

The curriculum studies of the Graduate Institute of Mathematics and Science Education, College of Teacher, National Chiayi University

Approved by the Institute Affairs Council, July 14,2010

1.educational Goal

The Institute takes into consideration the teachers to cultivate at the same time continues forever the development, on the other hand also in accordance to the education human resources' change, besides the extension “the middle school, the elementary school mathematical teachers cultivates” the development, “the mathematical education studies the talented person” the cultivation, this institute also encourage student develops and is engaged in “the non-service pattern mathematical education” the related profession, the time can achieve the following goal:

- (1).cultivation middle school, elementary school mathematical teachers.
- (2). the cultivation mathematical education research with supervises the talented person.
- (3). cultivates non-service pattern mathematical to educate the talented person.

2. the class leaves

- (1). during the day class
- (2). postgraduate school at night teaching master class

3. curriculum

when curriculum domain student graduation should repair completely at least 40 credits, including:

- (1) specialized compulsory: Including together compulsory 12 credits.
- (2) specialized takes as an elective: Must choose 10 credits including the grouping, take as an elective 12 credits, equals 22 credits.
- (3) paper: 6 credits.

4. the curriculum studies the means

- (1) various branches offer courses must have the graduate student three candidate classes at least are a principle.
- (2) takes as an elective the curriculum to regard the need, the identical subject every year or over year teaches a course.
- (3) the graduate student result stipulated according to the Ministry of Education, by 70 divides into passes an examination.
- (4) the graduate student studies at school the second school year first semester (teaching of master postgraduate school class, must in studying at school the third school year first semester) then to apply for the paper to instruct professor, is engaged in the paper composition.
- (5) entire time graduate student each semester studies 4 to 12 school grades, if takes as an elective the education course or repairs the foundation school grades, studies 18 school grades at most; On-the-job graduate student each semester studies 4 to 9 school grades.
- (6) by same level school record register graduate student of with the non-scientific culture background, after the matriculation, should discuss with student counselor repairs the related foundation school grades.

- (7) has studied the partial school grades in the other university science and technology education related research institute, if its subject of course title and content same as this institute start, may offset and remit the school grades, only need recognize after the research institute curriculum committee.
- (8) the graduate student may depend on this institute interscholastic to choose the class to stipulate, takes as an elective his school research institute curriculum.
- (9) before studying “the teacher duty, to educate the course” the graduate student, it studying at school age limit needs two-and-a-half year Fang Neng to graduate at least.

5. schoolwork counselling

- (1) this institute after announcing a list of successful candidates holds the newborn symposium, introduced that of educational goal, the start subject, teaching professor the newborn understanding this institute the specialty and choose the class each kind of stipulation.
 - (2) graduate student after matriculation, before the first school year conclusion, must determine that the paper instructed professor.
 - (3) this institute holds the various types academic seminar, various grades graduate student all participates, and assists the seminar work, a gram participant cannot ask for leave beforehand.
 - (4) first-grade, the second-grade level graduate student, all participates in this institute to conduct the special lecture; Paper of plan examination, the oral exam and the mathematical education related seminar this institute graduate student, first-grade, the second-grade level graduate student must participate in above at least six times, and the related seminar must participate in two times at least.
6. academic is discussing and with the recreational activities The graduate student proposes before the paper oral exam, must conform to the following two stipulations:
- (1). publishes one to look up periodical or the seminar paper the system, and for the first author. at the same time.
 - (2). must participate in the recreational activities, picks an idea system, domestic each time 0.25 point, overseas each time 1 o'clock.

7. graduation condition:

- (1). repairs according to the stipulation finishes 40 school grades.
 - (2) participates in the recreational activities reaching the stipulation standard.
 - (3) through master paper plan examination.
 - (4) completes the paper, adopts the paper oral exam.
8. this main point passes after the office affairs conference, according to gauge newspaper Principal Chen endorse implementation, when revision also with.