

Comparison of Foundation Knowledge Areas

The Domain of Dentistry represents the Clinical Content Areas and Foundation Knowledge Areas required for the safe, independent, general practice of dentistry by entry-level practitioners.

To better understand the Foundation Knowledge Areas, a comparison has been developed between the Foundation Knowledge Areas of the Domain of Dentistry for use by the INBDE and those currently covered by either Part I or Part II of the NBDE.

The following color coding has been used:

Covered on NBDE Part I

Covered on NBDE Part II

Covered on both NBDE Part I and NBDE Part II

New. Covered on neither NBDE Part I nor NBDE Part II

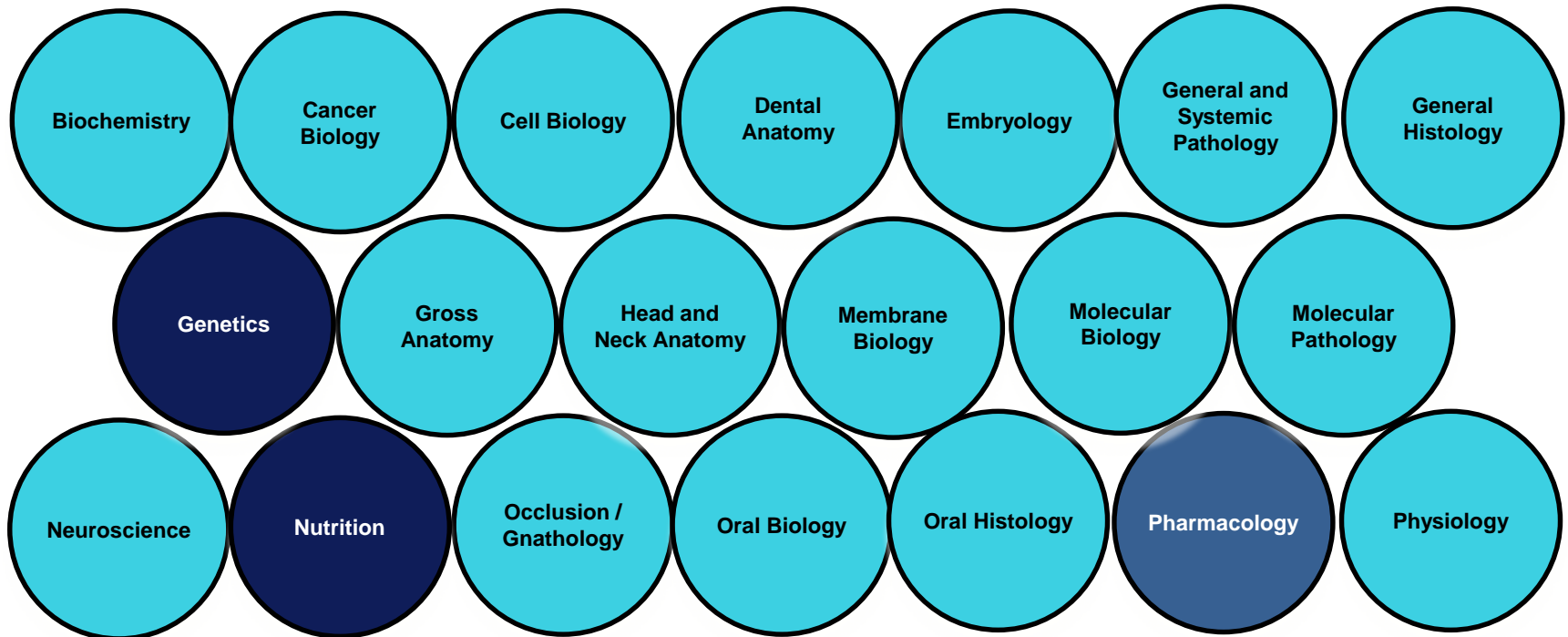
The size of the circle is **not** proportional to the weighting of the Foundation Knowledge Area on the INBDE.

The successful entry-level general practitioner is focused on the prevention, diagnosis, and management of oral disease, and the promotion and maintenance of general health. This requires application of the specific knowledge listed for each of the following FKs.

Basic and Foundation Sciences covered in part by Foundation Knowledge 1 (FK1) (9C)

FK1

Molecular, biochemical, cellular, and systems-level development, structure and function



Color Coding

Part
I

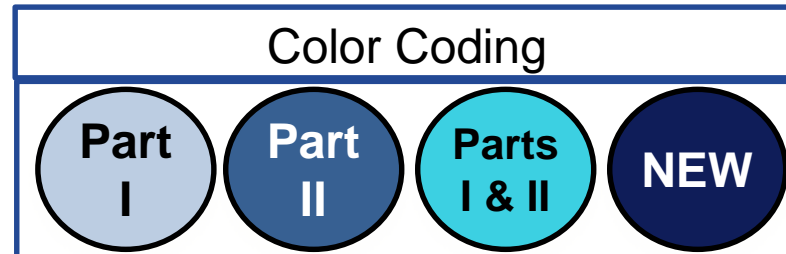
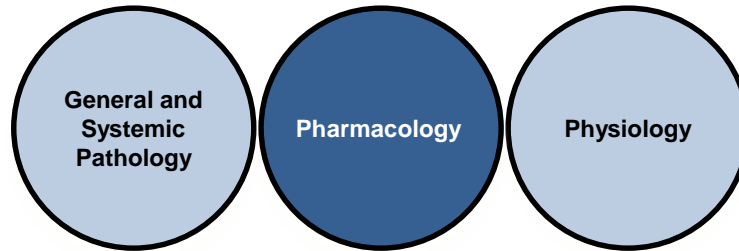
Part
II

Parts
I & II

NEW

Basic and Foundation Sciences covered in part by Foundation Knowledge 2 (FK2) (1C)

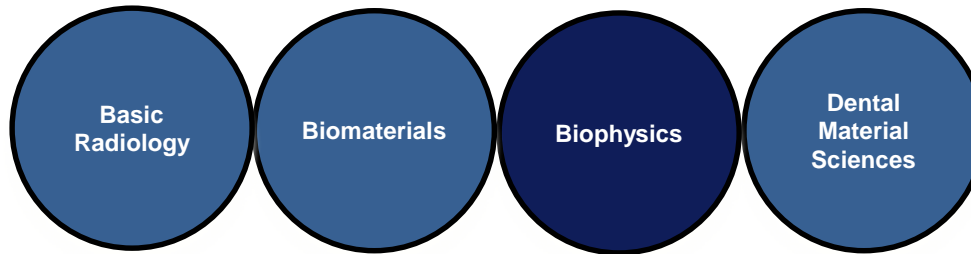
FK2	Physics and chemistry to explain normal biology and pathobiology
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Basic and Foundation Sciences covered in part by Foundation Knowledge 3 (FK3) (3C)

FK3

Physics and chemistry to explain the characteristics and use of technologies and materials



Color Coding

Part
I

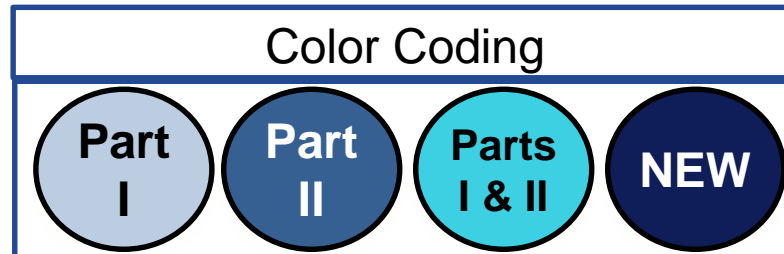
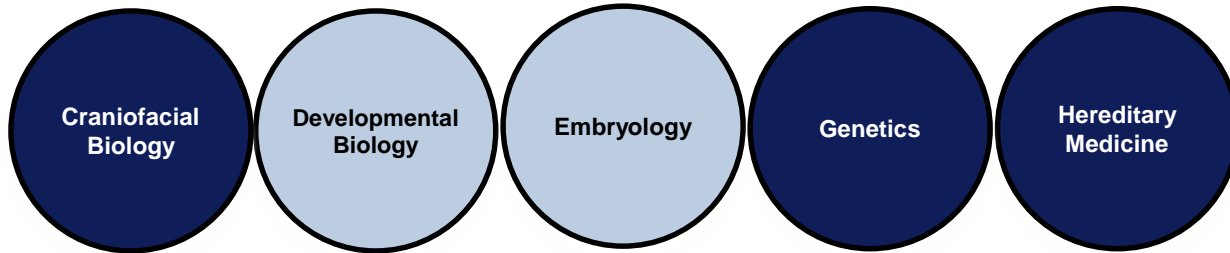
Part
II

Parts
I & II

NEW

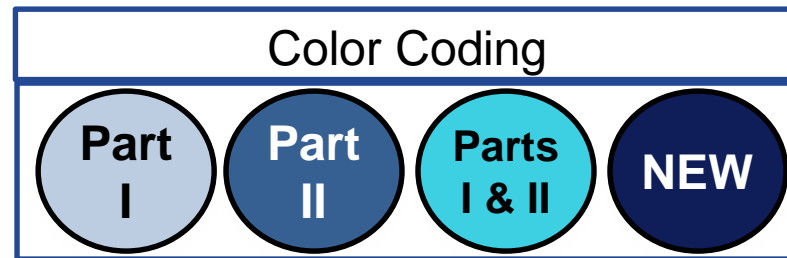
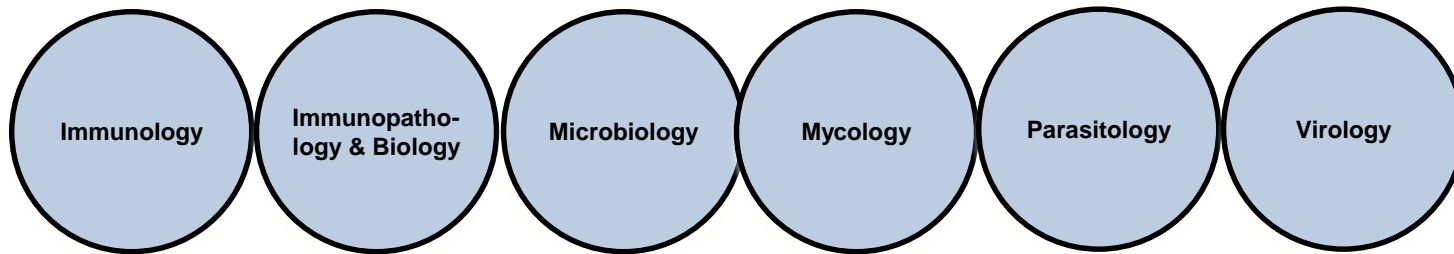
Basic and Foundation Sciences covered in part by Foundation Knowledge 4 (FK4) (2C)

FK4	Principles of genetic, congenital and developmental diseases and conditions and their clinical features to understand patient risk
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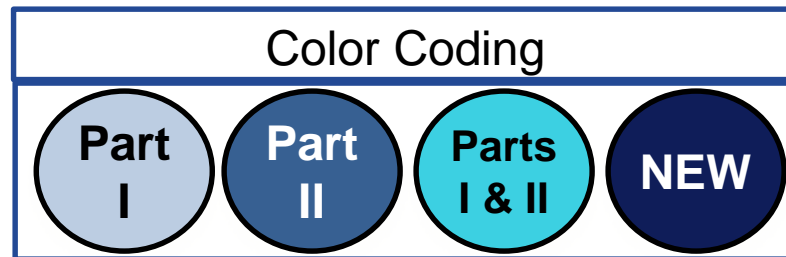
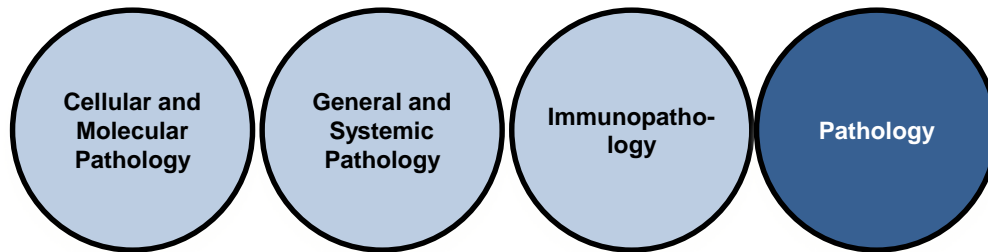
Basic and Foundation Sciences covered in part by Foundation Knowledge 5 (FK5) (3C)

FK5	Cellular and molecular bases of immune and non-immune host defense mechanisms
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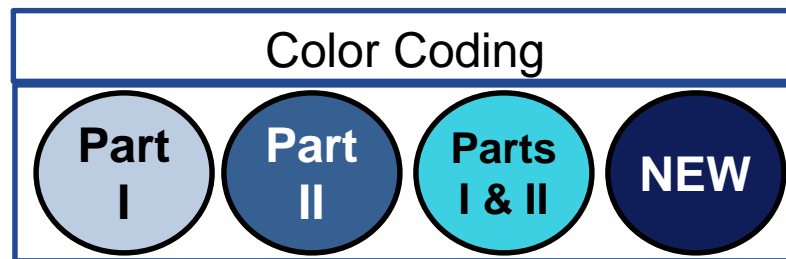
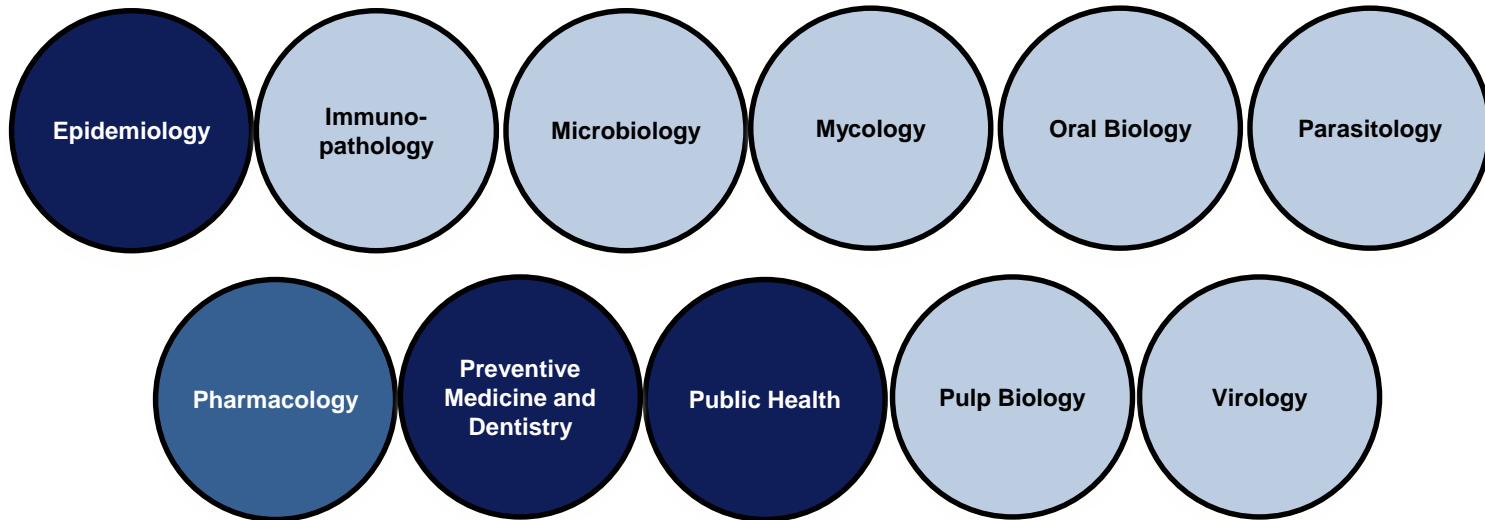
Basic and Foundation Sciences covered in part by Foundation Knowledge 6 (FK6) (5C)

FK6	General and disease-specific pathology to assess patient risk
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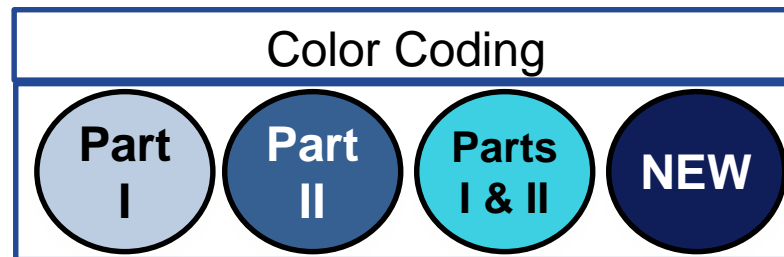
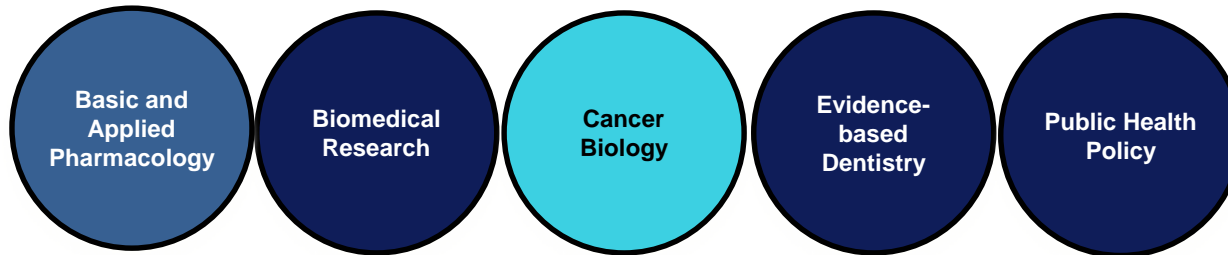
Basic and Foundation Sciences covered in part by Foundation Knowledge 7 (FK7) (3C)

FK7	Biology of microorganisms in physiology and pathology
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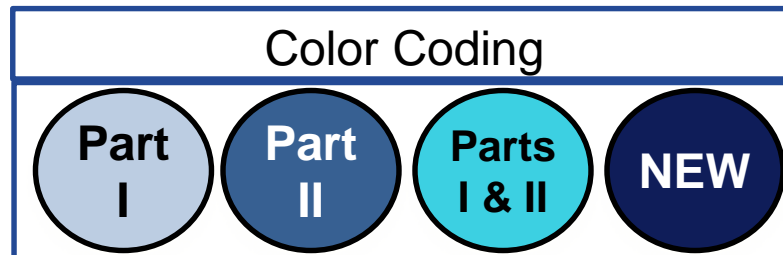
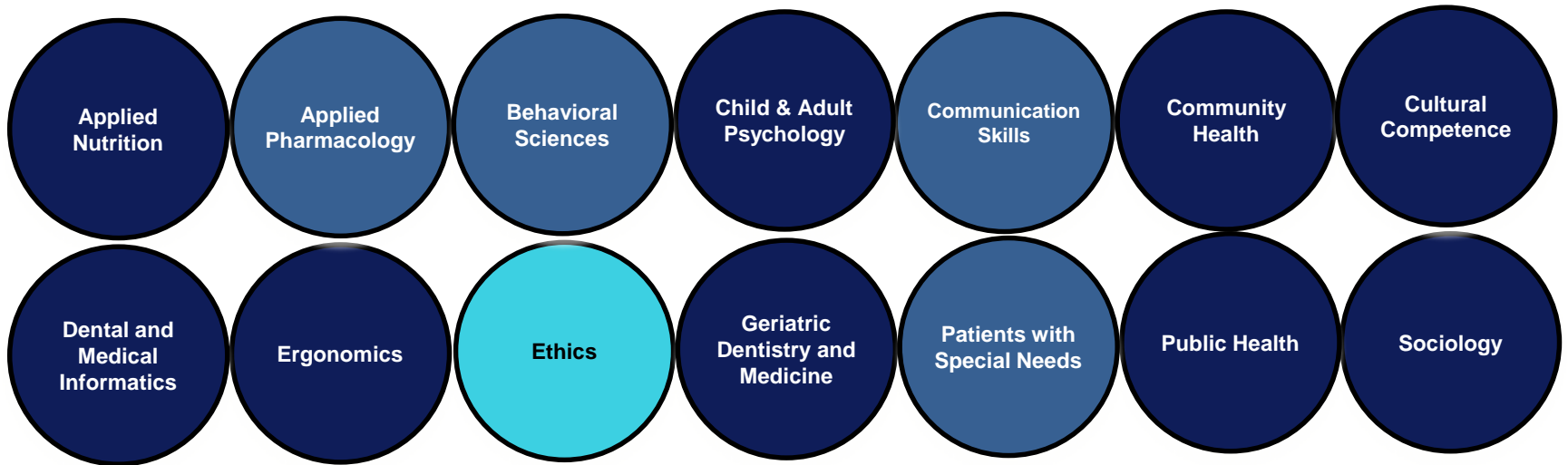
Basic and Foundation Sciences covered in part by Foundation Knowledge 8 (FK8) (3C)

FK8	Pharmacology
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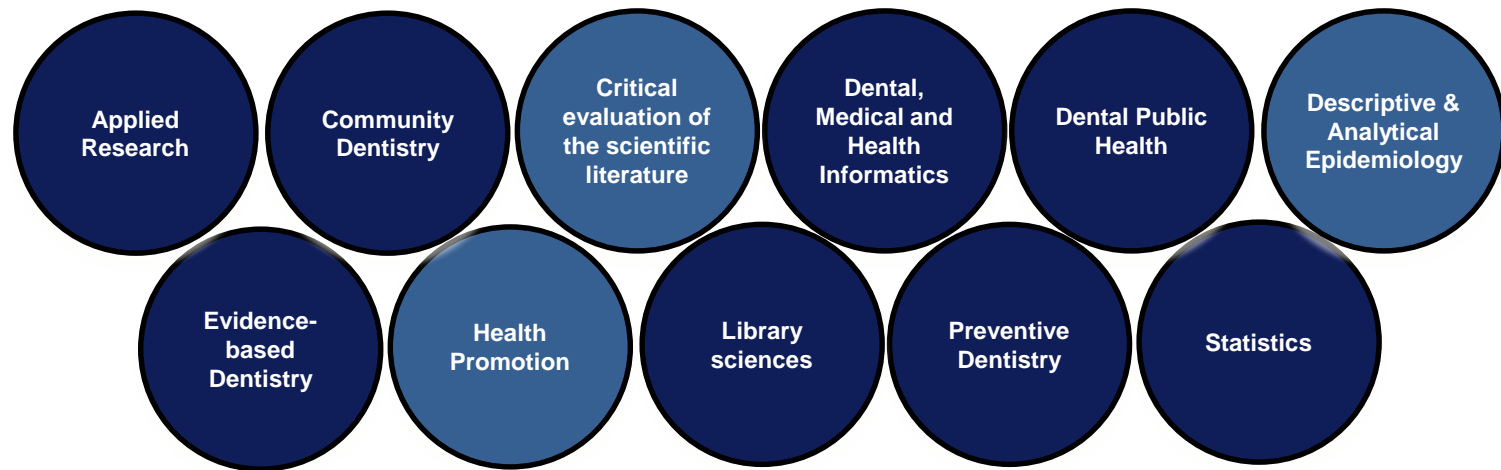
Basic and Foundation Sciences covered in part by Foundation Knowledge 9 (FK9) (4C)

FK9	Sociology, psychology, ethics and other behavioral sciences
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Basic and Foundation Sciences covered in part by Foundation Knowledge 10 (FK10) (5C)

FK10 Quantitative knowledge, critical thinking, and informatics tools



Color Coding

Part I

Part II

Parts I & II

NEW

Document History

Submitted for consideration by the JCNDE Committee for R&D – 2015