

Warunki rekrutacji na studia

Wymagania wstępne i dodatkowe:

Ukończenie szkoły ponadgimnazjalnej, zdanie egzaminu maturalnego. Finished secondary school with certificate sufficient to enrol in any university in the country where the certificate was issued.

Zasady rekrutacji:

Zasady rekrutacji są dostępne w zakładce skierowanej do kandydatów na studia na stronie internetowej AGH pod adresem: <http://www.agh.edu.pl/pl/kandydaci/studia-i-stopnia/warunki-i-tryb-rekrutacji.html> Wskaźnik rekrutacji jest wyznaczany na podstawie oceny egzaminu maturalnego z matematyki lub fizyki lub informatyki i oceny z języka obcego. Stosowane są ułatwienia w rekrutacji laureatów wybranych olimpiad przedmiotowych i olimpiady "O Diamentowy Indeks AGH" Rules of enrolment of foreign candidates are presented on webpage of Centre of International Students <https://international.agh.edu.pl/> To get detail information the candidates are kindly asked to contact the Centre by e-mail international.students@agh.edu.pl

Dolny limit ilości studentów:

24

Ogólna charakterystyka kierunku studiów:

Wydział:

Inżynierii Mechanicznej i Robotyki

Poziom studiów:

Studia I stopnia

Typ studiów:

Stacjonarne

Profil kształcenia:

Ogólnoakademicki (A)

Obszar kształcenia:

Nauk technicznych

Tytuł zawodowy uzyskiwany przez absolwenta:

Inżynier

Czas trwania studiów (liczba semestrów):

siedem

Termin rozpoczęcia cyklu:

Semestr zimowy

Liczba punktów ECTS konieczna dla uzyskania kwalifikacji (tytułu zawodowego):

210

Dziedziny nauk, do których odnoszą się zakładane efekty kształcenia:

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Dyscypliny naukowe, do których odnoszą się zakładane efekty kształcenia:

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Związek kierunku studiów ze strategią rozwoju AGH oraz misją AGH:

Program Mechatronics is a modern program of study answering current needs of industry and services. Students are prepared to solve engineering problems basing on knowledge working in teams.

Zasady dotyczące struktury studiów (zasady studiowania)

Dopuszczalny deficyt punktowy:

6

Semestry kontrolne:

trzeci, szósty

Zasady wpisu na kolejny semestr:

According to the AGH University of Science and Technology Study Regulations (can be downloaded from <https://international.agh.edu.pl/>). Students can register for the next if their total ECTS point deficit does not exceed the admissible amount.

Studia indywidualne:

Individual study is supervised by associate or full professors. The study can start from the 4th semester. It is required to achieve at least 4.5 average study grade. It is recommended to possess additional achievements (like publications, activity in student associations, community service, awards). The syllabus of individual studies is composed of modules taken from approved study syllabi and non-approved individual modules. The non-approved modules are approved by the Faculty Council. The individual study syllabus is approved by the dean

Zasady ustalania końcowej oceny studiów:

The study final grade is calculated according to the AGH University of Science and Technology Study Regulations (can be downloaded from <https://international.agh.edu.pl/>) basing on the average grade from the whole degree programme (70%), the grade received for the diploma thesis (20%), the diploma examination grade assigned by the Commission (10%).

Inne:

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Zasady prowadzenia procesu dyplomowania:

Process of getting BSc degree is carried out according to the AGH University of Science and Technology Study Regulations (can be downloaded from <https://international.agh.edu.pl/>) Students take the two-part diploma exam, prepare and defend the degree thesis.

Dodatkowe informacje:

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Program kształcenia:

Ogólne informacje związane z programem kształcenia (ogólne cele kształcenia oraz możliwości zatrudnienia, typowe miejsca pracy i możliwości kontynuacji kształcenia przez absolwentów):

Mechatronics is the interdisciplinary program composed of basic courses (mathematics, physics), of major courses like mechanics, control, computer science and electronics as well as of specialty courses. Contents of major and specialty courses comprise techniques of computer aided engineering, problems of application of driving and sensor systems, elements of modern control and basics of robotics. Students learn about methods and tools of analysis as well as synthesis of mechatronic systems and about a problem of integration in mechatronics. The aim of the first cycle study program Mechatronics is to build the students' engineering knowledge understood as theoretical basics of mechatronics as well as teaching techniques of solving practical engineering problems basing on the knowledge. The study comprises laboratory and project classes where students gather practical engineering skills. The study in Mechatronics prepares to work in interdisciplinary teams that design, manufacture and/or utilize various mechatronic systems. The interdisciplinary knowledge helps the Mechatronics program graduates to communicate with engineers of other specialties in the course of solving of the complex engineering problems in practice. The graduates of the program are prepared to work in: design units, research and development institutions as well as in companies that manufacture or use mechatronic devices. The graduates are authorized to continue study at the faculty enrolling in the Master study in Mechatronics, the specialty of Mechatronic design which is taught in English. The graduates can also enrol in Master study held at other faculties or universities in Poland or abroad.