

## **REGULATIONS FOR THE DEGREE OF BACHELOR OF ENGINEERING IN BIOMEDICAL ENGINEERING [BEng(BME)]**

These regulations apply to students admitted to the four-year BEng in Biomedical Engineering degree in the academic year 2018-19 and thereafter.

*(See also General Regulations and Regulations for First Degree Curricula)*

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### **Admission to the Degree**

**BMED 1** To be eligible for admission to the degree of Bachelor of Engineering in Biomedical Engineering [BEng(BME)], a candidate shall

- (a) comply with the General Regulations;
  - (b) comply with the Regulations for First Degree Curricula; and
  - (c) satisfy all the requirements of the curriculum in accordance with these regulations and the syllabuses.
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### **Period of Study**

**BMED 2** The curriculum for the BEng(BME) degree shall normally require eight semesters of full-time study, extending over not fewer than four academic years, and shall include any assessment to be held during and/or at the end of each semester. Candidates shall not in any case be permitted to extend their studies beyond the maximum period of registration of six academic years, unless otherwise permitted by the Board of the Faculty of Engineering.

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### **Curriculum Requirements and progression in curriculum**

#### **BMED 3**

- (a) Candidates shall satisfy the requirements prescribed in UG 5 of the Regulations for First Degree Curricula;
- (b) Candidates shall take not fewer than 240 credits of courses, in the manner specified in these regulations and syllabuses; candidates are also required to pass all courses as specified in the syllabuses;
- (c) Candidates shall normally select not fewer than 24 credits nor more than 30 credits of courses in any one semester (except the summer semester), unless otherwise permitted or required by the Board of the Faculty, or except in the last semester of study when the number of outstanding credits required to complete the curriculum requirements is fewer than 24 credits;
- (d) Candidates may, of their own volition, take additional credits not exceeding 6 credits in each semester, and/or further credits during the summer semester, accumulating up to a maximum of 72 credits in one academic year. Candidates may, with the approval of the Board of the Faculty, exceed the annual study load of 72 credits in a given academic year provided that the total number of credits taken does not exceed the maximum curriculum study load of 288 credits for the normative period of study as specified in BMED 2, save as provided for under BMED 3(e);
- (e) Where candidates are required to make up for failed credits, the Board of the Faculty may give permissions for candidates to exceed the annual study load of 72 credits provided that the total number of credits taken does not exceed the maximum curriculum study load of 432 credits for the maximum period of registration specified in BMED 2.

**BMED 4** Candidates with unsatisfactory academic progress may be required by the Board of the Faculty to take a reduced study load.

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## **Selection of Courses**

**BMED 5** Candidates shall select their courses in accordance with these regulations and the guidelines specified in the syllabuses before the beginning of each semester. Changes to the selection of courses may be made only during the add/drop period of the semester in which the course begins, and such changes shall not be reflected in the transcript of the candidate. Requests for changes after the designated add/drop period of the semester shall be subject to the approval of the Board of the Faculty. Withdrawal from courses beyond the designated add/drop period will be subject to the approval of the Board of the Faculty.

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## **Assessment and Grades**

**BMED 6** Candidates shall be assessed for each of the courses for which they have registered, and assessment may be conducted in any one or any combination of the following manners: written examinations or tests, continuous assessment, laboratory work, field work, project reports, or in any other manner as specified in the syllabuses. Only passed courses will earn credits. Grades shall be awarded in accordance with UG 8 of the Regulations for First Degree Curricula.

**BMED 7** Written examinations or tests shall normally be held at the end of each semester unless otherwise specified in the syllabuses.

**BMED 8** Candidates are required to make up for failed courses in the following manner:

- a) undergoing re-assessment/re-examination in the failed course to be held no later than the end of the following semester (not including the summer semester); or
- b) re-submitting failed coursework, without having to repeat the same course of instruction; or
- c) repeating the failed course by undergoing instruction and satisfying the assessments; or
- d) for elective courses, taking another course in lieu and satisfying the assessment requirements.

**BMED 9** Candidates shall not be permitted to repeat a course for which they have received a grade D or above for the purpose of upgrading.

**BMED 10** There shall be no appeal against the results of examinations and all other forms of assessment.

**BMED 11** Unless otherwise permitted by the Board of the Faculty, a candidate will be recommended for discontinuation of his/her studies if

- (a) he/she fails to complete successfully 36 or more credits in two consecutive semesters (not including the summer semester), except where they are not required to take such a number of credits in the two given semesters; or
- (b) he/she fails to achieve an average Semester GPA of 1.0 or higher for two consecutive semesters (not including the summer semester); or
- (c) he/she has exceeded the maximum period of registration specified in BMED 2.

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## **Absence from Examination**

**BMED 12** Candidates who are unable, because of illness, to be present at the written examination of any course may apply for permission to present themselves at a supplementary examination of the same course to be held before the beginning of the First Semester of the following academic year. Any such

application shall be made on the form prescribed within two weeks of the first day of the candidate's absence from any examination. Any supplementary examination shall be part of that academic year's examinations, and the provisions made in the regulations for failure at the first attempt shall apply accordingly.

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### Advanced Standing

**BMED 13** Advanced standing may be granted to candidates in recognition of studies completed successfully before admission to the curriculum in accordance with UG 2 of the Regulations for First Degree Curricula. The amount of advanced credits to be granted shall be determined by the Board of the Faculty, in accordance with the following principles:

- (a) a minimum of four semesters of study at this University shall be required before the candidate is considered for the award of the degree; and
- (b) at least half of the credits requirements of the degree curriculum shall be accumulated through study at this University, or from transfer of credits for courses completed at other institutions in accordance with UG 4(d) of the Regulations for First Degree Curricula.

Credits granted for advanced standing shall not be included in the calculation of the GPA but will be recorded on the transcript of the candidate.

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### Degree Classification

**BMED 14** To be eligible for the award of the BEng degree, candidates shall have:

- (a) achieved a Graduation GPA of 1.00 or above
- (b) satisfied all the requirements in UG 5 of the Regulations for First Degree Curricula;
- (c) passed not fewer than 240 credits, comprising
  - i) introductory courses, including Engineering Core courses;
  - ii) advanced courses;
  - iii) capstone experience;
  - iv) a Chinese language enhancement course<sup>1</sup>;
  - v) two English language enhancement courses, including Core University English<sup>2</sup> and English in the Discipline;
  - vi) Common Core courses;
  - vii) all required courses as prescribed in respective syllabuses; and
  - viii) elective courses.

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<sup>1</sup> Students are required to successfully complete the 6-credit Faculty-specific Chinese language enhancement course, except for:

- (a) Putonghua-speaking students who should take CUND9002 (Practical Chinese and Hong Kong Society) or CUND9003 (Cantonese for Non-Cantonese Speaking Students); and
- (b) students who have not studied Chinese language during their secondary education or who have not attained the requisite level of competence in the Chinese language to take the Chinese language enhancement course should seek approval from the Board of the Faculty of Engineering for exemption from the Chinese language requirement, and
  - (i) take a 6-credit Cantonese or Putonghua language course offered by the School of Chinese especially for international and exchange students; OR
  - (ii) take an elective course in lieu.

<sup>2</sup> Candidates who have achieved Level 5 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent, are exempted from this requirement, and Core English is optional. Those who do not take this course should take an elective course in lieu, see Regulation UG6."

**BMED 15** The degree of Bachelor of Engineering shall be awarded in five divisions: First Class Honours, Second Class Honours Division One, Second Class Honours Division Two, Third Class Honours, and Pass. The classification of honours shall be determined by the Board of Examiners for the degree of BEng in accordance with the following Graduation GPA (GGPA) scores, with all courses taken (including failed courses) carrying weightings which are proportionate to their credit values<sup>3</sup>:

<i>Class of honours</i>	<i>GGPA range</i>
First Class	3.60 – 4.30
Second Class	(2.40 – 3.59)
Division One	3.00 – 3.59
Division Two	2.40 – 2.99
Third Class	1.70 – 2.39
Pass	1.00 – 1.69

**BMED 16** Honours classification may not be determined solely on the basis of a candidate's Graduation GPA and the Board of Examiners for the BEng degree may, at its absolute discretion and with justification, award a higher class of honours to a candidate deemed to have demonstrated meritorious academic achievement but whose Graduation GPA falls below the range stipulated in BMED 15 of the higher classification by not more than 0.1 Grade Point.

**BMED 17** A list of candidates who have successfully completed all degree requirements shall be posted on Faculty notice boards.

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<sup>3</sup> For students in the 2017-18 intake and thereafter who have successfully completed six Common Core courses, the calculation of Graduation GPA is subject to the proviso that either five Common Core courses with the highest grades (covering all four Areas of Inquiry), or all six courses will be counted towards Graduation GPA, depending on which generates the higher Graduation GPA.