 | 3 | | | | | | | | | 0 | | - | | 0 | |
| | 検査総合管理学分野 | HE35051 | 多職種連携医療学概論 | interprofessional medical coordination Introduction of Medical | | 1-4 | | | | | | 0 | | | 0 | | | | 0 | |
| | | HE35071 | 医療科学概論 | Science | 1.0 | 1 | | | | 0 | | | | | 0 | | | | 0 | |
| | | HE35002 | 生体機能診断ワークショッ プ | Workshop | 1.0 | 3 | | | | 0 | 0 | 0 | | | 0 | | | | 0 | ļ |
| | 先端医学の基礎 | HE24021 | 医科学のための英語 | English for Medical Sciences | 2. 0 | 1 | 0 | | | 0 | | 0 | | | | | | | 0 | |
| | | HE24002 | 主体性演習 | Proactive Exercises | 2. 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | 0 | |
| | その他 | | その他学類長が指定する科 目 | Subjects Designated by the Dean | | | | | | | | | | | | | | | 0 | |

医療科学類 <学士(国際医療科学)> カリキュラム・マップ College of Medical Sciences <Bachelor of International Medical Sciences> Curriculum Map