

**Aalborg Academy of Science  
College of Medicine [AAS-COM]  
Master Program in Endocrinology**

**Program Category:** Medicine

**College:** Medicine

**Program Level:** M Sci

**Teaching Methods:** Full- time or Part- time.

**Program Starting Date:** open

**Teaching Language:** English.

**Program Duration:** Full-time 2 years; Part –time: 3 years.

**Application Date:** open

**Credit Hours:** 36

**Program Code:** AAS-COM-ENDMSC

**Program Degree:** M Sc. In Endocrinology

**Objectives of the program.**

- To enhance awareness of the basic sciences and research techniques underpinning endocrinology and diabetes including literature searches, reviewing evidence, critical appraisal of scientific literature, use of databases, writing papers and articles and correct application of statistics.
- To develop understanding of the clinical sciences relevant to specialist clinical practice in endocrinology and diabetes.
- To develop knowledge of common and important disorders in endocrinology and diabetes at a level appropriate to underpin clinical experience and support independent practice.
- To develop the problem-solving skills which will enable independent practice as a specialist?
- To develop professional competencies of medical graduates in allied areas to understand the pathophysiology, investigation and management of endocrine disorders
- To develop related transferable skills such as correct use of statistics, use of databases, literature searches, reviewing evidence, critical appraisal of scientific literature, writing papers and articles.
- For students completing the independent research module also to focus on a piece of original research – this may be prospective and involve basic science or clinical skills and techniques or may focus on a detailed review of an area within the curriculum.

Studying this course will lead to improved knowledge in the subject including up-to-date and emerging areas of research. Completion of the course may be considered favorably by training bodies and prospective employers.

**Entry Requirement:**

Candidates for the M Sc Endocrinology must hold MBBS.

**Program Structure:****YEAR ONE****First Semester**

Code	Course	Credit
ENDDHP	Disorders of the Hypothalamus and Pituitary	4
ENDDPCB	Disorders of Parathyroid, Calcium and Bone	3
ENDTD	Thyroid Disorders	3
ENDREM	Research Methods	2
		<b>12</b>

**Second Semester**

Code	Course	Credit
ENDRE	Reproductive Endocrinology	4
ENDDA	Disorders of the Adrenals	3
ENDRC	Endocrine –Related Cancer	2
ENDPEE	Pediatric Endocrinology	3
		<b>12</b>

**SECOND YEAR**

**Research Project:** 12 Credits

**Course summary**

Students will develop the skills to access information independently and use it to critically assess, evaluate and disseminate evidence that is related to endocrine care. We aim to help them develop creative, problem-solving approaches to complex clinical situations, and become an important advocate in the delivery of care to people with endocrinology-related problems.

**Research methods**

This course provides the theoretical basis for successful design and conduct of scientific research projects. The objective of the course is to give candidate the requisite skills to design and conduct a research project; analyse and report in writing and orally on the finding.

**Research Project**

The objective of the module is to train the candidate in the rigors of scientific research through the conduct of a research project. Candidates will have primary responsibility for all aspects of the research project including definition of problem, proposal writing and ethical approval, data management and thesis preparation. Each student will be assigned a Departmental supervisor who will form a research committee according to the Graduate Studies Guide for Students and Supervisors.