

Jiroft University of Medical Sciences

School of medicine

Core Curriculum of medicine

Jiroft University of Medical Sciences (JMU)

M.D. program course syllabus for International student.

M.D.- 1st semester

| | Subject | Number of credits | | Prerequisite | Total credits |
|---|---------------------------------|----------------------|--------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Persian Language | 3 | 0 | | 3 |
| 2 | General English | 3 | 0 | | 3 |
| 3 | Medical physics 1 | 0 | 1 | | 1 |
| 4 | Pre university English language | 2 | - | | 2 |
| 5 | Cell & Molecule Biochemistry | 1.88 | 0.44 | | 2.32 |
| 6 | Preparation for Anatomy | 2.26 | 0.24 | | 2.5 |
| 7 | Cell Physiology | 0.82 | 0 | | 0.82 |
| | Total | 12.96 | 1.68 | | 14.64 |

Jiroft University of Medical Sciences (JMU)

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M.D.- 2th semester

| | Subject | Number of credits | | Prerequisite | Total credits |
|----|--------------------------------------|----------------------|--------------------|------------------------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Medical physics 2 | 0 | 1 | Physical Education 1 | 1 |
| 2 | Biochemistry Discipline (Metabolism) | 1.29 | 0.44 | Cell & Molecule Biochemistry | 1.73 |
| 3 | Anatomy of Respiratory system | 0.47 | 0.24 | Preparation for Anatomy | 0.71 |
| 4 | Respiratory Physiology | 0.59 | 0.12 | Cell Physiology | 0.71 |
| 5 | Anatomy of the cardiac system | 1 | 0.47 | Preparation for Anatomy | 1.47 |
| 6 | cardiovascular system | 1.12 | 0.12 | Cell Physiology | 1.24 |
| 7 | Blood Physiology | 0.29 | 0.06 | Cell Physiology | 0.35 |
| 8 | Cardiac Physiology | 0.47 | 0.06 | Cell Physiology | 0.53 |
| 9 | Specialized Language 1 | 3 | 0 | General English | 3 |
| 10 | Public health 1 | 0 | 0.5 | | 0.5 |
| 11 | Principles of Health Services | 1.5 | 0 | | 1.5 |
| 12 | Medical Immunology | 1.76 | 0.24 | | 2 |
| | Total | 11.49 | 3.25 | | 14.74 |

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M.D.- 3th semester

| | Subject | Number of credits | | Prerequisite | Total credits |
|---|---------------------------------------|----------------------|--------------------|------------------------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Medical Bacteriology | 2.41 | 0.59 | | 3 |
| 2 | Neuroanatomical | 1.47 | 0.41 | Preparation for Anatomy | 1.88 |
| 3 | Anatomy of the special Sensory device | 0.82 | 0.12 | Preparation for Anatomy | 1 |
| 4 | Neurophysiology & special senses | 1.4 | 0.1 | Cell Physiology | 1.5 |
| 5 | Anatomy of Neck & Head | 1.18 | 0.5 | Preparation for Anatomy | 1.68 |
| 6 | Medical Specialty Language 2 | 3 | 0 | | 3 |
| 7 | Public health 2 | 0 | 0.5 | | 0.5 |
| 8 | General Principles of Nutrition | 2 | 0 | Cell & Molecule Biochemistry | 2 |
| | Total | 12.28 | 2.22 | | 14.5 |

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M.D.- 4th semester

| | Subject | Number of credits | | Prerequisite | Total credits |
|----|-------------------------------------|----------------------|--------------------|--|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Family & population knowledge | 2 | 0 | | 2 |
| 2 | Gastrointestinal Anatomy | 1.5 | 0.5 | Preparation for Anatomy | 2 |
| 3 | Digestive physiology | 0.59 | .12 | Cell Physiology | 0.71 |
| 4 | Anatomy of the Genitourinary System | 0.9 | 0.29 | Preparation for Anatomy | 1.19 |
| 5 | Kidney Physiology | 0.7 | 0.12 | Cell Physiology | 0.82 |
| 6 | Kidney Biochemistry | 0.24 | 0 | Cell & Molecule Biochemistry; Biochemistry Discipline | 0.24 |
| 7 | Parasitology & Mycology | 2.53 | 0.47 | | 3 |
| 8 | Public health 3 | 0 | 0.5 | | 0.5 |
| 9 | Principles of Epidemiology | 2 | 0 | | 2 |
| 10 | Medical virology | 1 | 0 | | 1 |
| 11 | Medical Genetics | 2 | | Cell & Molecule Biochemistry; Cell Physiology | 2 |
| | Total | 13.46 | 2 | | 15.46 |

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M.D.- 5th semester

| | Subject | Number of credits | | Prerequisite | Total credits |
|----|------------------------------|----------------------|--------------------|--|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Medical Physics | 2 | 0 | | 2 |
| 2 | General pathology | 3 | 1 | | 4 |
| 3 | Anatomy of Endocrine | 0.24 | 0.18 | Preparation for Anatomy | 0.42 |
| 4 | Endocrine anatomy | 1.18 | 0.12 | Cell Physiology | 1.3 |
| 5 | Biochemical Hormones | 0.7 | 0 | Cell & Molecule Biochemistry; Biochemistry Discipline | 0.7 |
| 6 | Musculoskeletal Anatomy | 1.75 | 0.6 | Preparation for Anatomy | 2.35 |
| 7 | Fundamentals of Pharmacology | 1 | 0 | | 1 |
| 8 | Health Psychology | 2 | 0 | | 2 |
| 9 | Public health 3 | 0 | 0.5 | | 0.5 |
| 10 | optional lesson | 2 | | | 2 |
| 11 | optional lesson | 2 | | | 2 |
| | Total | 15.87 | 2.4 | | 18.27 |

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Specialty programs

Medicine – Physiopathology – 1st stage

| | Subject | Number of credits | | | Total credits |
|---|---------------------|-------------------------|-----------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | Prerequisite | |
| 1 | gastroenterology | | | | 2 |
| 2 | Endocrinology | | | | 2 |
| 3 | Lung diseases | | | | 2 |
| 4 | Heart diseases | | | | 2 |
| 5 | Pharmacology 1 | | | | 2 |
| 6 | Special Pathology 1 | | | | 3 |
| | Total | | | | 13 |

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Specialty programs

Medicine – Physiopathology – 2nd stage

| | Subject | Number of credits | | Prerequisite | Total credits |
|---|---------------------|----------------------|--------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Kidney diseases | | | | 2 |
| 2 | Blood diseases | | | | 2 |
| 3 | Rheumatology | | | | 2 |
| 4 | Pharmacology 2 | | | | 2 |
| 5 | Semiology | | | | 4 |
| 6 | Health Training | | | | 2 |
| 7 | Skill lab | | | | 2 |
| 8 | Special Pathology 2 | | | | 3 |
| | Total | | | | 19 |

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Specialty programs

Medicine – Training – 1st stage

| | Subject | Number of credits | | Prerequisite | Total credits |
|----|-------------------------------------|----------------------|--------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | | |
| 1 | Internal Department Training | | | | 9 |
| 2 | General Surgery Department Training | | | | 6 |
| 3 | Urology Department Training | | | | 3 |
| 4 | Orthopedic Department Training | | | | 3 |
| 5 | Radiology Department Training | | | | 3 |
| 6 | Infection Department Training | | | | 3 |
| 7 | Cardiac Department Training | | | | 3 |
| 8 | Surgery (proprietary) | | | | 4 |
| 9 | Surgery (General) | | | | 6 |
| 10 | Statistics & Research | | | | 2 |
| 11 | The theory of Infection Diseases | 3 | | | 3 |
| | Total | | | | 45 |

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Specialty programs

Medicine – Training – 2nd stage

| | Subject | Number of credits | | | Total credits |
|----|---|----------------------|--------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | Prerequisite | |
| 1 | Children Department Training | | | | 9 |
| 2 | Woman Department Training | | | | 6 |
| 3 | Eye Department Training | | | | 3 |
| 4 | Ear, Nose, Throat (ENT) Department Training | | | | 3 |
| 5 | Psychiatric Department Training | | | | 3 |
| 6 | Skin Department Training | | | | 3 |
| 7 | Neurology Department Training | | | | 3 |
| 8 | Woman Diseases | | | | 4 |
| 9 | Neurology Diseases | | | | 2 |
| 10 | Psychiatric Diseases | | | | 2 |
| 11 | Children Diseases | | | | 6 |
| 12 | The theory of Forensic Medicine | | | | 2 |
| 13 | History & Medical Ethics | | | | 2 |
| 14 | Epidemiology | | | | 2 |
| 15 | Thesis | | | | 2 |
| | Total | | | | 52 |

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Specialty programs

Medicine – Internship

| | Subject | Number of credits | | | Total credits |
|----|----------------------------------|-------------------------|-----------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | Prerequisite | |
| 1 | Internal Department Internship | | | | 12 |
| 2 | General Department Internship | | | | 8 |
| 3 | Children Department Internship | | | | 12 |
| 4 | Woman Department Internship | | | | 8 |
| 5 | Health Department Internship | | | | 4 |
| 6 | ENT Department Internship | | | | 4 |
| 7 | Psychiatry Department Internship | | | | 4 |
| 8 | Neurology Department Internship | | | | 4 |
| 9 | Cardiac Department Internship | | | | 4 |
| 10 | Eye Department Internship | | | | 4 |

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Specialty programs

Medicine – Internship

| | Subject | Number of credits | | | Total credits |
|----|----------------------------------|-------------------------|-----------------------|--------------|---------------|
| | | Credit (Theoretical) | Credit (practical) | Prerequisite | |
| 11 | Skin Department Internship | | | | 4 |
| 12 | Infection Department Internship | | | | 4 |
| 13 | Orthopedic Department Internship | | | | 2 |
| 14 | Urology Department Internship | | | | 2 |
| 15 | Emergency Medicine Internship | | | | 4 |
| 16 | Thesis | | | | 4 |
| | Total | | | | 84 |